



Mercy House Womens

Learned, MS

Mercy House Womens Campus



Construction Documents

Revision	#	Rev Date
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Cover Sheet

G-000



Project No 20241215001-B Date 9/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

Project Directory

Project Information

Name: Mercy House Womens Campus Renovations
Address: 5257 Learned Rd., Learned, MS 39154

Client

Mercy House Teen Challenge
1110 Mary Street
Georgetown, MS 39078
(855) 893-7333
Contact: Matt Milliman

Architect

KPMC Architecture PLLC
160 McTyers Ave
Jackson, MS 39202
(601) 203-4060
Contact: Paul Purser (paulpurser@kpmcarchitecture.com)

Mechanical & Plumbing Engineer

RBR Engineering LLC
142 Central Blvd
Flora, MS 39071
(662) 571-4848
Contact: Blake Reece (blake@rbr.engineering)

Electrical Engineer

Welcon Electrical Consultants, PLLC
9414 Three Rivers Road, Suite 4
Gulfport, MS 39503
(228) 822-8000
Contact: Greg Wyrosdick (greg@welconconsultants.com)

Kitchen Equipment Consultant

Singer Equipment Company
Contact: Logan Turner, Lead Designer
(601) 326-6120
(769) 234-3907 Mobile
Contact: Logan Turner (ltturner@singerequipment.com)

Project Notes

PROJECT ALTERNATES

- ALTERNATE NO. 1 – DAYCARE BUILDING WORK**
A. Provide all renovation and construction work associated with the Daycare Building as indicated in the Contract Documents, including architectural, structural, mechanical, electrical, plumbing, finishes, and associated work required for a complete installation.
B. Unless specifically indicated otherwise, all work within the limits of the Daycare Building shall be excluded from the Base Bid and included under this Alternate.
- ALTERNATE NO. 2 – NEW PARKING LOT ASPHALT, CURBS & STRIPING**
A. Provide all work associated with the new and reconfigured parking lot layout as indicated in the Contract Documents, including subgrade preparation, aggregate base, asphalt paving, curbs, pavement markings, striping, tie-ins to existing paving, and associated work required for a complete installation.

UNIT PRICES

- UNIT PRICE NO. 1 – GUEST ROOM MILLWORK**
A. Provide a unit price for each complete guest room millwork unit indicated in the Contract Documents.
B. Unit price shall include casework, countertop, hardware, supports, blocking, trim, fabrication, delivery, installation, and all incidental materials and labor required for a complete installation.
C. Unit price shall be applicable to both additions and deductions from the Contract quantity as directed by Owner.
D. Coordinate millwork with electrical requirements and Owner-provided or Contractor-provided appliances and equipment as indicated in the Contract Documents.

ENERGY CODE REQUIREMENTS

- CODE COMPLIANCE.** Project work shall comply with the applicable provisions of the adopted International Energy Conservation Code (IECC), International Building Code (IBC), and requirements of the Authority Having Jurisdiction.
- ALTERATIONS TO EXISTING BUILDINGS.** Existing building assemblies not altered by the Work may remain except where modification is required by the Contract Documents or applicable code. New and altered components shall comply with applicable energy-code requirements.
- BUILDING ENVELOPE.** New and altered roof, exterior wall, floor, slab, door, window, and other building-envelope assemblies shall comply with applicable thermal and air-barrier requirements.
- AIR SEALING.** Provide continuous air sealing and weatherproofing at new and altered exterior construction, including penetrations, openings, transitions, joints, doors, and windows.
- MECHANICAL AND PLUMBING SYSTEMS.** New mechanical equipment, controls, ductwork insulation, piping insulation, and service water-heating equipment shall comply with applicable energy-efficiency requirements.
- LIGHTING AND ELECTRICAL SYSTEMS.** New lighting, lighting controls, power systems, and associated equipment shall comply with applicable energy-code requirements.
- COORDINATION.** Where specific assemblies, insulation values, equipment efficiencies, or other energy-related requirements are indicated elsewhere in the Contract Documents, those requirements shall govern where more stringent than these general notes.

THERMAL ENVELOPE REQUIREMENTS

NEW CONSTRUCTION

- ROOF ASSEMBLIES** – Provide insulation and thermal performance complying with the adopted energy code and assemblies indicated in the Contract Documents.
- EXTERIOR WALL ASSEMBLIES** – Provide insulation and thermal performance complying with the adopted energy code and assemblies indicated in the Contract Documents.
- SLAB AND SLAB EDGE** – Provide insulation where required by the adopted energy code or indicated in the Contract Documents.
- AIR BARRIER** – Provide a continuous air-barrier system at new conditioned building-envelope assemblies as required by the adopted energy code. Seal transitions, penetrations, openings, and connections to adjacent assemblies.

RENOVATED EXISTING CONSTRUCTION

- EXISTING ENVELOPE ASSEMBLIES** not altered by the Work may remain unless otherwise required by the adopted energy code or Contract Documents.
- ALTERED ENVELOPE ASSEMBLIES** shall be repaired, insulated, sealed, and weatherproofed as required to provide complete assemblies and comply with applicable requirements.

FENESTRATION REQUIREMENTS

- NEW FENESTRATION** shall comply with applicable energy-code requirements for U-factor, Solar Heat Gain Coefficient (SHGC), air leakage, and other required performance criteria.
- WINDOWS AND EXTERIOR GLAZED DOORS** shall comply with the scheduled and specified performance requirements. Where specific performance values are not indicated, provide values complying with the adopted energy code.
- INSULATED GLAZING** shall be provided at exterior windows and storefront where indicated. Coordinate glazing thickness, tint, coatings, safety glazing, and other requirements with the Door and Window Schedules.
- SAFETY GLAZING** shall be provided at hazardous locations as required by the applicable building code.
- INSTALLATION** shall provide complete perimeter flashing, sealants, air sealing, weatherproofing, and drainage necessary to maintain continuity of the exterior building envelope.

GENERAL INFORMATION

- DO NOT SCALE DRAWINGS.** Written dimensions govern. Notify Architect of discrepancies prior to proceeding.
- FIELD VERIFY EXISTING CONDITIONS.** Verify dimensions, elevations, utilities, equipment, openings, substrates, and other conditions affecting the Work prior to construction, fabrication, or installation.
- EXISTING CONDITIONS** shown are based on available information and field observations and shall not relieve Contractor of responsibility for field verification.
- COORDINATE ALL TRADES** including architectural, structural, mechanical, plumbing, electrical, fire protection, civil, and other work prior to installation. Resolve conflicts prior to proceeding.
- PROVIDE COMPLETE WORK.** Contractor shall provide all labor, materials, equipment, accessories, connections, supports, blocking, fasteners, sealants, and incidental work necessary for complete and operational installations whether specifically shown or reasonably implied by the Contract Documents.
- DIMENSIONS** to partitions and walls are to finished face unless noted otherwise. Typical details, notes, dimensions, and conditions shall apply to similar construction unless specifically indicated otherwise.
- FIELD VERIFY BEFORE FABRICATION** all casework, millwork, countertops, equipment, door and window openings, built-in furnishings, and other fabricated components.
- MAINTAIN LIFE SAFETY** throughout construction, including required exits, accessible means of egress, fire protection, emergency access, and other required life-safety provisions.
- CODE COMPLIANCE.** Perform Work in accordance with applicable federal, state, and local codes, ordinances, regulations, and requirements of the Authority Having Jurisdiction.
- PROTECT EXISTING CONSTRUCTION** designated to remain. Repair damage resulting from construction operations to match adjacent existing construction at no additional cost to Owner.
- SUBSTITUTIONS** shall not be made without required review and written approval in accordance with the Contract Documents.
- FINISH SELECTIONS.** Colors, patterns, finishes, fixtures, and other items requiring Architect or Owner selection shall not be ordered until required selections and submittals have been approved.
- DISCREPANCIES AND CONFLICTS** between drawings, schedules, details, specifications, existing conditions, or requirements of individual trades shall be reported to Architect prior to proceeding with affected Work.
- CLEAN AND COMPLETE WORK.** Remove construction debris, temporary materials, labels, protective coverings, and residue. Clean completed construction and leave the project in a safe, complete, and occupiable condition.

Project Code Requirements

1. APPLICABLE CODES AND STANDARDS

- A. International Building Code (IBC), **2024 Edition**
B. International Mechanical Code (IMC), **2024 Edition**
C. International Plumbing Code (IPC), **2024 Edition**
D. National Electrical Code (NFPA 70), **2023 Edition**
E. International Fire Code (IFC), **2024 Edition**
F. ICC A117.1 – Accessible and Usable Buildings and Facilities
G. 2010 ADA Standards for Accessible Design

2. BUILDING CODE REQUIREMENTS

A. Occupancy Classification

Mixed Occupancy (Non-Separated Occupancies)

- Primary Occupancy:** Group **R-2** – Residential Recovery Housing
- Accessory Occupancy:** Group **A-3** – Gymnasium, Dining and Assembly Areas
- Accessory Occupancy:** Group **F-1** – Commercial Kitchen (food preparation areas where applicable)
- Accessory Occupancy:** Group **B** – Administrative Offices
- Accessory Occupancy:** Group **S-2** – Storage and Building Support Areas

Occupancies shall comply with the provisions of **IBC Section 508.3 – Non-Separated Occupancies**, unless otherwise noted on the drawings.

B. General Building Heights and Area

- Governing Occupancy:** Group R-2
- Construction Type:** Type V-B
- Maximum Building Height:** **3 Stories / 55 Feet**
- Maximum Allowable Building Area:** Per Table 504.3 and Table 506.2 of the 2024 IBC.
- Proposed Building Area:** Approximately **12,152 SF**, within allowable limits for the selected construction type.

C. Types of Construction

Construction Type V-B

Primary Structural Frame – **0 Hour**

Bearing Walls

- Exterior** – **0 Hour** (unless required due to fire separation distance)
- Interior** – **0 Hour**

Nonbearing Interior Walls – **0 Hour**

Floor Construction – **0 Hour**

Roof Construction – **0 Hour**

D. Means of Egress

Common Path of Egress Travel – As permitted for the governing occupancy by Chapter 10.

Exit Access Travel Distance – **200 Feet Maximum**

(Unsprinklered)

Minimum Number of Exits – As required by occupant load and Chapter 10.

Accessible Means of Egress – As required by Chapter 10.

E. Fire Protection Systems

Automatic Fire Sprinkler System – **Not Required by this code summary based solely on building area.** Final determination shall be based on the final occupancy configuration, occupant load, and applicable provisions of Chapter 9.
Portable Fire Extinguishers – Required in accordance with the International Fire Code and NFPA 10.
Commercial Kitchen Hood Fire Suppression – Provide where required for commercial cooking equipment in accordance with the International Mechanical Code, International Fire Code, and NFPA 96.
Fire Alarm System – As required by the 2024 IBC, IFC, and NFPA 72.

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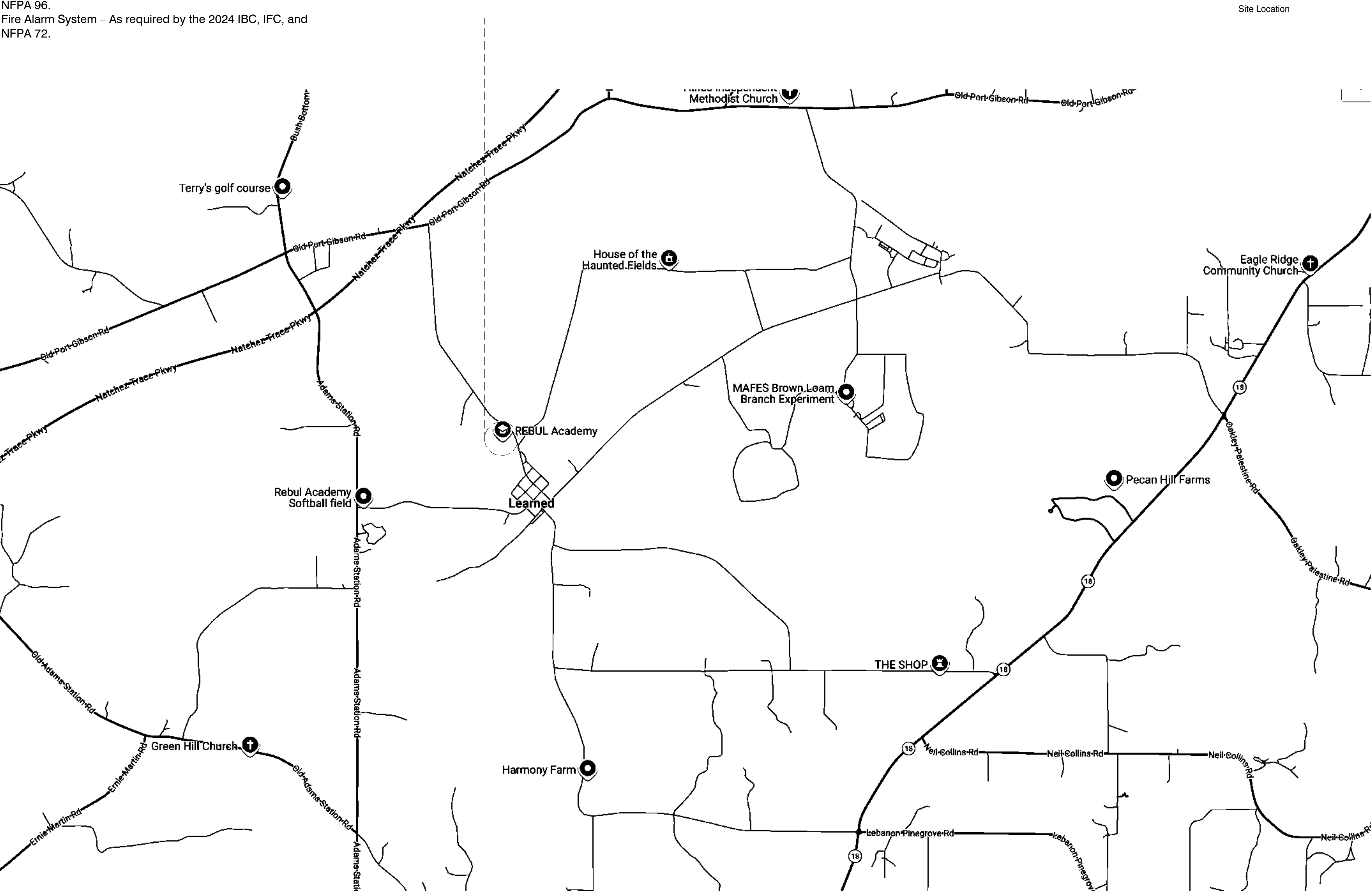
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Mercy House Womens Campus

Project No 20241215001-B Date 8/31/2026



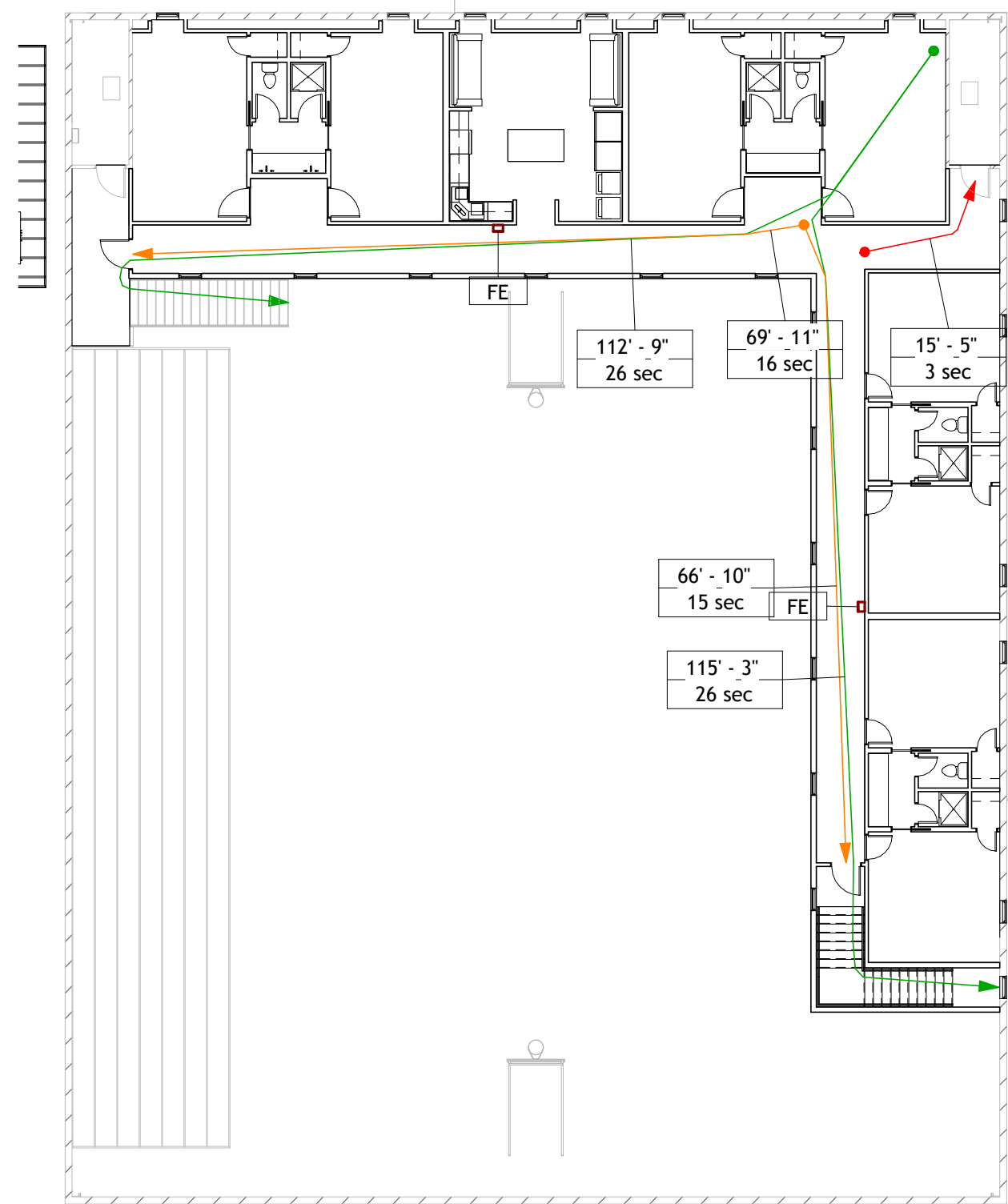
Construction Documents

Revision	#	Rev Date
ADD #1	4	9/9/26

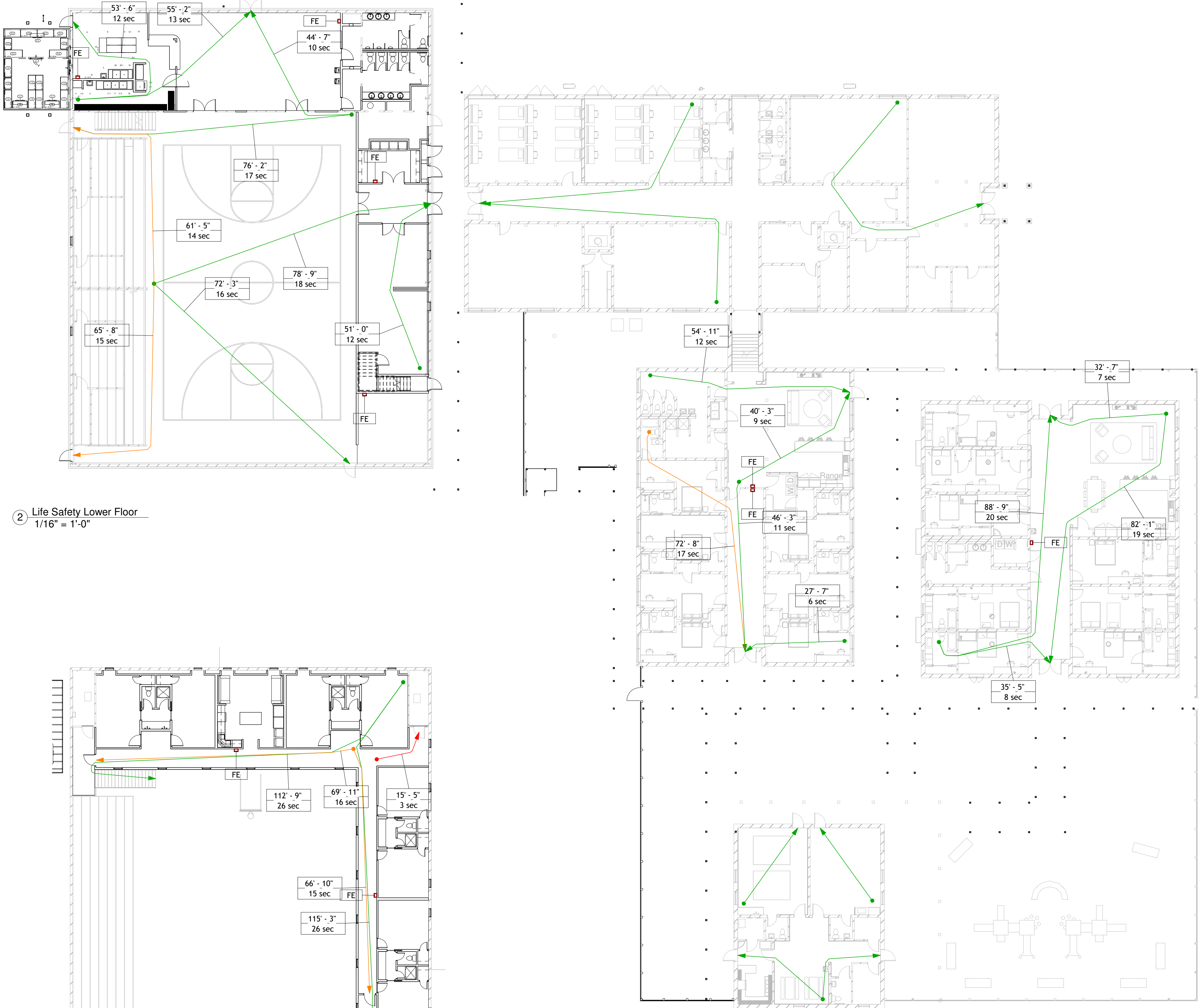
Reference

G-101

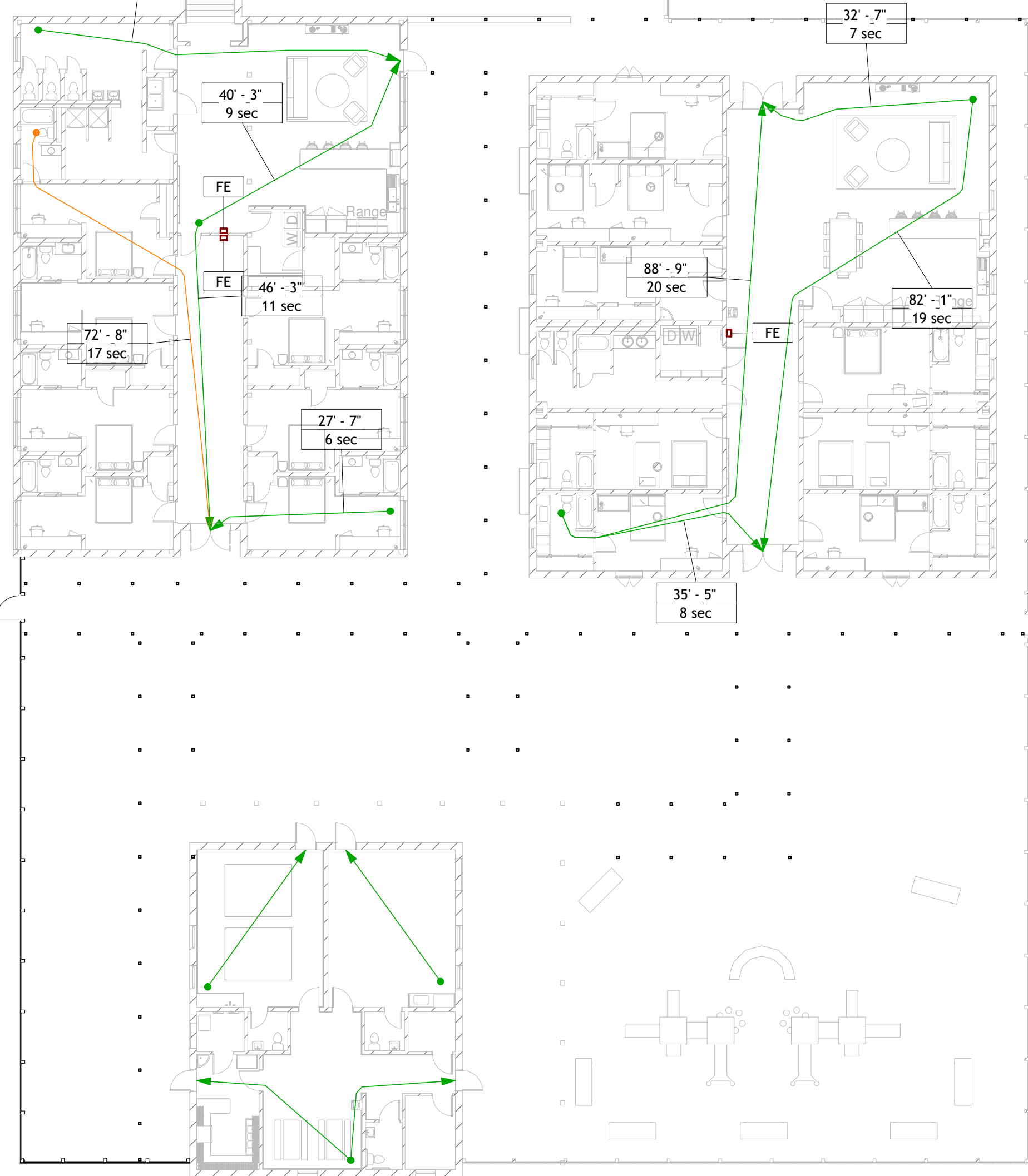
③ Life Safety Gym 2nd Floor
1/16" = 1'-0"



② Life Safety Lower Floor
1/16" = 1'-0"



① Life Safety Upper Floor
1/16" = 1'-0"



General Life Safety Notes

- DO NOT SCALE LIFE SAFETY DRAWINGS.** Contractor shall verify dimensions, door locations, corridor widths, exit conditions, and other conditions affecting the means of egress prior to construction. Report discrepancies to the Architect before proceeding.
- MAINTAIN ALL REQUIRED MEANS OF EGRESS THROUGHOUT THE BUILDING.** Required exits, exit access corridors, doors, stairs, ramps, and other components of the means of egress shall remain unobstructed and shall not be reduced below required widths.
- EGRESS PATHS SHOWN ARE DIAGRAMMATIC AND REPRESENT CODE ANALYSIS OF THE ANTICIPATED PATH OF TRAVEL.** Actual construction, furnishings, equipment, or other installations shall not increase travel distances beyond allowable limits or obstruct required egress.
- EGRESS PATH GRAPHIC CONVENTION: GREEN = EXIT ACCESS TRAVEL DISTANCE; ORANGE = COMMON PATH OF EGRESS TRAVEL; RED = DEAD-END CORRIDOR.** These colors correspond to the life-safety paths indicated on this sheet.
- EXIT ACCESS TRAVEL DISTANCE, SHOWN IN GREEN, SHALL COMPLY WITH IBC SECTION 1017.** Maximum permitted travel distance shall be based on the applicable occupancy classification, sprinkler condition, and other requirements of the adopted code. For applicable nonsprinklered Group A, E, F-1, M, R, and S-1 occupancies, maximum exit access travel distance shall not exceed 200 FEET, except where a more restrictive requirement applies.
- COMMON PATH OF EGRESS TRAVEL, SHOWN IN ORANGE, SHALL COMPLY WITH IBC SECTION 1006.2.1 AND TABLE 1006.2.1.** Common path shall be measured from the most remote point subject to common path travel to the point where occupants have separate and distinct paths of egress available. Where the permitted common-path or occupant-load limits are exceeded, provide additional exit or exit-access doorways as required by code.
- DEAD-END CORRIDOR CONDITIONS, SHOWN IN RED, SHALL COMPLY WITH IBC SECTION 1020.5.** Dead-end corridors shall not exceed 20 FEET in nonsprinklered conditions except where a greater length is specifically permitted by the applicable occupancy provisions or other code exception.
- EXIT DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT,** except where specifically permitted by code. Coordinate door swings, clear widths, panic/fire-exit hardware, locking arrangements, and other egress hardware with the door schedule and applicable code requirements.
- PROVIDE CODE-COMPLIANT EXIT SIGNS AND EMERGENCY EGRESS ILLUMINATION AT REQUIRED LOCATIONS.** Coordinate final locations, circuitry, emergency power, and electrical requirements with the electrical drawings.
- FE INDICATES FIRE EXTINGUISHER AND FIRE EXTINGUISHER CABINET LOCATION.** Provide UL-listed multipurpose dry-chemical ABC fire extinguishers, minimum 5-LB NOMINAL CAPACITY AND MINIMUM 2-A:10-B:C RATING, unless a greater rating or different extinguisher type is required for the specific hazard or by the Authority Having Jurisdiction.
- FIRE EXTINGUISHER QUANTITY, SPACING, LOCATION, AND MAXIMUM TRAVEL DISTANCE SHALL COMPLY WITH NFPA 10 AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.** Locate extinguishers along normal paths of travel in only visible and accessible locations.
- FIRE EXTINGUISHER CABINETS SHALL BE COMMERCIAL-GRADE STAINLESS STEEL WITH SATIN FINISH AND CLEARLY MARKED "FIRE EXTINGUISHER."** Provide manufacturer's standard identification lettering or approved equivalent readily visible from the normal path of approach. Provide UL-listed class K wet-chemical fire extinguisher at commercial kitchen. Locate within 30 feet travel distance of commercial cooking equipment and in a readily accessible location along the normal path of egress. Coordinate location with kitchen equipment, type I hood fire-suppression system, npra 10, npra 96, and ahj requirements.
- FULLY RECESSED FIRE EXTINGUISHER CABINETS ARE PREFERRED.** Where wall cavity depth or existing construction does not permit a fully recessed cabinet without adversely affecting structural members, rated assemblies, utilities, or other concealed construction, **SEMI-RECESSED CABINETS ARE ACCEPTABLE.** Surface-mounted cabinets shall not be used without Architect approval.
- FIRE EXTINGUISHER CABINETS AND OTHER WALL-MOUNTED COMPONENTS SHALL NOT REDUCE REQUIRED EGRESS WIDTHS OR ACCESSIBLE CLEARANCES.** Projections into circulation paths shall comply with applicable accessibility requirements for protruding objects.
- PROVIDE REQUIRED BLOCKING, FRAMING, AND SUPPORT FOR FIRE EXTINGUISHER CABINETS.** Coordinate recessed and semi-recessed cabinet locations with wall construction, utilities, structural framing, and fire-resistance-rated assemblies prior to installation.
- MAINTAIN CONTINUITY OF ALL REQUIRED FIRE-RESISTANCE-RATED AND SMOKE-RESISTIVE CONSTRUCTION.** Fire extinguisher cabinets, electrical boxes, ducts, piping, conduit, and other penetrations shall not reduce the required rating or performance of an assembly.
- DO NOT PLACE FURNITURE, EQUIPMENT, STORAGE, CASEWORK, OR OTHER OBSTRUCTIONS WITHIN REQUIRED EGRESS PATHS.** Maintain required corridor widths, door maneuvering clearances, stair and ramp widths, and accessible routes at all times.
- WHERE TWO OR MORE EXITS OR EXIT-ACCESS DOORWAYS ARE REQUIRED, PROVIDE THE REQUIRED SEPARATION AND ARRANGEMENT IN ACCORDANCE WITH THE IBC.** Egress paths shall remain separate and distinct where required and shall not converge in a manner that defeats required exit separation.
- LIFE SAFETY INFORMATION SHOWN ON THIS SHEET SHALL BE COORDINATED WITH ARCHITECTURAL FLOOR PLANS, DOOR SCHEDULES, REFLECTED CEILING PLANS, ELECTRICAL DRAWINGS, AND FIRE-PROTECTION REQUIREMENTS.** Report conflicts to the Architect prior to construction.
- FINAL LIFE SAFETY COMPONENT LOCATIONS AND INSTALLATION SHALL COMPLY WITH THE ADOPTED CODES AND REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.** Where field conditions or AHJ requirements conflict with the Contract Documents, notify the Architect prior to proceeding.

Mercy House Womens Campus



Construction Documents

Revision	#	Rev Date
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Life Safety

G-102



PLANNING & DEVELOPMENT

Project No 20241215001-B Date 9/3/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

Civil General Notes

CAST-IN-PLACE CONCRETE

1. Concrete Properties

1.1 Normal Weight Structural Concrete

	28-Day, f _c (min.) (max.)	w/cm Ratio	Entrained Air (min.) (max.)
Footings (Isolated / Continuous)	4,000 psi	---	None Required
Grade Beams	3,000 psi	---	None Required
Slabs-on-Ground	3,500 psi	0.48	None Required
Slabs on Composite Steel Deck	3,500 psi	0.48	None Required
Mechanical Equipment Pads:			
Interior	3,000 psi	---	None Required
Exterior	3,000 psi	---	5.0 +/- 1.5%
All Other Structural Concrete	4,000 psi	0.40	5.0 +/- 1.5%

Note: All concrete shall be assigned the exposure classes FO, SO, WO, and CO; except concrete in Aggressive Environment shall be assigned the exposure classes F3, S3, W1, and C2 (see ACI 318).

2. Construction Joint Locations: No horizontal construction joints are permitted except as shown on the Structural Drawings. Obtain written consent for additional joints.

3. Pipes or ducts shall not exceed one-third the slab or wall thickness unless specifically detailed. See mechanical and electrical drawings for location of sleeves, accessories, etc.

3.1 Conduit shall not be placed within the slab-on-ground. Conduit shall be installed below the slab-on-ground within the granular subbase.

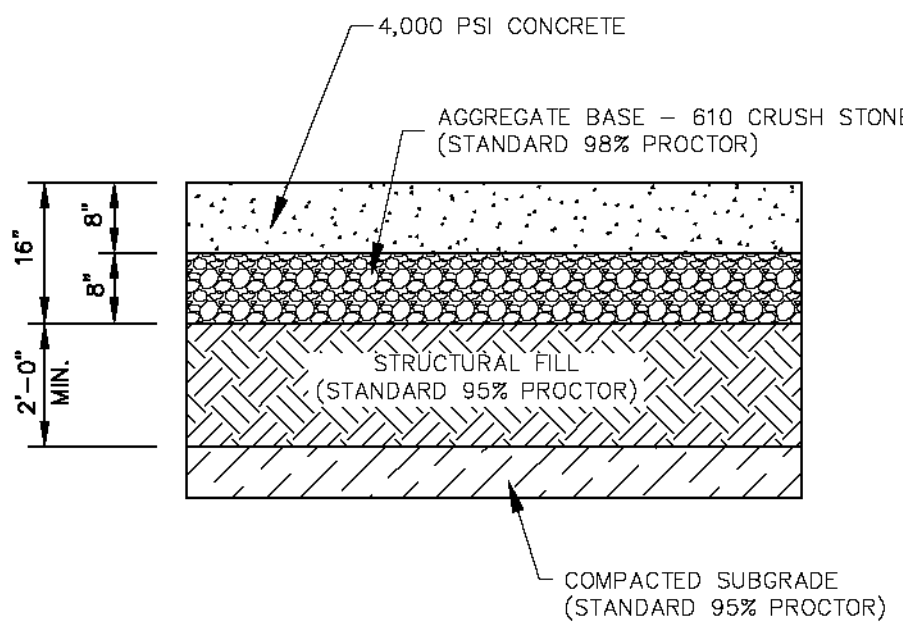
4. Special Finishes: Refer to Architectural Drawings for molds, grooves, ornaments, clips or grounds required to be encased in concrete and for location of floor finishes and slab depressions.

5. Defect Repair: Honey-combing, spalls, cracks, etc. shall be repaired. Extent of defective area to be determined by the Structural Engineer.

6. Curing

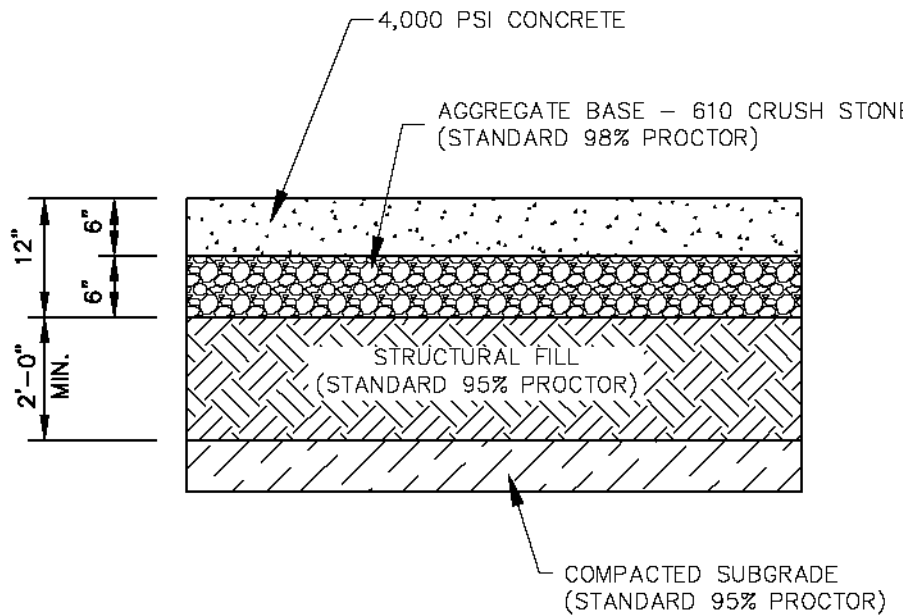
- Begin curing procedures immediately following commencement of the finishing operation.
- Concrete shall be moist cured in accordance with ACI 308. See Specification for additional information.
- All concrete slabs that are to have exposed stained or polished concrete finish shall be wet cured a minimum of 7 days in strict accordance with ACI 301. The acceptable methods of wet curing are ponding, continuous fogging, continuous sprinkling; or application of mats or fabric kept continuously wet.

CONCRETE CONSTRUCTION	INSPECTION FREQUENCY	REFERENCED STANDARD
1. Inspection of reinforcing steel placement and installation. Grade, size, quantity, quality, location, spacing, clearances.	P	ACI 318 Ch. 20, 25.2, 25.3, 25.6.1-25.6.3 / IBC 1908.4
2. Inspection of anchors cast in concrete. Verify compliance of the following: diameter, grade, type, length, number, placement, and embedment depth.	C	ACI 318 17.8.2 / AISI 360 NS.7
3. Inspection of post-installed mechanical anchors installed in hardened concrete members: verify anchor type, anchor dimensions, hole diameter and clearing procedures, anchor spacing, edge distances, concrete minimum thickness, and anchor embedment and tightening torque.	C	ACI 318 17.8.2 Use of post installed anchors must be approved by Structural Engineer
4. Inspection of post-installed adhesive anchors and reinforcing steel installed in hardened concrete members. Verify adhesive type, anchor not dimensions, hole diameter and clearing procedures, anchor spacing, edge distances, concrete minimum thickness, and anchor embedment and tightening torque.	C	ACI 318 17.8.2.4 Use of post installed anchors must be approved by Structural Engineer
5. Verify use of required design mix.	P	ACI 318 Ch. 19, 26.4.3 26.4.4 / IBC 1904.1, 1904.2, 1908.2, 1908.3
6. Sampling fresh concrete from concrete discharge. Mold one set of specimens for compressive strength testing for each 150 cubic yards or each 5,000 square feet of slab or wall surface area for each mix design placed in any one day. No fewer than five tests for a given class of concrete for the entire project.		ACI 318 26.5, 26.12 / IBC 1908.10 ASTM C172, ASTM C31
a. Mold (5) 4x8-inch compressive strength cylinders, break and report (1) at 7-days, (3) at 28-days, or mold (6) 6x12-inch compressive strength cylinders, break and report (1) at 7-days, (2) at 28-days.		
b. Retaining specimen(s) shall be broken as directed by the Structural Engineer if compressive strengths do not appear adequate.		
c. For each set molded, record: i. Slump ii. Air Content iii. Unit Weight iv. Temperature, ambient and concrete v. Batch and discharge times vi. Location and placement vii. Any pertinent information, such as addition of water, addition of admixtures, etc.	C	
d. Report in writing on the same day as tests are performed. Reports of compressive strength tests shall contain the project identification name and number, date of concrete placement, name of concrete testing agency, concrete design compressive strength, location of concrete placement in structure, concrete mix proportions and materials, compressive breaking strength and type of break.		
e. Verify compliance with construction documents.	C	ACI 318 26.5 / IBC 1908.6-1908.8
7. Inspection of concrete conveying and placement for proper application techniques.	C	ACI 318 26.5.3-26.5.5 / IBC 1908.9
8. Inspection for maintenance of specified curing temperature and techniques.	P	ACI 318 26.11.1, 26.11.2(b)
9. Inspection of formwork for shape, location, and dimensions of the concrete member being formed.	P	
10. Perform testing of Floor Fitness and Levelness of concrete slab placements in accordance with ASTM E1155. See specifications.	P	ACI 117-10

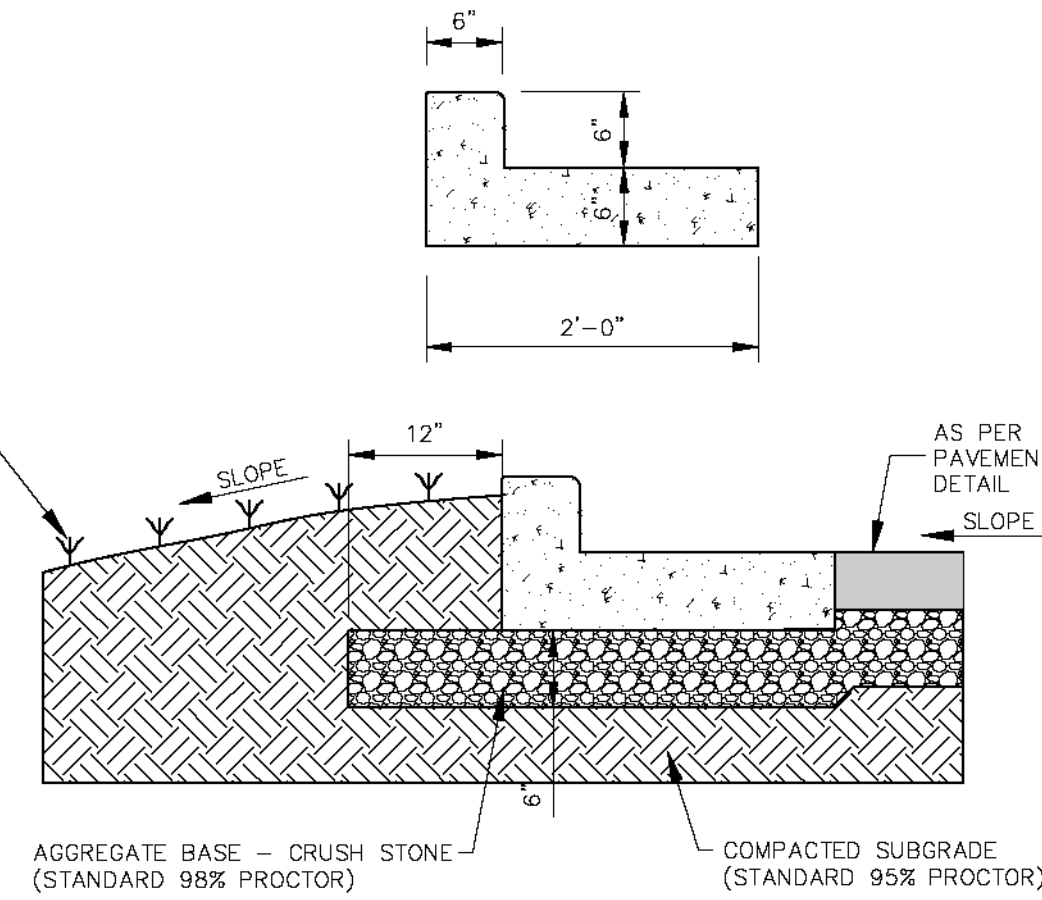


1 CONCRETE PAVEMENT DETAIL
PAVEMENT TYPE - HEAVY DUTY
SCALE: N.T.S.

NOTE: ALL THICKNESS AND MATERIALS SHOWN ARE AS PER SPECIFIED IN THE TIE-OUT REPORT PROVIDED BY LADNER TESTING, INC.

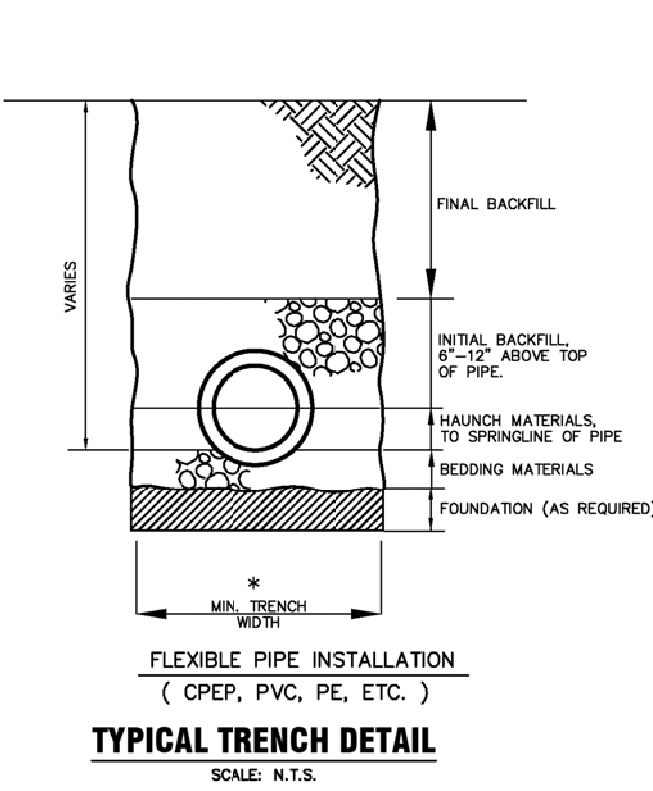


2 CONCRETE PAVEMENT DETAIL
PAVEMENT TYPE - TYPICAL
SCALE: N.T.S.

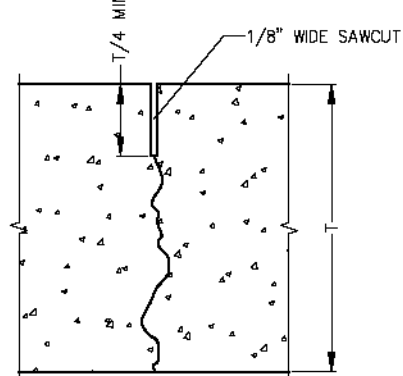


3 COMBINATION CURB & GUTTER DETAIL
SCALE: N.T.S.

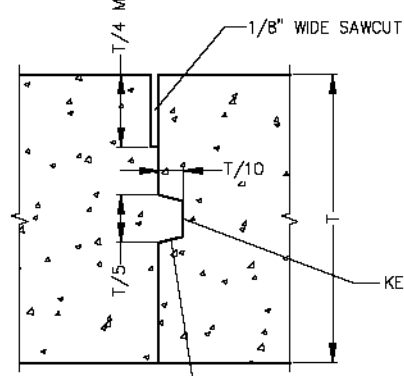
- NOTES:
1. REINFORCING MATERIALS SHALL BE CLASS II FWD MATERIALS AS DEFINED IN TABLE 1, ASTM C-203. ALL TIE-OUTS OF THESE MATERIALS SHALL BE AS FOLLOWS:
a. HORIZONTAL MATERIALS SHALL BE CLASS II FWD MATERIALS AS REQUIRED ABOVE. RESTRICTED TO 1/2\"/>
 2. HORIZONTAL MATERIALS SHALL BE CLASS II FWD MATERIALS AS REQUIRED ABOVE. RESTRICTED TO 1/2\"/>
 3. HORIZONTAL MATERIALS SHALL BE CLASS II FWD MATERIALS AS REQUIRED ABOVE. RESTRICTED TO 1/2\"/>
 4. HORIZONTAL MATERIALS SHALL BE CLASS II FWD MATERIALS AS REQUIRED ABOVE. RESTRICTED TO 1/2\"/>
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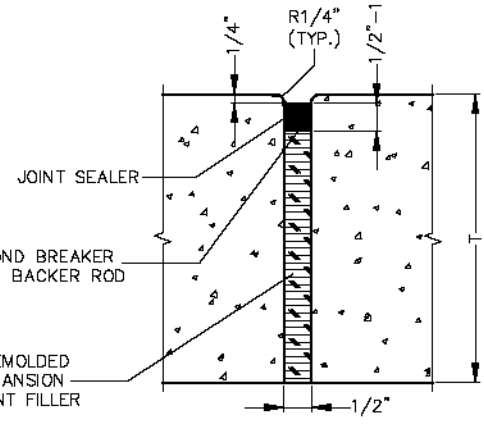
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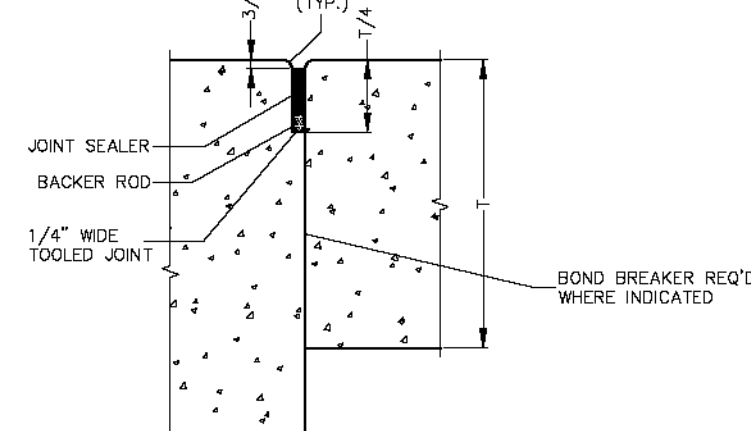
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KEYED JOINT



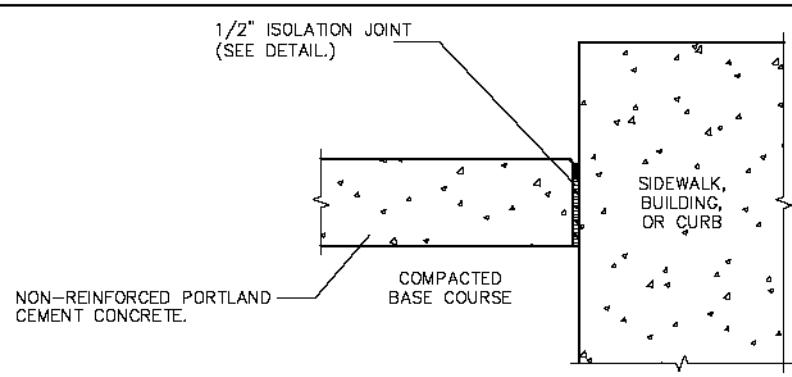
1/2" ISOLATION JOINT



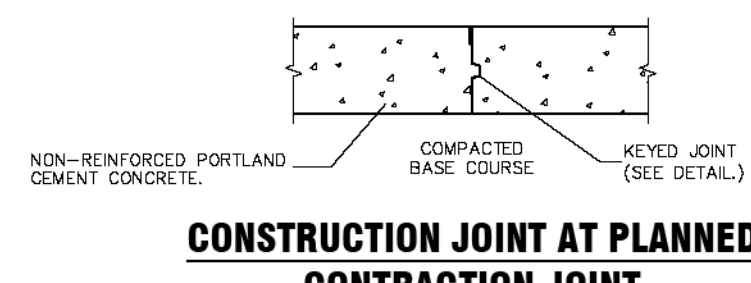
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CONCRETE JOINT DETAILS

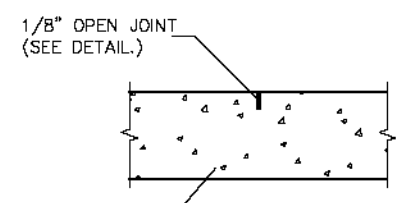
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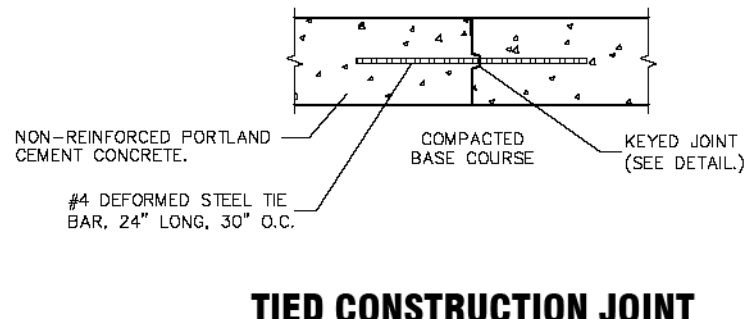
ISOLATION JOINT AT STRUCTURE



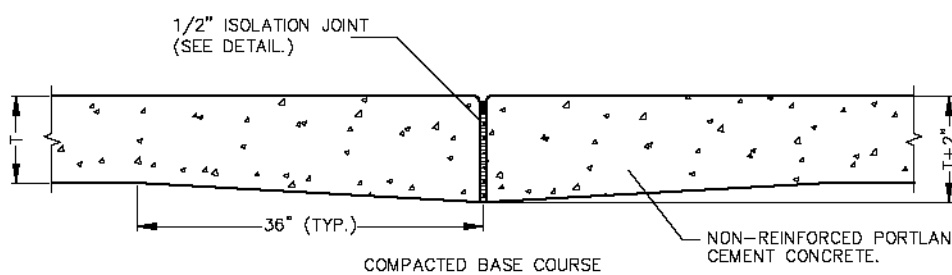
CONSTRUCTION JOINT AT PLANNED CONTRACTION JOINT



CONTRACTION JOINT



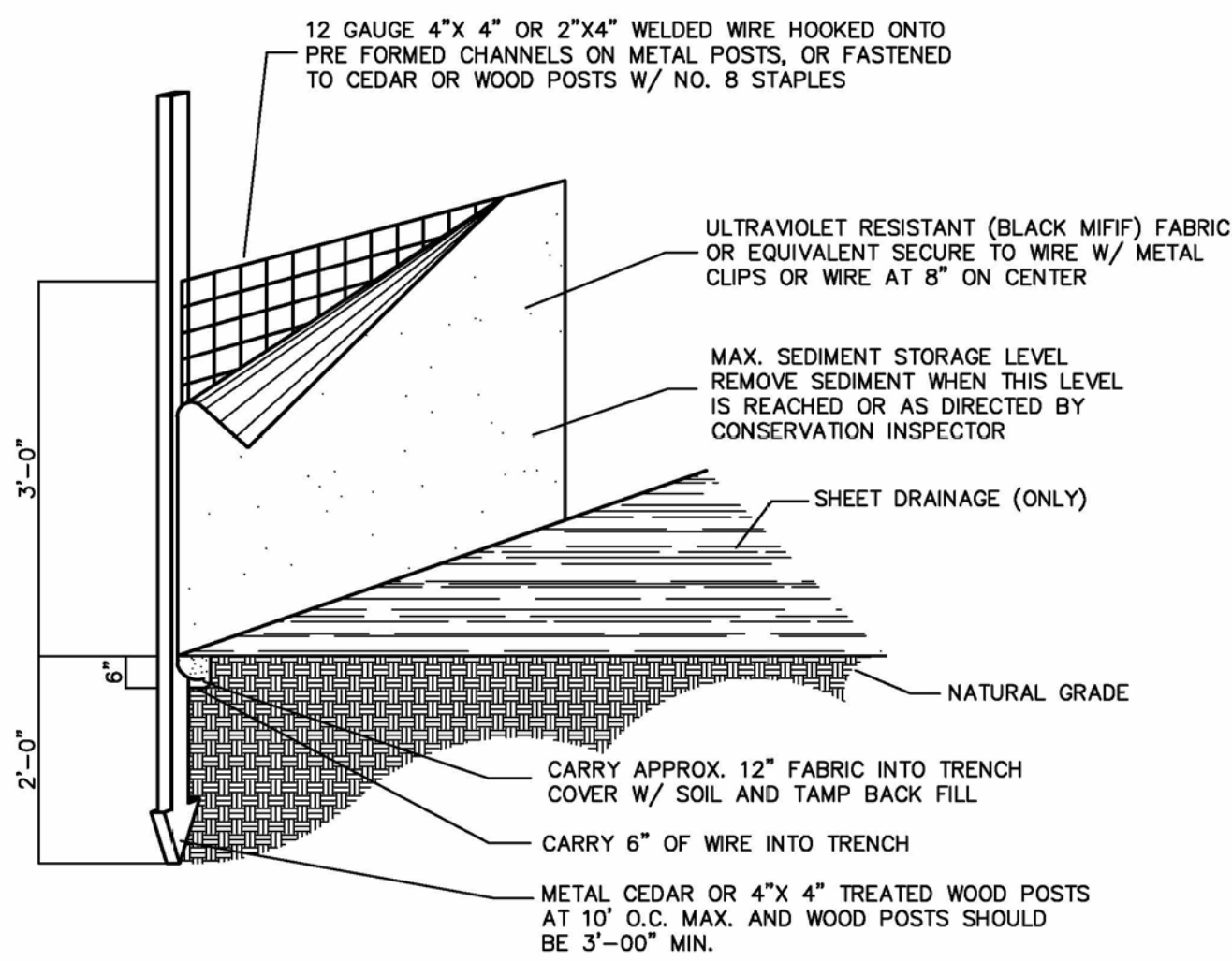
TIED CONSTRUCTION JOINT



INTERIOR ISOLATION JOINT

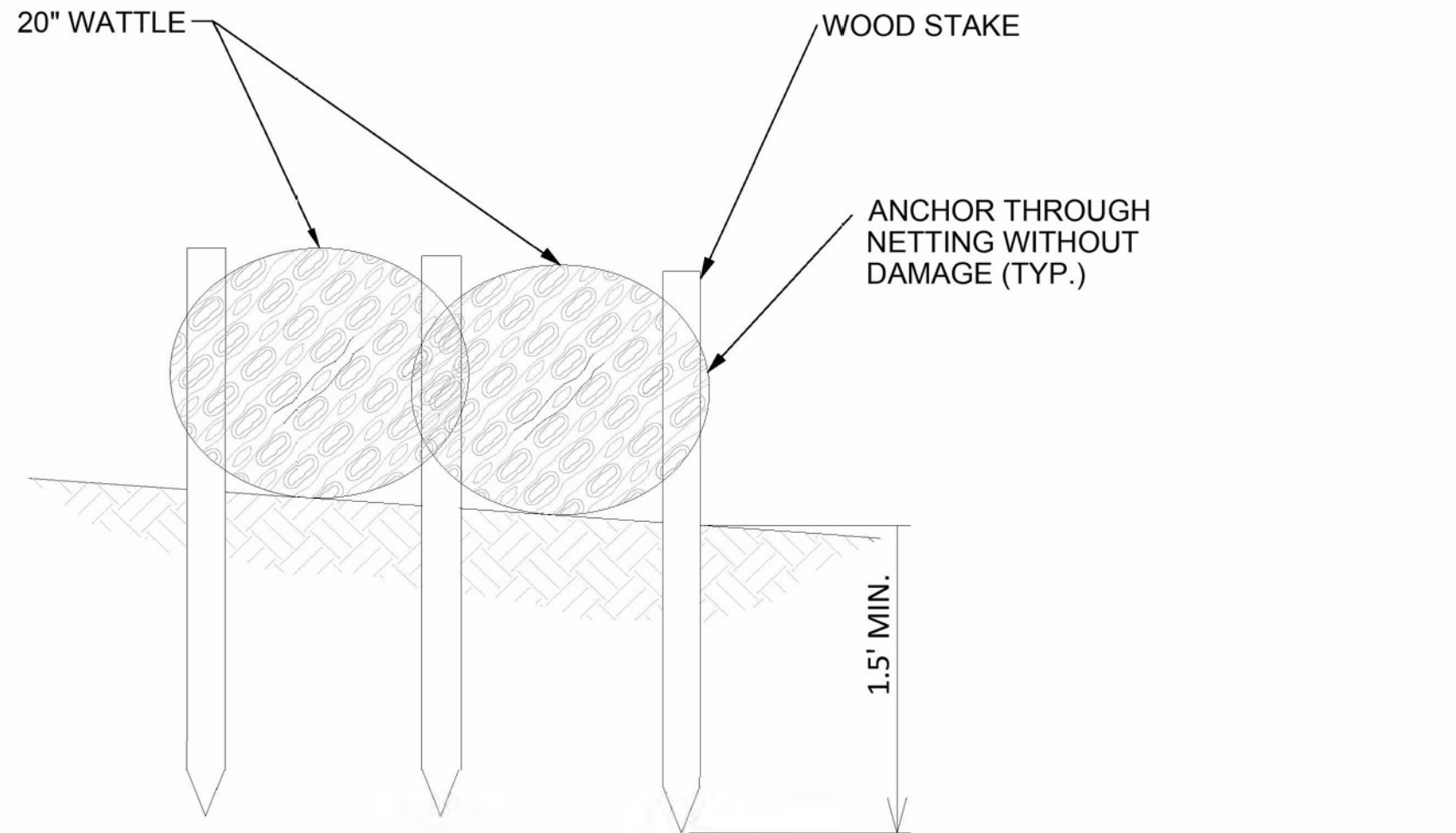
JOINT CROSS-SECTIONS

SCALE: N.T.S.

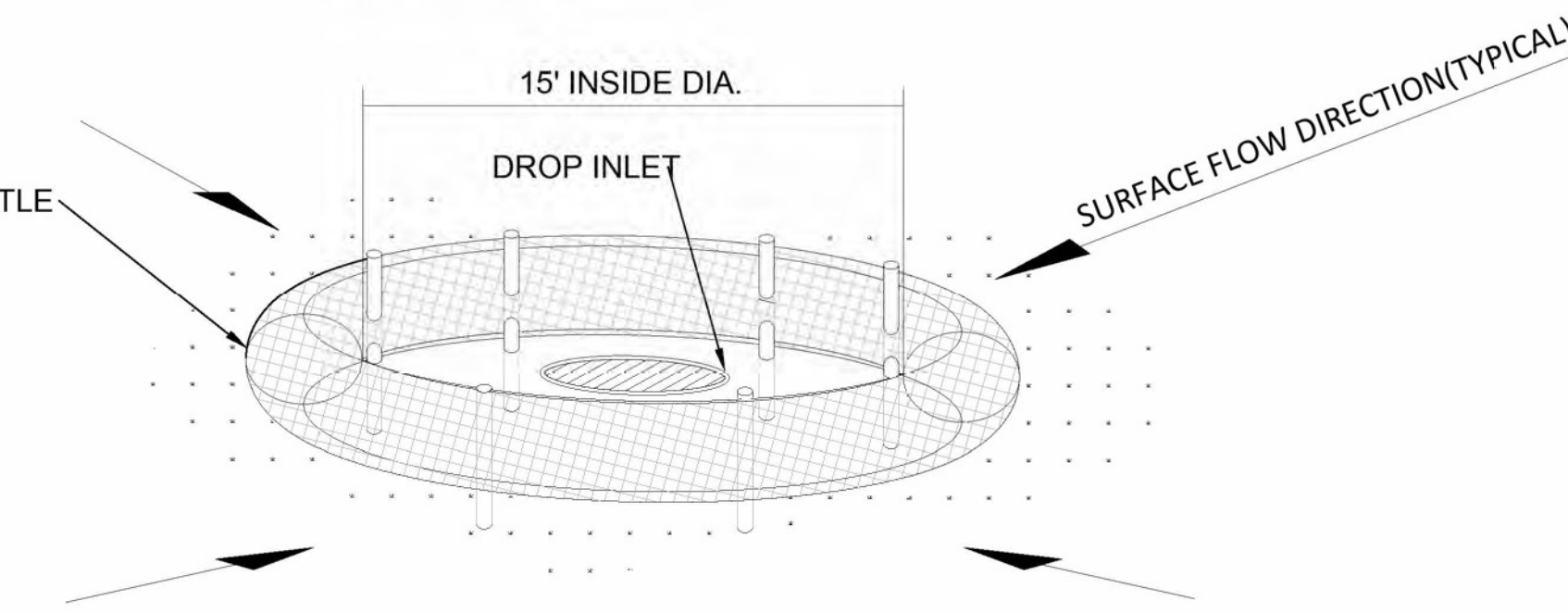


SILT FENCE DETAIL

SCALE: N.T.S.



SECTION A-A



DROP INLET PROTECTION

- NOTES:
1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
 2. OVERLAP ENDS OF WATTLES PER MANUFACTURER'S RECOMMENDATIONS (1' MAX., 3' MAX.).
 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.

General Notes

1. Construction Notice of Intent (CNOI) Submission:
 - a. The Contractor is obligated to prepare and submit a Construction Notice of Intent (CNOI) in accordance with the latest guidelines from the Mississippi Department of Environmental Quality (MDEQ). This submission must include a copy of the Storm Water Pollution Prevention Plan (SWPPP). Both the CNOI permit and SWPPP must be maintained on-site for inspection by the MDEQ until project completion.
2. Erosion Control Measures Compliance:
 - a. Silt fencing and other erosion control measures must adhere to the relevant sections of the Mississippi Standard Specifications for State Aid Road and Bridge Construction, as per the latest edition.
3. Property Protection Measures:
 - a. The Contractor is responsible for implementing additional measures as necessary to safeguard properties from construction-related damage, exercising prudence and reason.
4. Preparation of Erosion Control Infrastructure:
 - a. Before commencing any stripping or excavation, the Contractor must install all required silt.
5. Preservation of Undisturbed Areas:
 - a. A minimal buffer of undisturbed areas around the site's perimeter must be maintained where feasible. This buffer serves to mitigate erosion by wind and water, as well as reduce sediment runoff.
6. Surface Runoff Management:
 - a. Earth fill procedures should incorporate temporary diversions to mitigate surface runoff.
7. Hazardous Material Containment:
 - a. Protective measures must be provided by the Contractor for containing hazardous materials, such as petroleum products and lubricants.
8. Trash Management on Site:
 - a. Trash containers must be provided on-site for the disposal of all construction materials, with measures in place to prevent site debris from entering the storm drainage system.
9. Routine Inspection and Maintenance:
 - a. The Contractor is obliged to inspect all erosion control measures installed and undertake necessary repairs at least weekly during dry periods. Additionally, all erosion control measures must be diligently inspected and repaired within 24 hours following a rainfall event.
10. Storm Water Discharge Quality Assurance:
 - a. Erosion control measures must be maintained to ensure that storm water discharge is devoid of: a. Debris, oil, scum, and other floating materials, except in trace amounts; b. Eroded soils and other materials that may form objectionable deposits in receiving waters; c. Suspended solids, turbidity, and color at levels inconsistent with receiving water standards; d. Chemicals at concentrations that could lead to violations of State Water Quality Criteria in receiving waters.
11. Record Keeping Requirements:
 - a. Adequate records must be maintained documenting the inspection and repair of all erosion control measures installed.
12. Regulatory Familiarity:
 - a. The Contractor must acquaint themselves with the Storm Water Construction General Permit Regulations and the "Planning and Design Manual for the Control of Erosion, Sediment, and Stormwater" published by the MDEQ, Mississippi Soil & Water Commission, and the USDA Soil Conservation Service.
13. Best Management Practices (BMPs) Implementation:
 - a. Utilize the Best Management Practices (BMPs) outlined in the referenced material for the implementation of additional measures as necessary.
14. Construction Entrance Requirements:
 - a. Stone construction entrances are mandated at designated entry/exit points where equipment/trucks will enter and exit the construction site.
15. Employee Training and Certification:
 - a. Ensure that all personnel involved in erosion control activities are adequately trained and certified in accordance with applicable regulations and industry standards.
16. Community Engagement and Communication:
 - a. Establish communication channels with the local community to provide updates on erosion control measures, project progress, and address any concerns or inquiries.
17. Weather Monitoring and Response Plan:
 - a. Develop a weather monitoring system and response plan to anticipate and mitigate erosion risks during periods of inclement weather.
18. Ecological Impact Assessment:
 - a. Conduct an ecological impact assessment to identify sensitive habitats or species that may be affected by erosion control measures, and implement mitigation measures as necessary.
19. Material Sourcing and Sustainability:
 - a. Source erosion control materials from sustainable suppliers and ensure that their extraction or production does not cause adverse environmental impacts.
20. Long-Term Maintenance Plan:
 - a. Develop a long-term maintenance plan to ensure the continued effectiveness of erosion control measures beyond the construction phase, including periodic inspections and repairs.

Mercy House Womens Campus

Project No 20241215001-B Date 8/12/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

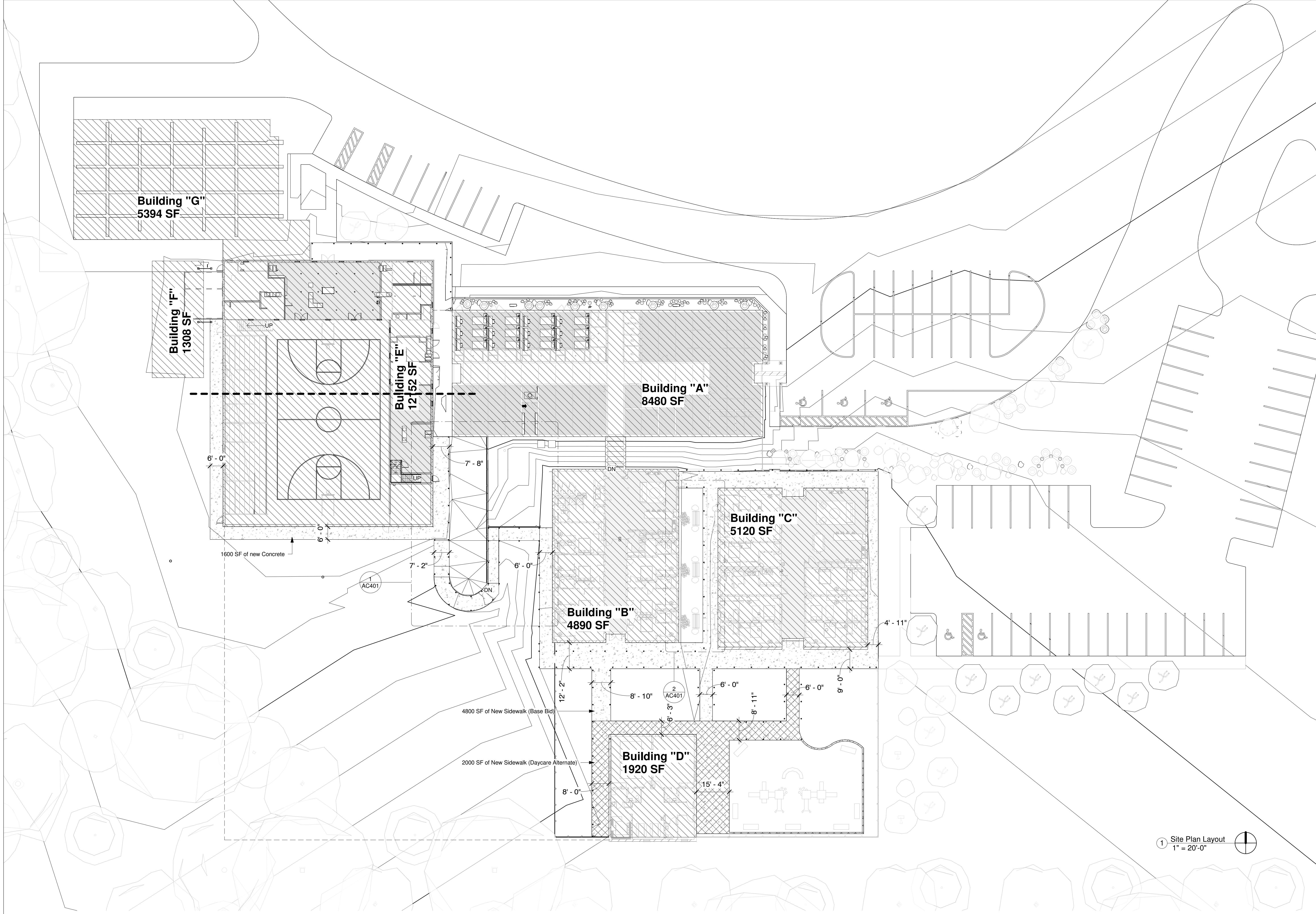


Construction Documents

Revision # Rev Date

Reference

AC100



General Site Notes

- Do not scale drawings.** Contractor shall field verify existing site conditions, dimensions, elevations, grades, utilities, and adjacent improvements prior to beginning work. Report discrepancies to Architect before proceeding.
- Comply with applicable requirements.** All site work shall comply with applicable codes, ordinances, regulations, and accessibility requirements.
- Protect existing improvements to remain** including buildings, utilities, paving, sidewalks, drainage systems, landscaping, fencing, equipment, and other site features. Repair damage resulting from construction operations.
- Maintain safe site access** for required pedestrian, vehicular, emergency, and building circulation throughout construction.
- Clear and prepare areas receiving new work** as indicated. Remove debris, vegetation, unsuitable material, abandoned improvements, and other materials interfering with proposed construction.
- Coordinate underground work prior to finished site construction.** Complete utilities, drainage, sleeves, conduits, footings, and other below-grade work prior to installation of permanent paving, sidewalks, ground cover, or other finished improvements.
- Maintain positive drainage** throughout the site. Coordinate new grading with existing conditions and drainage systems to prevent ponding, erosion, or drainage toward buildings. Repair or adjust existing drainage structures where indicated.
- Provide site improvements as indicated** including new sidewalks, ramps, limestone ground cover, drainage improvements, handrails, fencing, awnings, paving, curbs, and other site construction. **Refer to enlarged site plan callout views, details, and other applicable sheets for specific construction and installation requirements.**
- Accessible routes, ramps, and sidewalks shall comply with the 2010 ADA Standards.** Where actual field grades conflict with slopes or elevations indicated, notify Architect and obtain direction prior to construction.
- Plantings, site furniture, and playground equipment are by Owner** unless specifically noted otherwise. Contractor shall coordinate Contract Work with locations shown and leave affected areas properly graded and prepared for Owner-installed items.
- Generator locations are shown for reference only.** Coordinate final locations, dimensions, clearances, pads, utilities, and adjacent site improvements with equipment selected and applicable engineering documents.
- Repair existing site improvements where indicated.** Patch disturbed paving and sidewalks to provide clean transitions to existing construction. Pressure wash existing sidewalks and hardscape indicated to remain.
- Provide erosion, sediment, and dust control** as required throughout construction and prevent construction debris or runoff from entering adjacent properties, roads, or drainage systems.
- Coordinate Alternate Work with Base Bid construction.** Refer to Bid Alternates for work associated with new parking lot asphalt paving, curbs, striping, and other specifically identified Alternate Work.
- Restore all areas disturbed by construction.** Remove debris and excess material, repair damaged improvements, establish final grades, stabilize disturbed areas, and leave the site clean, safe, properly drained, and ready for Owner use.

Mercy House Womens Campus



Construction Documents

Revision # Rev Date

Scope Phasing & Site

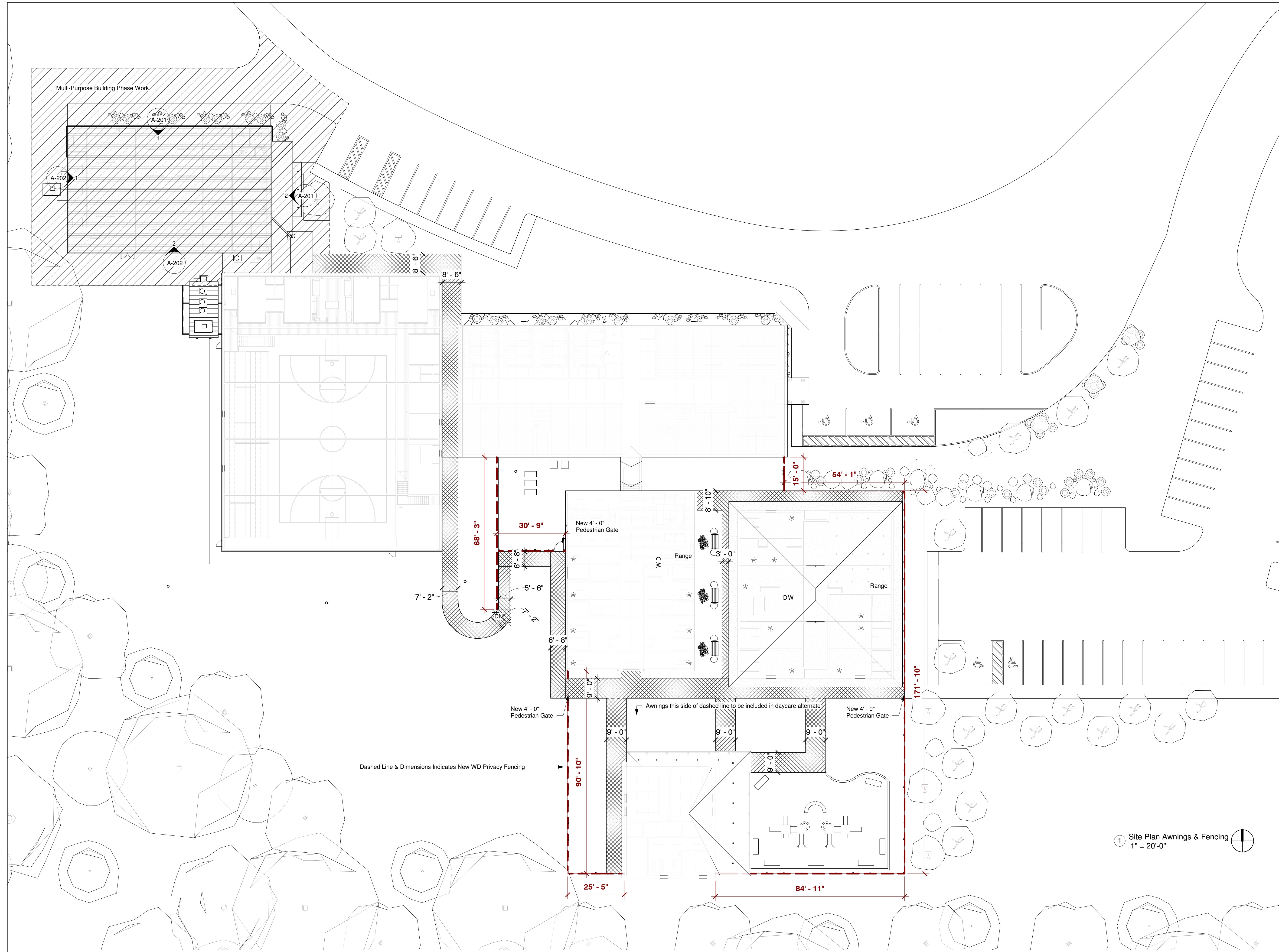
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Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site



GENERAL AWNING & FENCE NOTES

GENERAL

1. **Graphic indications establish scope.** New aluminum awnings are indicated by diagonal crosshatching. New wood privacy fencing is indicated by dashed red lines with associated dimensions. Refer to enlarged plans, elevations, details, and other Contract Documents for additional requirements.
2. **Field verify all dimensions and existing conditions** prior to fabrication or installation. Dimensions shall establish design intent, notify Architect or consultant with existing buildings, grades, utilities, paving, drainage, or other site conditions prior to proceeding.
3. **Coordinate awning and fence work with site improvements** including sidewalks, ramps, handrails, drainage, utilities, landscaping, equipment, existing fencing, and accessible routes.

PREFINISHED ALUMINUM AWNINGS

3. **Provide new prefinished aluminum awning systems** at all locations indicated by diagonal crosshatching on this sheet.
2. **Awning systems shall provide continuous coverage over sidewalk routes** below as indicated. Coordinate limits with building entrances, covered connectors, and adjacent awning sections.
3. **Awning color shall be consistent across the campus** and selected by Owner from manufacturer's standard color options.
4. **Provide aluminum pan construction with fascia.** Fascia shall be 6 inches minimum in depth; final fascia depth shall be appropriately sized by manufacturer for span, drainage, structural requirements, and overall proportions.
5. **Provide aluminum or compatible prefinished metal columns** with integrated internal drainage where required. Exposed supports and components shall provide a consistent appearance throughout the campus.
6. **Space columns a minimum of 8'-0" apart where feasible.** Spacing may be adjusted at corners, turns, direction changes, building tie-ins, or as required by manufacturer's engineered design.
7. **Coordinate awning support conditions with existing construction.** Supports may be anchored to structurally suitable existing concrete or installed on new concrete footings outside sidewalk limits where open grade occurs. Provide complete foundations, anchorage, and connections required by engineered design.
8. **Maintain awning heights indicated.** Any proposed change to height, slope, fascia depth, column spacing, or column location shall be submitted to Architect for review prior to fabrication.
9. **Install awnings substantially level** while providing the minimum slope necessary for positive drainage. Where significant grade or elevation changes occur, step awning sections where appropriate rather than excessively sloping the overall system.
10. **Provide weather-tight building connections.** Where awnings intersect existing buildings, walls, roofs, or covered connectors, provide flashing, counterflashing, sealants, closures, and other water-management components necessary to prevent water intrusion.
11. **Direct awning drainage away from pedestrian surfaces.** Utilize integrated column drainage or other concealed drainage where feasible. Do not discharge concentrated runoff onto sidewalks, ramps, entrances, or other walking surfaces.
12. **Maintain required accessible-route clearances.** Coordinate columns, downspouts, braces, and other components with sidewalks, ramps, handrails, stairs, ramps, doors, structures, site lighting, and existing building elements.
13. **Provide engineered awning shop drawings** showing field-verified dimensions, elevations, slopes, column locations, structural connections, anchorage, footing requirements, drainage, flashing, fascia, and proposed colors. Submit for Architect and Owner review prior to fabrication.
14. **Provide a complete coordinated awning system.** All exposed fasteners, anchors, sealants, trim, gutters, fascia, closures, and accessories shall be compatible with the system and finished to provide a clean, durable, campus-consistent appearance.

WOOD PRIVACY FENCING

1. **Provide new wood privacy fencing** at all locations indicated by dashed red lines on this sheet. Fence limits and dimensions shall be as indicated and field verified prior to installation.
2. **New fencing shall match existing campus privacy fencing** in height, general configuration, board orientation, spacing, post and rail configuration, material, and overall appearance unless specifically noted otherwise.
3. **Field verify existing fence configuration** before ordering materials. Where new fencing connects to existing fencing, align heights, fences, rails, and other visible components to provide a continuous and uniform result.
4. **Provide pressure-treated exterior-grade wood construction** suitable for permanent exterior exposure. Provide posts, rails, pickets or boards, blocking caps where applicable, and all other components necessary for a complete fence assembly.
5. **Provide posts of adequate size and spacing** to support the fence height and anticipated loads without excessive movement, deflection, or warping. Unless specifically detailed otherwise, final post size, spacing, embedment, and footing requirements shall be appropriate for the fence configuration and field conditions.
6. **Set fence posts in concrete footings** extending below unstable surface soils and of sufficient depth and diameter to provide a rigid installation. Crown or slope exposed concrete at posts to shed water away from wood.
7. **Do not embed untreated wood in or against concrete, masonry, or steel.** All wood exposed to ground contact or conditions requiring preservative treatment shall be appropriately pressure treated for its intended exposure.
8. **Maintain a consistent finished fence height** above adjacent grade unless otherwise indicated. Where grade changes occur, step fencing in a regular and intentional manner rather than excessively racking panels or creating irregular transitions.
9. **Maintain appropriate clearance above finished grade** to prevent prolonged wood-to-soil contact while limiting openings beneath the fence consistent with the intended privacy function. Coordinate fencing with limestone, planting beds, sidewalks, and other adjacent finished surfaces.
10. **Provide complete gates where indicated** including frames, hinges, latches, stops, hardware, posts, bracing, and other components required for durable operation. Gate construction and appearance shall match adjacent fencing.
11. **Provide additional enforcement gates as required** to prevent post movement, gate sagging, or misalignment. Gate posts and footings shall be sized appropriately for gate width and weight.
12. **Coordinate fencing with underground and above-ground utilities.** Verify utility locations prior to excavation. Do not locate posts or footings where they conflict with drainage piping, electrical service, site utilities, or required utility access.
13. **Coordinate fence locations with drainage and grading.** Fencing and footings shall not obstruct swales, surface drainage, trench drains, inlets, or other drainage paths.
14. **Maintain required equipment and service clearances.** Coordinate fencing and gates around generators, mechanical equipment, utility equipment, meters, and similar components with required manufacturer and code clearances and restricted maintenance access.
15. **Provide corrosion-resistant exterior fasteners and hardware.** Use hot-dip galvanized or stainless-steel nails, screws, bolts, brackets, hinges, latches, and other exposed connectors compatible with pressure-treated lumber.
16. **Orient finished fence face consistently.** Unless indicated otherwise, locate posts, rails, and structural framing toward the enclosed/service side and provide the finished board face toward public, pedestrian, and primary campus-facing areas.
17. **Provide uniform board spacing and alignment.** Install fence construction plumb, straight, securely fastened, and free of excessive gaps, splitting, damaged lumber, or visibly warped members.
18. **Coordinate final fence finish with Owner and Architect.** Where existing fencing is stained, painted, or otherwise finished, provide compatible preparation and finish at new construction to achieve a consistent campus appearance.
19. **Provide fence layout/shed drawings prior to construction** indicating field-verified fence limits, heights, post spacing, gates, grade transitions, connections to existing fencing, and significant conflicts or deviations from the dimensions shown.
20. **Provide complete fence installations** including excavation, footings, posts, rails, boards, gates, hardware, fasteners, finishes, restoration of disturbed grade, and all incidental work necessary for a complete and durable installation.



Construction Documents

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Awnings & Fencing

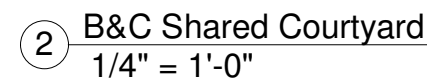
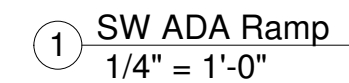
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PLANNING & DEVELOPMENT

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site



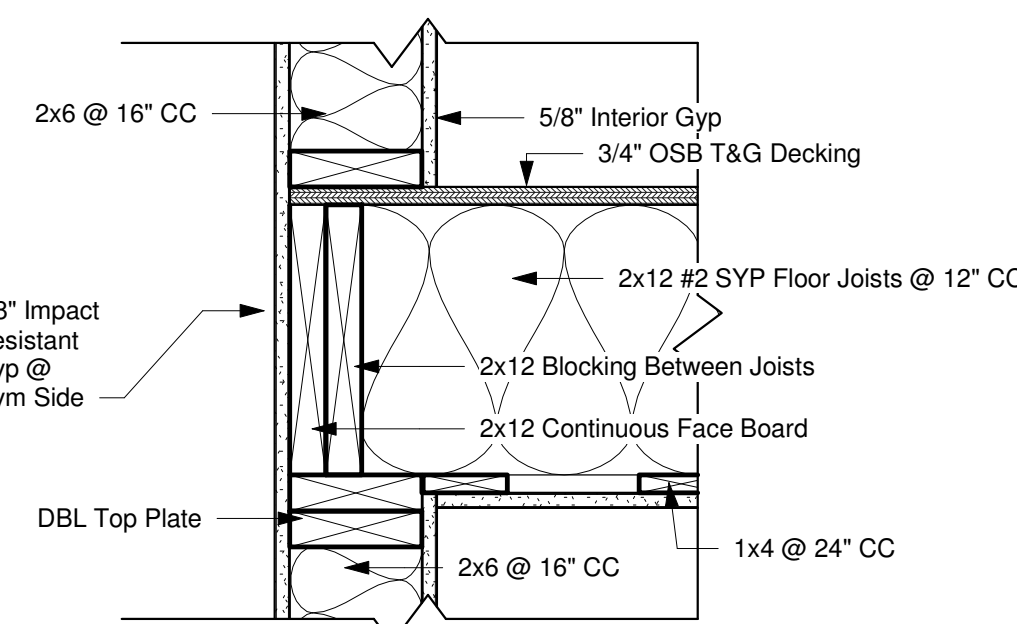
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Structural General Notes

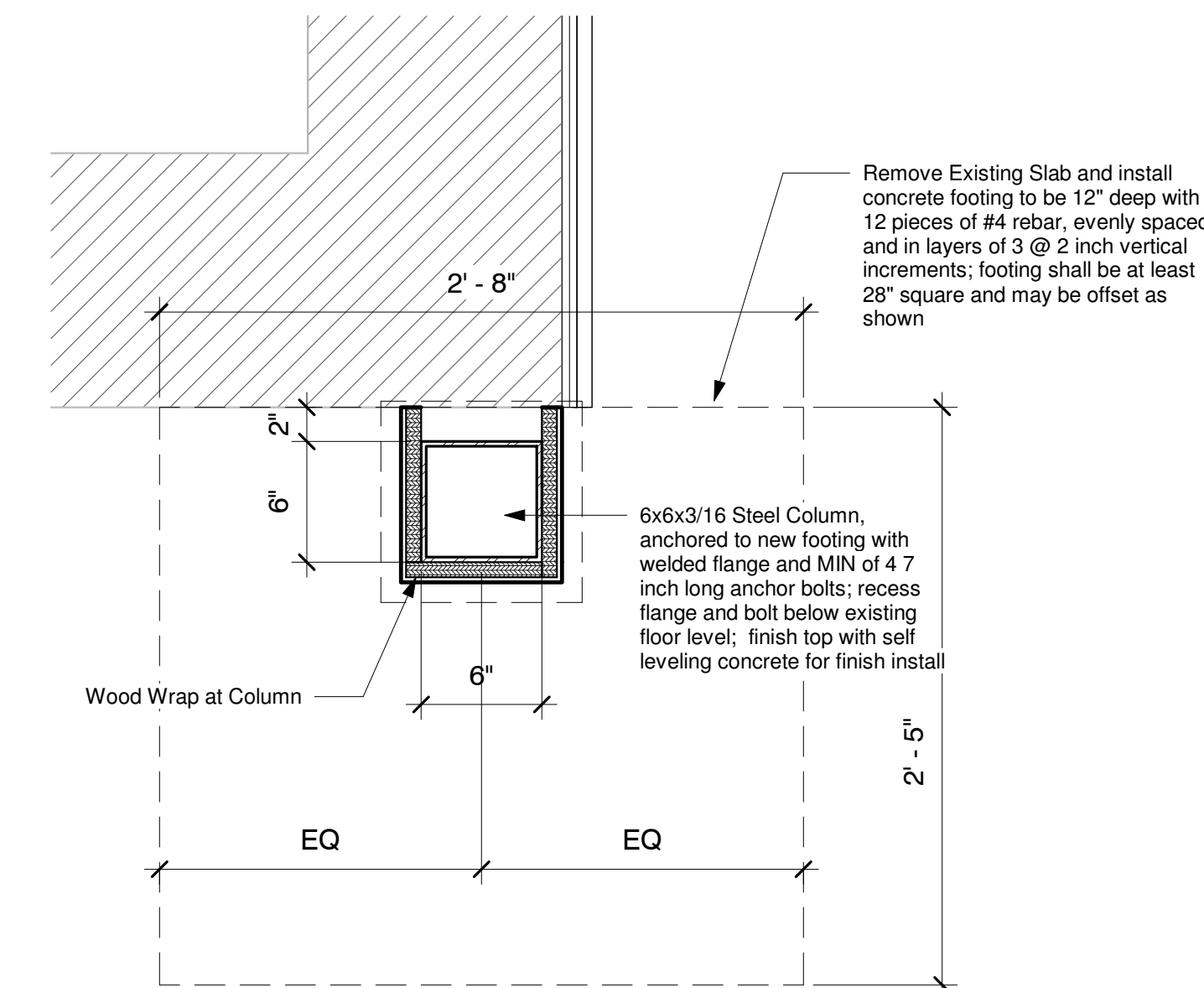
WOOD

- Structural framing plans depict the primary structural framing system. Contractor shall provide secondary and miscellaneous framing as required to complete the project (see architectural drawings).
2. Dressed Seasoned Lumber: S4S, 19% maximum moisture content at time of dressing.
- 2.1. Interior and Exterior Loadbearing Walls:
- Southern Pine, No. 2 grade
- 2.2. Lintels, Floor Joists and Beams:
- Southern Pine, No. 2 grade
- 2.3. Wood in Contact with Concrete or Masonry or Exposed to Weather:
- Foundation grade pressure-treated.
Use galvanized nails in pressure-treated wood.
3. Structural Glued Laminated Timber: Comply with American Institute of Timber Construction (AITC). Minimum allowable bending stress = 2,400 psi (dry).
4. Structural Panels
- 4.1. Floor Panels: Tongue-and-groove APA rated Sturd-I-Floor (plywood or OSB).
- 4.1.1. Panels shall have a Span Rating of 24 and Exposure 1.
- 4.1.2. Panels shall be placed with the "Strength Axis" perpendicular to the supports. End joints shall be staggered.
- 4.1.3. Floor Panels Shall be both glued and nailed
- 4.1.4. Panels shall be nailed with 10d (0.148 dia.) at a maximum of 12 inches at both panel edge supports and at intermediate supports unless noted otherwise. Nailing shall be completed before glue sets.
- 4.1.5. Panels shall have glue applied at supports, end joints and tongue and groove joints. Adhesives shall conform to APA Specification AFG-01 or ASTM D3498, and applied in accordance with the adhesive manufacturer's recommendations. For OSB panels with sealed surfaces, use only solvent-based glues in accordance with panel manufacturer's recommendations.
- 4.2. Wall Panels: APA rated sheathing
- 4.2.1. Panels may be installed either horizontally or vertically.
- 4.2.2. Panels shall be a minimum of 24-inches wide.
- 4.2.3. There shall be a 1/8-inch gap at panel edges and ends.
- 4.3. Roof panels: APA rated sheathing (plywood or OSB).
- 4.3.1. Panels shall have a Span Rating of 40/20 and Exposure 1.
- 4.3.2. Panels shall be placed with the long direction perpendicular to the supports and shall be a minimum of 24-inches wide and continuous over at least 2 supports.
- 4.3.3. Roof panels shall be both glued (exterior glue) and nailed.
- 4.3.4. Long panel edges shall be supported with Edge Clips, one located midway between each support. There shall be a 1/8-inch gap at panel edges and ends.
- 4.3.5. OSB panels shall be installed with the textured side up.
5. Wood Shearwalls
- 5.1. Shearwalls shall be constructed with 15/32" Structural I APA rated wood structural panels. Panels shall be oriented with the long dimension in the vertical direction. Oriented strand board (OSB) may be used in lieu of plywood. OSB panels shall be APA rated and shall comply with Product Standard PS 2.
- 5.1.1. Insulating Sheathing Systems shall not be substituted for wood shearwalls.
- 5.2. Solid 2x blocking shall be provided at unsupported, horizontal panel edges.
- 5.3. Nail panels with 8d nails spaced at 6 inches at the perimeter of the panels and at 12" at intermediate supports, UNO.
- 5.4. Double 2x framing studs shall be used at the ends of each shear wall, UNO.

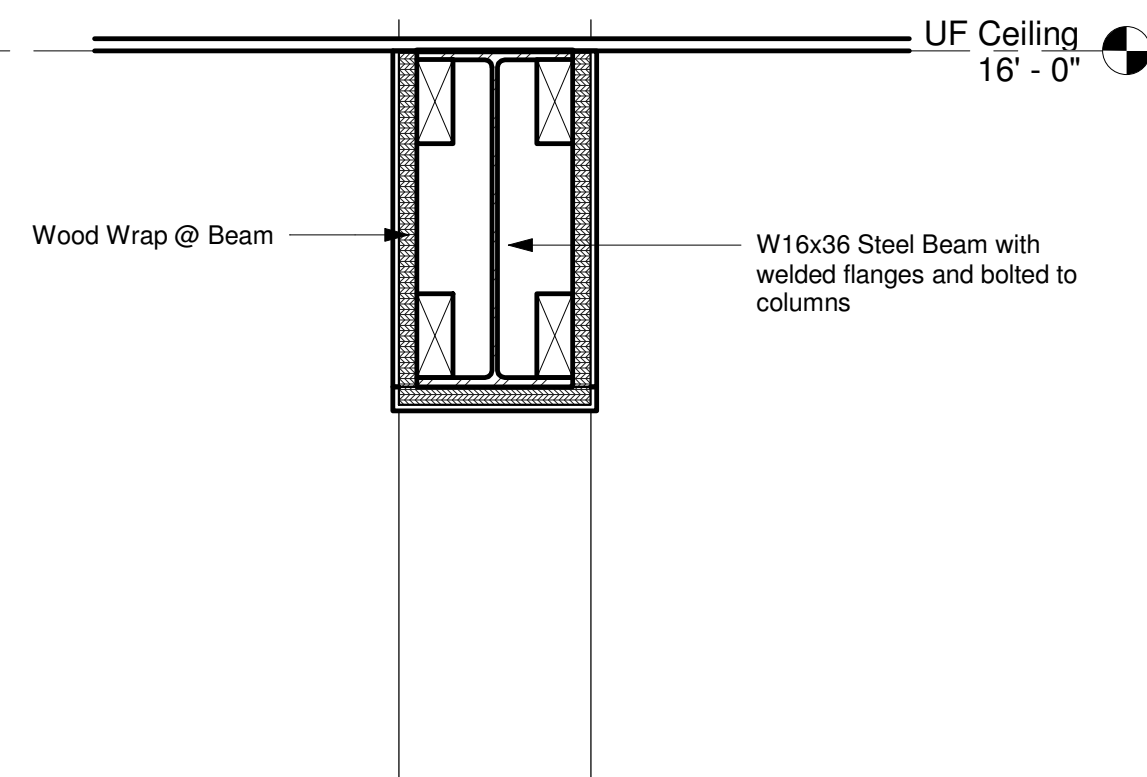
Connections for Structural Timber: Galvanized strong-tie connectors by the Simpson Company or approved



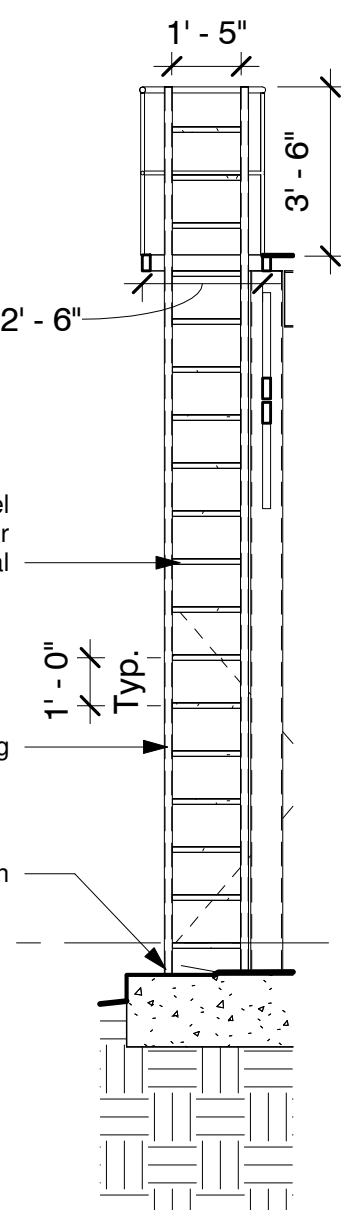
③ Framing @ Floor Joist
1 1/2" = 1'-0"



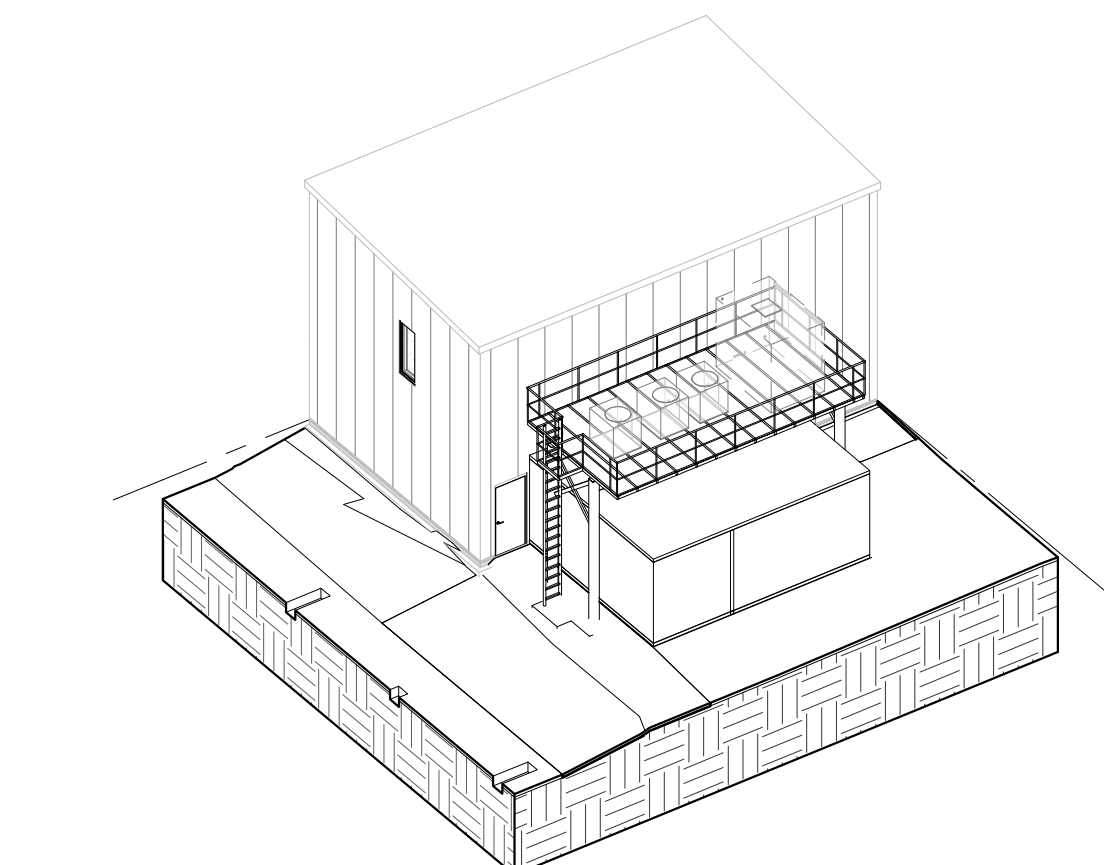
1 Bldg C - Column Detail
1 1/2" = 1'-0"



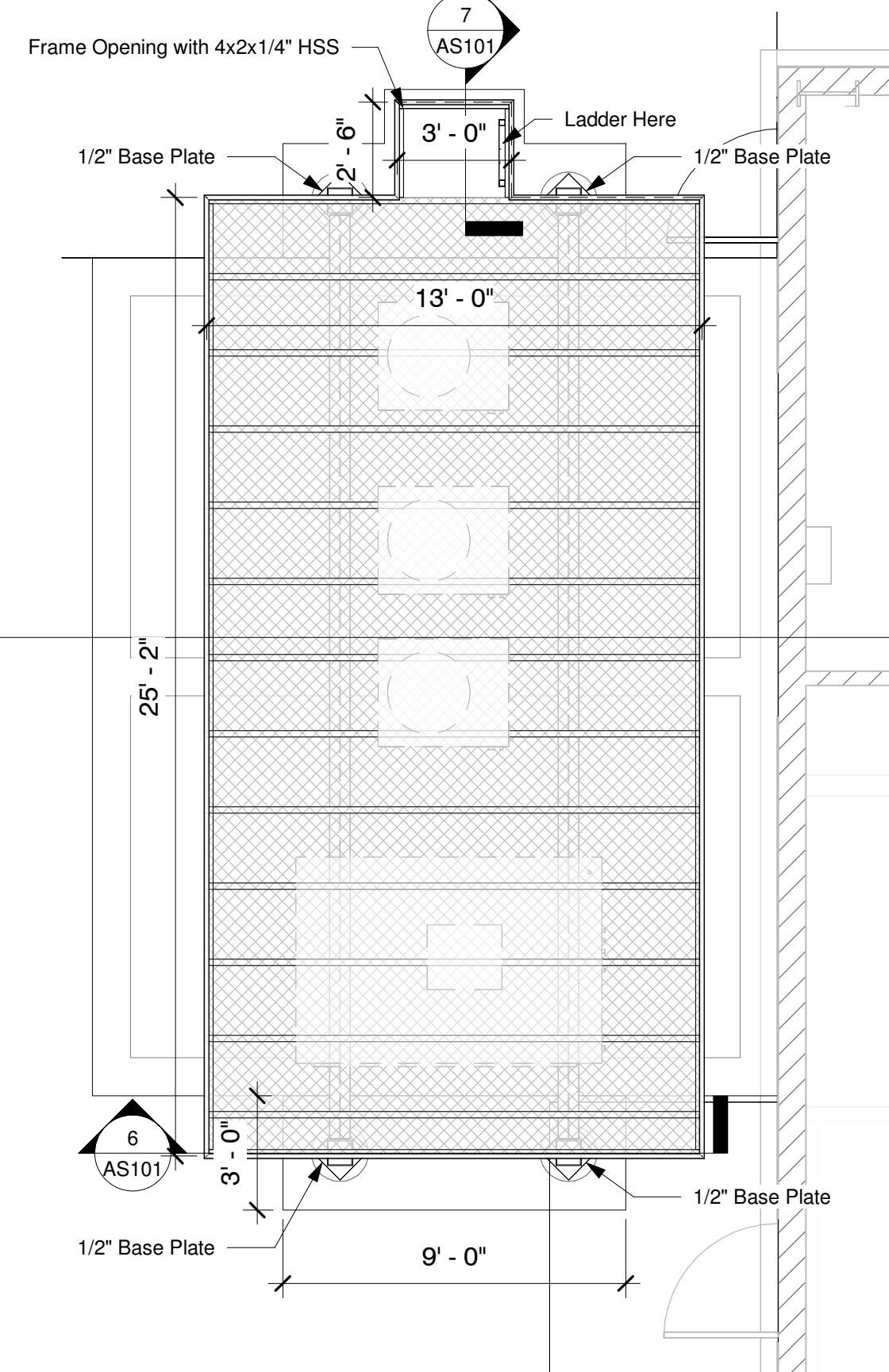
② Bldg C - Opening @ Kitchen - Callout 1
1 1/2" = 1'-0"



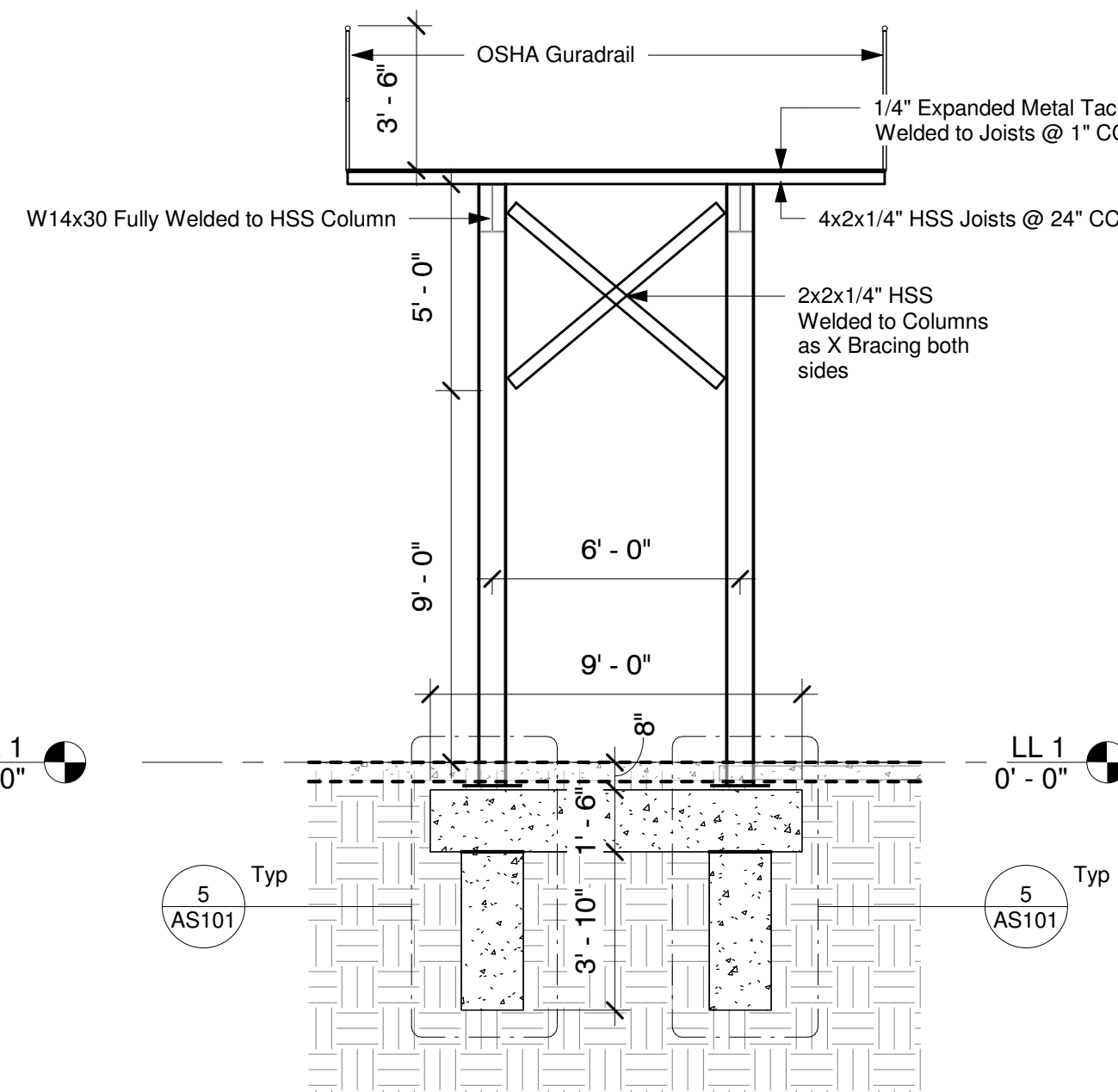
⑦ Equipment Platform Ladder
1/4" = 1'-0"



5 Equipment Platform



④ Building E - Equipment Platform
1/4" = 1'-0"



⑥ Section @ Mech Platform Support
1/4" = 1'-0"

General Structural Notes

STRUCTURAL STEEL / WELDING

1. **STRUCTURAL STEEL MATERIALS** shall conform to ASTM A36 or ASTM A572 Grade 50 for plates, ASTM A992 for W-shapes, ASTM A500 Grade C for HSS, and ASTM A572 Grade 50 for channels. All materials are specified in accordance with the applicable design and specification requirements for dimensional tolerances, straightness, and workmanship.
2. **STRUCTURAL STEEL FABRICATION AND ERECTION** shall conform to the applicable AWS specifications for AWS D1.1 Structural Steel Welding, and AWS D1.5 Structural Steel Erection, bracing, base plates, anchors, and foundations shall provide a complete and stable structural system.
3. **WELDERS SHALL CONFORM TO AWS D1.1** and shall be performed by AWS-certified welders qualified for the welding processes and positions required. Welder qualifications and applicable Welding Procedure Specifications (WPS) shall be maintained at the project site and made available to the project engineer.
4. **USE E70-ER70S ELECTRODES** appropriate for the welding process selected. Provide low hydrogen welding procedures and control preheat, interpass temperature, and heat input in accordance with applicable AWS specifications.
5. **PREPARE WELDING SURFACES** free of loose scale, rust, moisture, grease, paint, galvanizing, and other materials detrimental to welding. Remove slag and clean previously welded areas with wire brushes.
6. **COMPLETED WELDS SHALL BE SOUND AND UNIFORM** and free of cracks, tears, excessive undercut, slag inclusions, and other unacceptable discontinuities. Clean and smooth weld metal surfaces.
7. **WELDING INSPECTION SHALL CONFORM TO AWS D1.1**. Contractor shall provide fabrication and erection inspection as required. Special inspection, where required by the Engineer, shall be performed by a qualified inspector.
8. **Verify welding qualifications and procedures prior to work.** Required inspection, fit-up, welding verification, and control documents shall be maintained and made available for required applicable multi-pass fillet welds and CJP/PJP groove welds.
9. **STUD WELDING** shall conform to AWS D1.1 requirements for headed shear studs at steel deck-to-steel beam connections.
10. **HIGH-STRENGTH BOLTED CONNECTIONS** shall utilize the ASTM grade and type indicated. Install fasteners in accordance with the applicable RSC Specification and applicable requirements for high-strength bolts.
11. **FIELD VERIFY DIMENSIONAL CONDITIONS PRIOR TO FABRICATION.** Do not field cut, drill, torch, modify, relocate, or substitute structural steel members, connections, plates, gusset plates, or stiffeners without the Engineer's approval.
12. **W14x30 TO W14x30 8-1/4" MOMENT CONNECTIONS** shall utilize external diaphragm/collar plates at the top and bottom beam flanges, or an approved engineered equivalent. Provide field welds, and local reinforcement for transfer beam flange forces to vertical shear, and frame moment without local wall welding, punching, crippling, buckling, or excessive distortion. **FINAL CONNECTION DESIGN SHALL BE VERIFIED BY ARCHITECT.**
13. **HSS, PIPE, AND TUBULAR STEEL MEMBERS SHALL BE FULLY ENCLOSED AND SEALED.** Provide continuously welded end plates, caps, closures, and connections as required to prevent the ingress of moisture and contaminants into and inside of members within hollow members. Open ends of HSS, pipe, or tubular members are not permitted. Grout exposed closure welds smooth where required for a finished appearance. Prepare and install closures and welds in accordance with applicable AWS specifications.
14. **PLATFORM DECKING SHALL BE 1/4" MINIMUM RAISED EXPANDED STEEL GRATING,** spanning not more than 24 INCHES between supports. Provide grating and attachments capable of supporting the specified platform live load. Provide an integral slip-resistant walking surface on all platform grating.
15. **PROVIDE 42" HIGH GUARDRAILS AT OPEN PLATFORM EDGES** and intermediate rails, toe protection, gates, and other components where required by applicable IBC and OSHA standards. Guardrails shall be installed in accordance with applicable OSHA and OSHA required loads.
16. **EQUIPMENT SHALL BE POSITIVELY ANCHORED TO THE STRUCTURAL PLATFORM.** Provide equipment framing with actual manufacturer equipment dimensions, support points, operating weights, concentrated reactions, service clearances, vibration isolation, and anchorage requirements prior to fabrication.
17. **ANCHOR RODS AT COLUMN BASES SHALL BE CAST-IN-PLACE ASTM F1554 GRADE 55 HEADED ANCHOR RODS,** unless noted otherwise. Provide size, quantity, spacing, edge distance, and embedment indicated on the Structural Drawings. Set anchor rods rigidly to prevent movement. Post-installed anchors shall not be substituted without Structural Engineer approval.
18. **DO NOT FIELD WELD ANCHOR RODS** unless the specific material, procedure, and weld approval are approved by the Structural Engineer. Welding of anchor rods in the field is prohibited unless specifically engineered and approved.
19. **STRUCTURAL STEEL PROTECTIVE COATING:** Unless indicated to receive another protective coating, provide a minimum of two coats of **RED OXIDIZING IRON-100** and **THREE-420 TWO-COMPONENT EPOXY COATING SYSTEM**. PROVIDE MINIMUM **THREE (3) COATS**, consisting of compatible primer/intermediate/finish coats or a manufacturer's one-coat system. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
20. **TOTAL DRY-FILM THICKNESS SHALL NOT BE LESS THAN THE MANUFACTURER'S** minimum thickness. **REINFORCED CONCRETE SHALL BE PROTECTED WITH A MINIMUM OF TWO COATS OF EPOXY COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
21. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
22. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
23. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
24. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
25. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
26. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
27. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
28. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
29. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
30. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
31. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
32. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
33. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
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35. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
36. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
37. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
38. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
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44. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
45. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
46. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
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48. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
49. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, girders, ladder components, grating, framing, plates, and connections, welds, and fasteners. Apply and cure in accordance with manufacturer's instructions, drydowns, curing, and application shall comply with coating manufacturer's written requirements.
50. **COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCT**

TEMPORARY SUPPORT / ERECTION

1. **CONTRACTOR SHALL MAINTAIN STRUCTURAL STABILITY DURING ALL PHASES OF FABRICATION AND ERECTION.** Provide temporary gys, braces, shores, supports, and other means necessary until the permanent lateral-force-resisting system is complete.
2. **TEMPORARY BRACING SHALL BE DESIGNED TO RESIST ALL LATERAL FORCES, INCLUDING WIND'S MEANS AND METHODS.** Contractor shall be responsible for design, engineering where required, installation, maintenance, monitoring, sequencing, and removal of temporary support systems.
3. **DO NOT RELY ON PARTIALLY COMPLETED MOMENT CONNECTIONS, X-BRACING, DECKING, GUARDRAILS, EQUIPMENT, DUCTWORK, OR THE ADJACENT BUILDING FOR TEMPORARY STABILITY** unless specifically designed for that purpose.
4. **INSTALL PERMANENT BRACING AND SHORING BEFORE REMOVING TEMPORARY SUPPORTS.** Required welds, bolts, braces, anchors, base plates, girds, and supporting concrete shall have sufficient strength before loads are transferred.
5. **SEQUENCE EQUIPMENT INSTALLATION TO MAINTAIN STRUCTURAL STABILITY.** Do not place equipment or concentrated construction loads on incomplete framing.
6. **IMMEDIATELY STOP AFFECTED WORK AND NOTIFY THE STRUCTURAL ENGINEER** if any suspected movement, excessive deflection, deformation, cracking, connection distress, or other evidence of structural instability occurs.



Construction Documents		
Revision	#	Rev Date

Structural Framing

AS101

CAST-IN-PLACE CONCRETE

- ## 1. Concrete Properties

	28-Day, f_c (min.) (max.)	w/cm Ratio	Entrained Air
Footings (Isolated / Continuous)	4,000 psi	----	None Required
Grade Beams	3,000 psi	----	None Required
Slabs-on-Ground	3,500 psi	0.48	None Required
Slabs on Composite Steel Deck	3,500 psi	0.48	None Required
Mechanical Equipment Pads:			
Interior	3,000 psi	----	None Required
Exterior	3,000 psi	----	5.0 +/- 1.5%
All Other Structural Concrete	4,000 psi	0.40	5.0 +/- 1.5%

Note: All concrete shall be assigned the exposure classes FO, SO, WO, and CO; except concrete in Aggressive Environment shall be assigned the exposure classes F3, S3, W1, and C2 (see ACI 318).

2. Construction Joint Locations: No horizontal construction joints are permitted except as shown on the Structural Drawings. Obtain written consent for additional joints.
3. Pipes or ducts shall not exceed one-third the slab or wall thickness unless specifically detailed. See mechanical and electrical drawings for location of sleeves, accessories, etc.
 - 3.1 Conduit shall not be placed within the slab-on-ground. Conduit shall be installed below the slab on-ground within the granular subbase.
4. Special Finishes: Refer to Architectural Drawings for molds, grooves, ornaments, clips or grounds required to be enclosed in concrete and for location of floor finishes and slab depressions.
5. Defect Repair: Honey-combing, spalls, cracks, etc. shall be repaired. Extent of defective area to be determined by the Structural Engineer.
6. Curing
 - 6.1 Begin curing procedures immediately following commencement of the finishing operation.
 - 6.2 Concrete shall be moist cured in accordance with ACI 308. See Specification for additional information.
 - 6.3 All concrete slabs that are to have exposed stained or polished concrete finish shall be wet cured a minimum of 7 days in strict accordance with ACI 301. The acceptable methods of wet curing are ponding, continuous fogging, continuous sprinkling, or application of mats or fabric kept continuously wet.

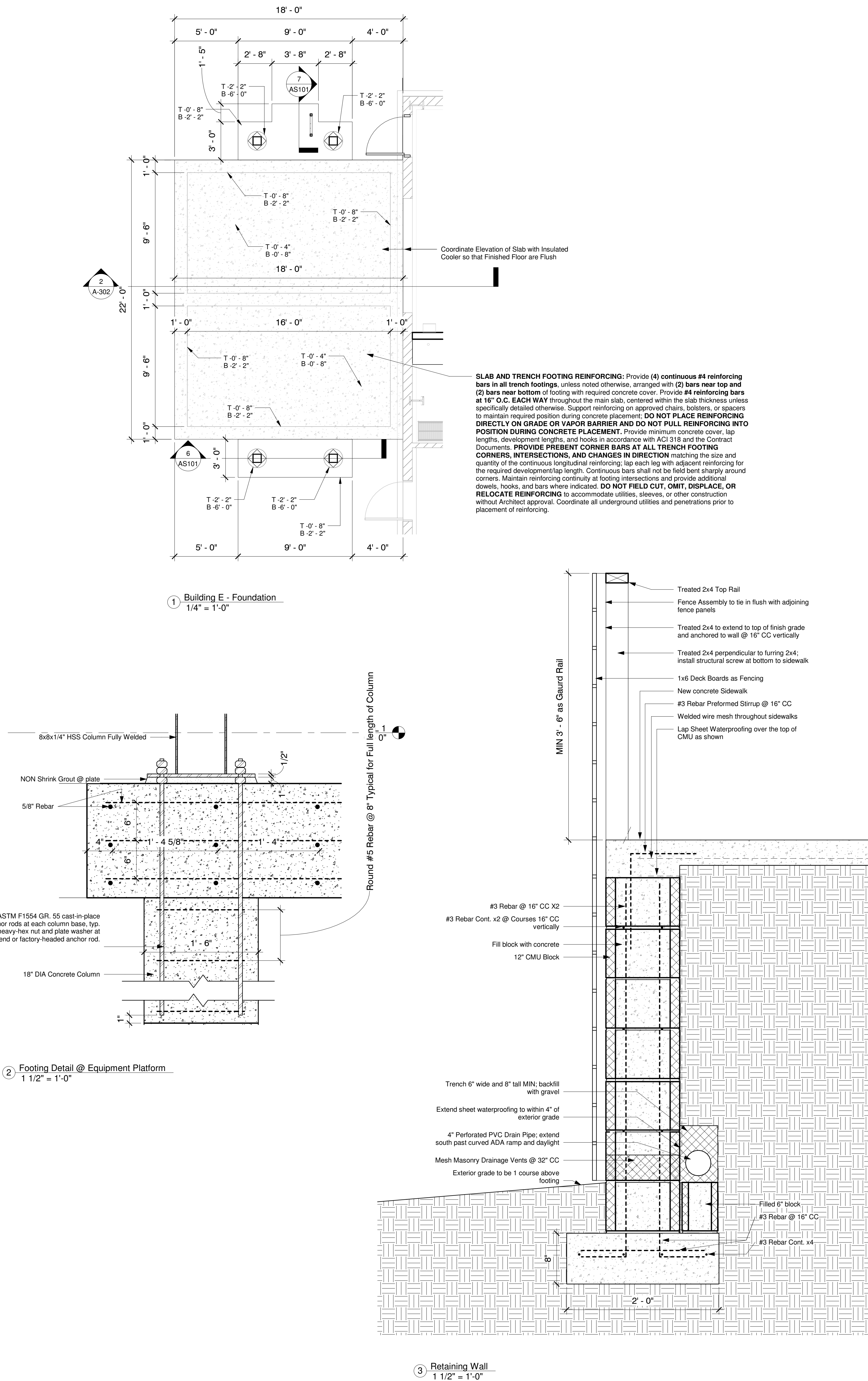
CONCRETE CONSTRUCTION	INSPECTION FREQUENCY	REFERENCED STANDARD
1. Inspection of reinforcing steel placement and installation. Grade, size, quantity, quality, location, spacing, clearances.	P	ACI 318 Ch. 20, 25.2, 25.3, 26.1-26.6.3 / IBC 1908.4
2. Inspection of anchors cast in concrete. Verify compliance of the following: diameter, grade, type, length, number, placement, and embedment depth.	C	ACI 318 17.8.2 / AISC 360 N5.7
3. Inspection of post-installed mechanical anchors installed in hardened concrete members. Verify anchor type, anchor dimensions, hole diameter and cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque.	C	ACI 318 17.8.2 Use of post installed anchors must be approved by Structural Engineer
4. Inspection of post-installed adhesive anchors and reinforcing steel installed in hardened concrete members. Verify adhesive type, anchor rod dimensions, hole diameter and cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque.	C	ACI 318 17.8.2.4 Use of post installed anchors must be approved by Structural Engineer
6. Verify use of required design mix.	P	ACI 318 Ch. 19, 26.4.3-26.4.4 / IBC 1904.1, 1904.2, 1906.2, 1906.3
8. Sampling fresh concrete from concrete discharge. Mold one set of specimens for each 5,000 square feet of slab or each 150 cubic yards for each 5,000 square feet of slab or wall surface area for each concrete design placed in any one day. No fewer than five tests for a given class of concrete for the entire project.		ACI 318 26.5, 26.12 / IBC 1906.10 ASTM C172, ASTM C31
a. Mold (3) 6x6-inch compressive strength cylinders, break and report (1) at 7-days, (2) at 28-days, or mold (4) 6x12-inch compressive strength cylinders, break and report (1) at 7-days, (2) at 28-days.		
b. Remaining specimen(s) shall be broken as directed by the Structural Engineer if compressive strengths do not appear adequate.	C	
c. For each set molded, record: i. Slump ii. Unit Weight iii. Temperature, ambient and concrete iv. Batch and discharge times v. Location and placement vi. Any pertinent information, such as addition of water, addition of admixtures, etc.		
d. Report in writing on the same day as tests are performed. Results of compressive strength tests shall contain the project identification name and number, date of concrete placement, name of concrete testing agency, concrete design compressive strength, location of concrete placement in structure, concrete mix proportions and materials, compressive breaking strength and type of break.		
e. Verify compliance with construction documents.		
f. Verify compliance conveying and placement for proper application techniques.	C	ACI 318 26.5 / IBC 1906.6-1908.8
8. Inspection for maintenance of specified curing and temperature control techniques.		ACI 318 26.5.3-26.5.5 / IBC 1908.9
9. Inspection of formwork for shape, location, and dimensions of the concrete member before formwork removal.		ACI 318 26.11.1,2(b)
10. Perform testing of Floor Flatness and Levelness of concrete slab placements in accordance with ASTM E1155. See specifications.		ACI 117-10

REINFORCEMENT

1. Reinforcing Bars: ASTM A615, Grade 60
 - 1.1 Reinforcing bars are not to be welded.
2. Welded Wire Reinforcement (WWR): ASTM A1064, 8" minimum side and end laps
3. Reinforcement Placement (UNO)
 - 3.1 Concrete Reinforcement Cover

Below Grade:	Unformed	3" clear
Slabs	Formed	2" clear
		3/4" clear
 - 3.2 Masonry reinforcing steel: Place in the center of CMU cells, unless otherwise noted in drawings.
4. Reinforcement Splices
 - 4.1 Reinforcement marked "Continuous" can be spliced at locations determined by Contractor. All other reinforcement shall be spliced only at locations shown or noted, unless approved in writing by Structural Engineer.
 - 4.2 Splice Lengths (UNO)

Concrete Reinforcement: Class B Tension Lap
Masonry Reinforcement: #4 - 24" / #5 - 30" / #6 - 48" / #7 - 60"



General Structural Notes

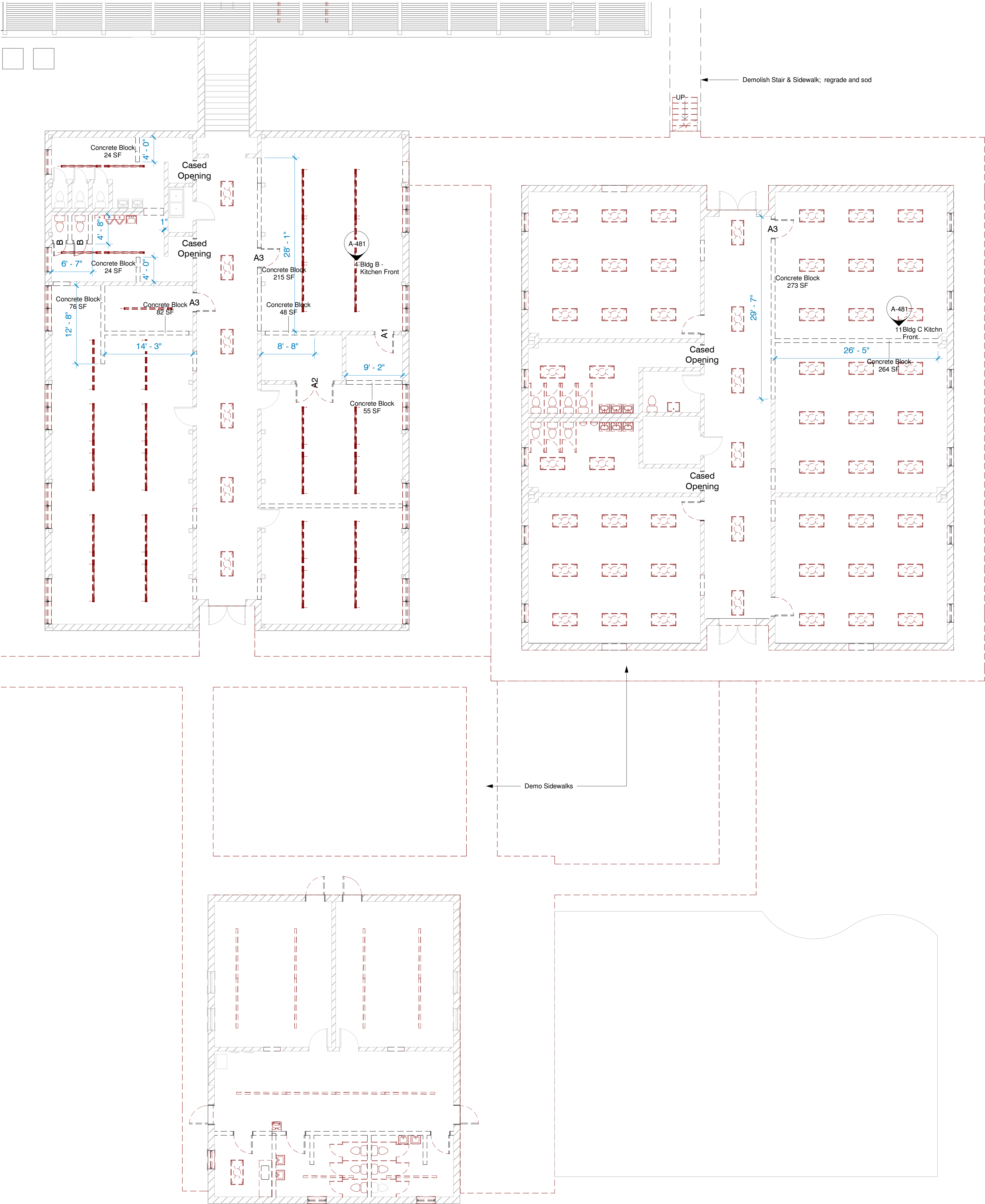
STRUCTURAL STEEL / WELDING

1. **STRUCTURAL STEEL MATERIALS** shall conform to ASTM A36 or ASTM A572 Grade 50 for plates, ASTM A592 for W-shapes, ASTM A500 Grade C for HSS, and ASTM A572 Grade 50 for structural members as specified. All materials shall be furnished in accordance with ASTM requirements for dimensional tolerances, straightness, and workmanship.
2. **STRUCTURAL STEEL FABRICATION AND ERECTION** shall conform to the applicable requirements of AWS D1.1. Welding shall be performed by qualified welders in accordance with the following:
- WELDING SHALL CONFORM TO AWS D1.1** and shall be performed by AWS-certified welders qualified for the welding processes and positions required. Welder qualifications and applicable Welding Procedure Specifications (WPS) shall be maintained at the project site and made available to the owner.
 - USE E70-ER70S ELECTRODES** appropriate for the welding process selected. Provide low-hydrogen welding procedures and control preheat, interpass temperature, and heat input as required by AWS D1.1.
 - PREPARE WELDING SURFACES** free of loose scale, rust, moisture, grease, paint, galvanizing, and other materials detrimental to welding. Remove slag and clean previously welded areas.
 - COMPLETED WELDS SHALL BE SOUND AND UNIFORM** and free of cracks, tears, excessive undercut, slag inclusions, and other unacceptable discontinuities. Clean welds and weld metal shall be free of slag.
 - WELDING INSPECTION SHALL CONFORM TO AWS D1.1.** Contractor shall provide fabrication and erection inspection as required. Special inspection, where required by the engineer, shall be provided by a qualified inspector.
 - Verify welding qualifications and procedures prior to joint preparation. Include inspection for verification of **welder qualifications, WPS, materials, joint preparation, fit-up, welding processes, and connections** as required by AWS D1.1. Welding shall be performed as required for applicable multi-pass fillet welds and CJP/PP groove welds.
 - STUD WELDING** shall conform to AWS D1.1 requirements for headed shear studs at steel deck connections and shall be performed in accordance with the following:
 - HIGH-STRENGTH BOLTED CONNECTIONS** shall utilize the ASTM grade and type indicated. Install connections in accordance with the applicable RCSP Specification and applicable requirements.
 - FIELD VERIFY DIMENSIONS AND CONDITIONS** prior to fabrication. Do not field cut, torch, grind, torch, mill, relocate, or substitute structural steel members, connections, plates, gusset plates, or stiffeners without approval.
 - W14x30 TO HSS 8-x-1/4 MOMENT CONNECTIONS** shall utilize external diaphragm/collar plates at the top and bottom beam flanges, or an approved engineering equivalent. Provide plate welds, and local reinforcement as needed to transfer beam moments, shear, vertical shear, and frame moments. Local yielding, local buckling, crippling, buckling, or excessive distortion. **FINAL CONNECTION DESIGN SHALL BE VERIFIED BY ARCHITECT.**
 - HSS, PIPE, AND TUBULAR STEEL MEMBERS SHALL BE FULLY ENCLOSED AND SEALED.** Provide continuously welded end plates, caps, closures, and connections as required to prevent the entrance and accumulation of water, moisture, debris, and insects into the member.
 - GRIND EXPOSED SURFACES** smooth where required for a finished appearance. Prepare and coat closures and welds to match the specified protective coating system.
 - STEEL DECKING SHALL CONFORM TO THE FOLLOWING:**
 - STEEL GRATING** shall be no more than 24 INCHES between openings. Provide grating and attachments capable of supporting the specified platform live load. Provide an integral slip-resistant walking surface.
 - PROVIDE 42" HIGH GUARDRAILS** on OPEN PLATFORM EDGES and intermediate rails, toe protection, gates, and other components where required by applicable IBC and OSHA standards. Guardrails and their connections shall be designed for applicable code required loads.
 - EQUIPMENT SHALL BE POSITIVELY ANCHORED TO THE STRUCTURAL PLATFORM.** Equipment shall be treated with corrosion-resistant equipment paint. Provide electrical and operating weights, concentrated reactions, service clearances, vibration isolation, and anchorage requirements prior to fabrication.
 - ANCHOR RODS AT THE BASES OF ALL COLUMN BASES SHALL BE CAST-IN-PLACE ASTM A572 GRADE 55 HEADED ANCHOR RODS,** unless noted otherwise. Provide size, quantity, spacing, edge distance, and embedment indicated on the Structural Drawings. Set anchor rods rigidly to the column base. Post-installed anchors shall be installed and shall be substituted without Structural Engineer approval.
 - DO NOT FIELD WELD ANCHOR RODS** unless the specific material, procedure, and weld approval are approved by the Structural Engineer. Anchor rods of ASTM A572 Grade 55 and rods are prohibited unless specifically engineered and approved.
 - STRUCTURAL STEEL PROTECTIVE COATING:** Unless indicated to receive three coats of paint, steel shall be primed with a minimum of two coats of **PRIMER AND ANTI-RUST-GRATE TWO-COMPONENT EPOXY COATING SYSTEM, PROVIDE MINIMUM THREE (3) COATS**, consisting of compatible primer/intermediate/finish coats or a manufacturer's three-coat system. Apply primer and intermediate coats at 24-hour intervals, curing, and application shall comply with coating manufacturer's written requirements.
 - TOTAL DRY-FILM THICKNESS SHALL NOT BE LESS THAN THE MANUFACTURER'S** minimum dry-film thickness.
 - FINISHED HANGERS SHALL BE PROTECTED WITH AN ANTI-RUST-GRATE TWO-COMPONENT EPOXY COATING SHALL BE CONTINUOUS AT ALL EXPOSED STRUCTURAL STEEL,** including beams, columns, bracing, guardrails, ladder components, grating framing, plates, gusset plates, welds, and anchor rods. Apply primer and intermediate coats at 24-hour up field intervals, abrasions, damaged coating, and exposed steel after erection using the manufacturer's compatible repair system.
 - APPLY COATING TO ALL EXPOSED SURFACES REQUIRED TO REMAIN UNCOATED FOR WELDING, SLIP-CRITICAL BOLTED CONNECTIONS, OR OTHER CONNECTION REQUIREMENTS.** After completion and inspection of welding, prepare and coat exposed connection areas to match the specified coating system.
- CONCRETE / REINFORCING**
- CONCRETE CONSTRUCTION SHALL COMPLY WITH ACI 318** and the Contract.
 - REINFORCING SHALL CONFORM TO ASTM A615, 60K PSI CONCRETE AT 28 DAYS** for structural concrete unless noted otherwise.
 - REINFORCING STEEL SHALL CONFORM TO ASTM A615, 60K PSI** unless noted otherwise. Reinforcing shall be clean and free of materials detrimental to bond.
 - Verify dimensions, elevations, utilities, subgrade conditions, footing locations, structural framing, and adjacent construction **prior to excavation, forming, reinforcing, or concrete placement.**
 - PROVIDE REINFORCING AS INDICATED** and securely support reinforcing in its proper position with chairs, spacers, ties, or approved supports. Do not place reinforcing directly on subgrade.
 - PROVIDE REQUIRED CONCRETE COVER, DEVELOPMENT LENGTHS, LAPS, HOOKS, DOWELS, AND ANCHORAGE** in accordance with ACI 318 and the Structural Drawings.
 - POST-INSTALLED REINFORCING AND ANCHORS,** where specifically permitted, shall utilize products indicated or approved by the Structural Engineer and shall be installed in accordance with the manufacturer's written instructions and approved test reports.
 - PROVIDE SUITABLE BEARING AND SUBGRADE CONDITIONS.** Do not place concrete over disturbed or unsuitable material, standing water, debris, organic material, or unstable subgrade.
 - PLACE AND CONSOLIDATE CONCRETE** to eliminate voids and honeycombing without segregation. Construction joints shall occur only at indicated or approved locations.
 - FORM AND CURING:** Formwork shall be designed to support the weight of concrete. Do not impose structural or construction loads until concrete has developed sufficient strength to safely support such loads.
 - CONCRETE COLUMN REINFORCING LAPS AND ANCHOR RODS WITH CONCRETE CONSTRUCTION.** Verify reinforcing, anchor rod templates, elevations, projections, base plates, and grout space prior to concrete placement.
 - DO NOT SHORING OR BRACING OF CONCRETE STRUCTURAL GROUT COMPLETELY BENEATH STEEL BASE PLATES** after columns have been erected, plumbed, aligned, and temporarily stabilized.
 - ANCHOR ANCHOR RODS SHALL BE FULLY POSITIONED AND SECURED PRIOR TO CONCRETE PLACEMENT.** Do not wet-set anchor rods into partially placed concrete. Protect threads during concrete placement and construction.
 - 12" DIAMETER COLUMN REINFORCING SHALL BE FULLY POSITIONED AND SECURED PRIOR TO CONCRETE PLACEMENT.**
 - EQUIPMENT-PLATFORM COLUMN FOOTINGS WERE INDICATED.** Pier shall be centered beneath the associated footing column unless noted otherwise and shall be reinforced and integrally connected to the footing as indicated.
 - PROVIDE AN ANTI-RUST-GRATE TWO-COMPONENT EPOXY COATING TO ALL CONTINUOUS STRUCTURAL LOAD PATH.** Develop vertical pier reinforcing into the footing in accordance with ACI 318. Do not treat the drilled pier as an unreinforced concrete pier.
 - PROTECT ALL EXPOSED SURFACES FROM DAMAGE DURING CONSTRUCTION.** **UP, LIFT, SLIDING, OVERTURNING, AND SOIL-BEARING DEMANDS** produced by the supported structure and lateral-force-resisting system. Allowable vertical soil bearing capacity shall not be exceeded for design and construction.
 - DO NOT RELOCATE REINFORCING AND ANCHORS, PIERS, FOUNDATIONS, OR STRUCTURAL CONCRETE** to accommodate field conflicts without Structural Engineer review and approval.
 - PROVIDE CONTINUOUS 10-MIL MINIMUM POLYETHYLENE VAPOR/WATER BARRIER**

TEMPORARY SUPPORT / ERECTION

1. **CONTRACTOR SHALL MAINTAIN STRUCTURAL STABILITY DURING ALL PHASES OF FABRICATION AND ERECTION.** Provide temporary gys, braces, shores, supports, and bracing needed to maintain structural stability of the structure during construction. **TEMPORARY BRACING AND ERECTION PROCEDURES ARE THE CONTRACTOR'S RESPONSIBILITY.**
2. **DESIGN AND METHOD OF ERECTION SHALL BE APPROVED BY THE ENGINEER** before construction. The contractor shall submit a detailed erection plan, including required installation, maintenance, monitoring, sequencing, and removal of temporary support systems.
3. **DO NOT RELY ON PARTIALLY COMPLETED MOMENT CONNECTIONS, X-BRACING, DECKING, GUARDRAILS, EQUIPMENT, DUCTWORK, OR THE ADJACENT BUILDING FOR TEMPORARY STABILITY** unless specifically designed for that purpose.
4. **REMOVE PERMANENT BRACING AND SHORES IMMEDIATELY AFTER THE BRACING BEFORE REMOVING TEMPORARY SUPPORTS.** Required weights, ties, braces, anchors, shores, girts, girders, and supporting concrete shall have sufficient strength before loads are transferred.
5. **SEQUENCE EQUIPMENT INSTALLATION TO MAINTAIN STRUCTURAL STABILITY.** Do not remove equipment until the structure is capable of supporting the equipment.
6. **IMMEDIATELY STOP AFFECTED WORK AND NOTIFY THE STRUCTURAL ENGINEER** if unexpected movement, settlement, deformation, cracking, structural distress, or other signs of structural distress are observed.





General Demolition Notes

1. VERIFY EXTENTS OF DEMOLITION IN FIELD. Do not scale drawings. Report conflicts or unknown conditions to Architect before proceeding.
2. PROTECT EXISTING TO REMAIN. Provide dust barriers, floor protection, corner guards, and coverings at adjacent finishes, doors, windows, and equipment. Maintain egress and life safety at all times.
3. SELECTIVE DEMOLITION ONLY. Remove items shown or noted; items not called out shall remain and be protected.
4. SHORING AND STABILITY. Provide temporary shoring and bracing where demolishing walls, openings, or supports that affect structure; coordinate with Engineer prior to removal.
5. CUT, CAP, AND MAKE SAFE. Disconnect, cap, and label all utilities serving demolished items (power, low-voltage, plumbing, gas, condensate, sprinkler drops) back to source or nearest active branch as directed.
6. MEP COORDINATION. Coordinate fixture and device removals with mechanical, plumbing, electrical, fire alarm, and sprinkler trades. Provide safe temporary terminations and maintain service to occupied areas.
7. HAZARDOUS MATERIALS. If suspect materials are encountered (asbestos, lead paint, mold, PCBs), stop work and notify Owner/Architect. Do not disturb until testing and abatement are complete by licensed contractor.
8. SAWCUTTING AND CORE DRILLING. Layout cuts; verify reinforcement, embeds, and utilities with GPR or x-ray before cutting. Provide straight, plumb edges; protect adjacent slabs and walls; provide dust and slurry control.
9. PATCH AND MAKE GOOD. Where items are removed, patch substrates to match adjacent construction: infill studs and sheathing, install gyp board, tape and finish, infill masonry toothing, and floor patch to receive new finish.
10. FLOORING REMOVAL. Remove existing floor finishes, adhesives, and setting beds where indicated; leave substrates clean, flat, and ready for new work per manufacturer tolerances.
11. CEILING DEMO. Remove ACT, grid, and hangers where indicated; remove abandoned hangers and wires; make MEP safe and supported independently of ceiling system.
12. WALL AND DOOR OPENINGS. Cut new openings clean and true; provide temporary lintels/shoring as required until permanent framing is installed; protect exposed edges.
13. CASEWORK, MILLWORK, AND EQUIP. Remove and dispose unless noted salvage; disconnect services; patch walls, floors, and ceilings at removal locations.
14. SALVAGE FOR REUSE. Items marked SALVAGE shall be carefully removed, tagged, and stored as directed by Owner. Provide protection and deliver to designated location on site.
15. FIXTURES AND DEVICES. Remove abandoned conduit, cable, boxes, piping, and supports back to nearest active junction or main; blank and cover unused openings with code-compliant plates.
16. FIRE-RATED ASSEMBLIES. Maintain integrity of rated walls, floors, and ceilings. Provide listed firestopping at all penetrations and at demolition edges that expose rated construction.
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Demo Wall Schedule

Type	Instances	Area	Length	Description
Concrete Block	20	1920 SF	250'	Repair or Infill with Like Material; key in new block if Masonry
Grand total: 20		1920 SF	250'	

Demo Door Schedule

Type Mark	Type	Count	Type Comments	#
A3	Commercial Flush Door with Window	13		A3
A2	Double Flush Panel Commercial Door	1		A2
A1	Flush Panel Commerical Door	1		A1
B	Toilet Doors	2		B
Grand total: 17				

Demo Ceiling Schedule

Type	Area	Perimeter	Type Comments
2x4 Demo	4824 SF	1029'	
Generic	275 SF	115'	
Grand total: 12	5099 SF	1145'	

Demo Lighting Fixture Schedule

Type	Count	Comments
2'x4'(4 Lamp) - 120V	62	
Hanging Halogen Lighting	63	
Grand total: 125		

Mercy House Womens Campus

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

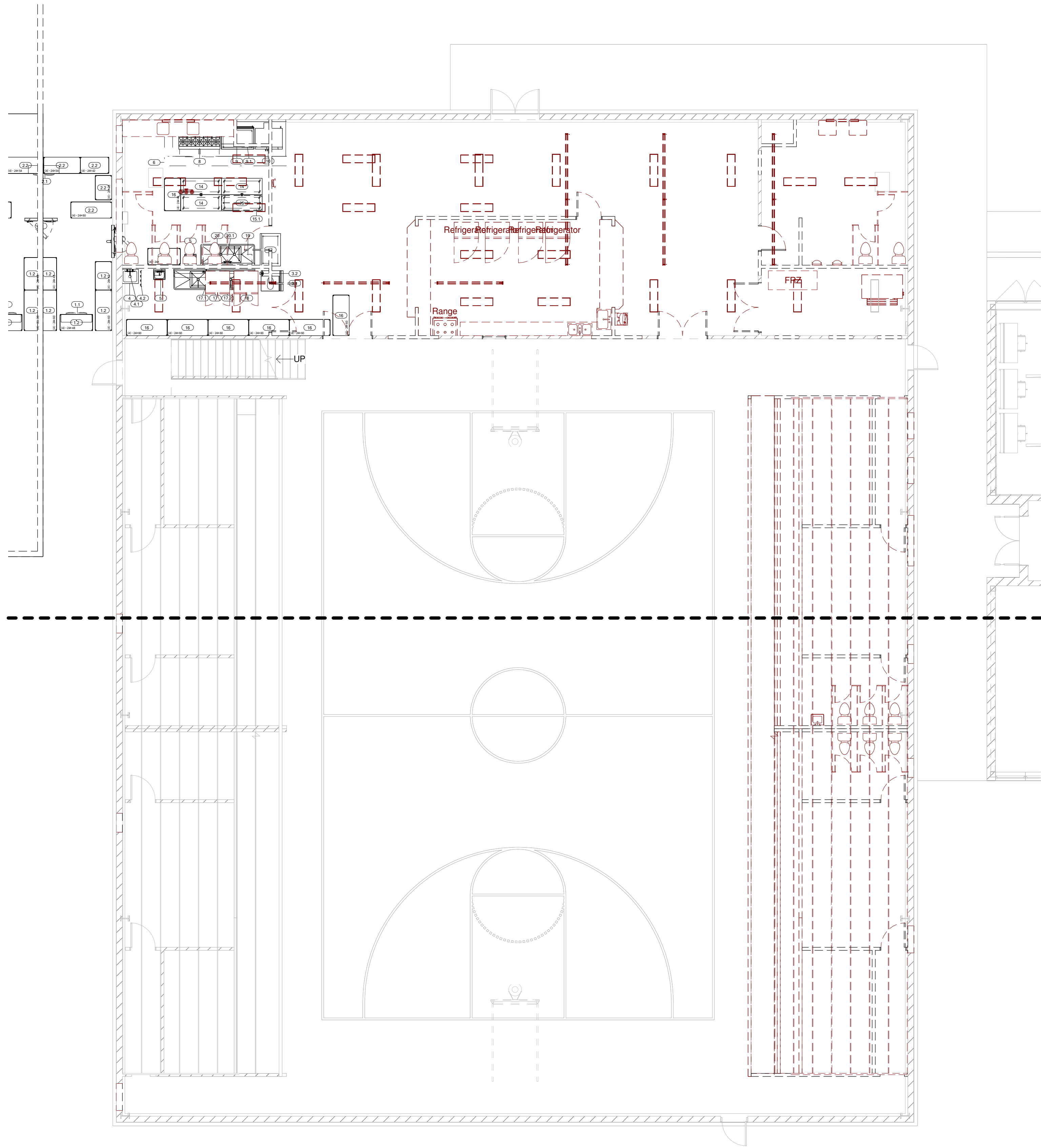


Construction Documents

Revision # Rev Date

Demolition

AD101



1 Gym Floor Plan Demo
1/8" = 1'-0"

General Demolition Notes

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Demo Wall Schedule - Gym Phase

Type	Instances	Area	Length	Description
Generic - 8" - Filled	6	2590 SF	197'	
Interior - 3 1/2" Standard	35	5110 SF	748'	New 3.5" WD Stud with 5/8" Gyp Both Sides
Grand total: 41		7700 SF	945'	

Demo Door Schedule - Gym Phase

Type Mark	Type	Count	Type Comments	#
9	36" x 84"	2		9
F	36" x 84"	1		F
Co3	120x48	2		Co3
R	144x144	1		R
A2	Double Flush Panel Commercial Door	4		A2
A1	Flush Panel Commerical Door	11		A1

Grand total: 21

Demo Ceiling Schedule - Gym Phase

Type	Area	Perimeter	Type Comments
GWB on Wd Joists	644 SF	196'	
Grand total: 4	644 SF	196'	

Demo Lighting Fixture Schedule - Gym Phase

Type	Count	Comments
1'x4'(2 Lamp) - 120V	29	
Emergency Light with Battery Backup	1	
Hanging Halogen Lighting	9	
Vanity Light	1	
Grand total: 40		

Mercy House Womens Campus



Construction Documents

Revision # Rev Date

Demolition

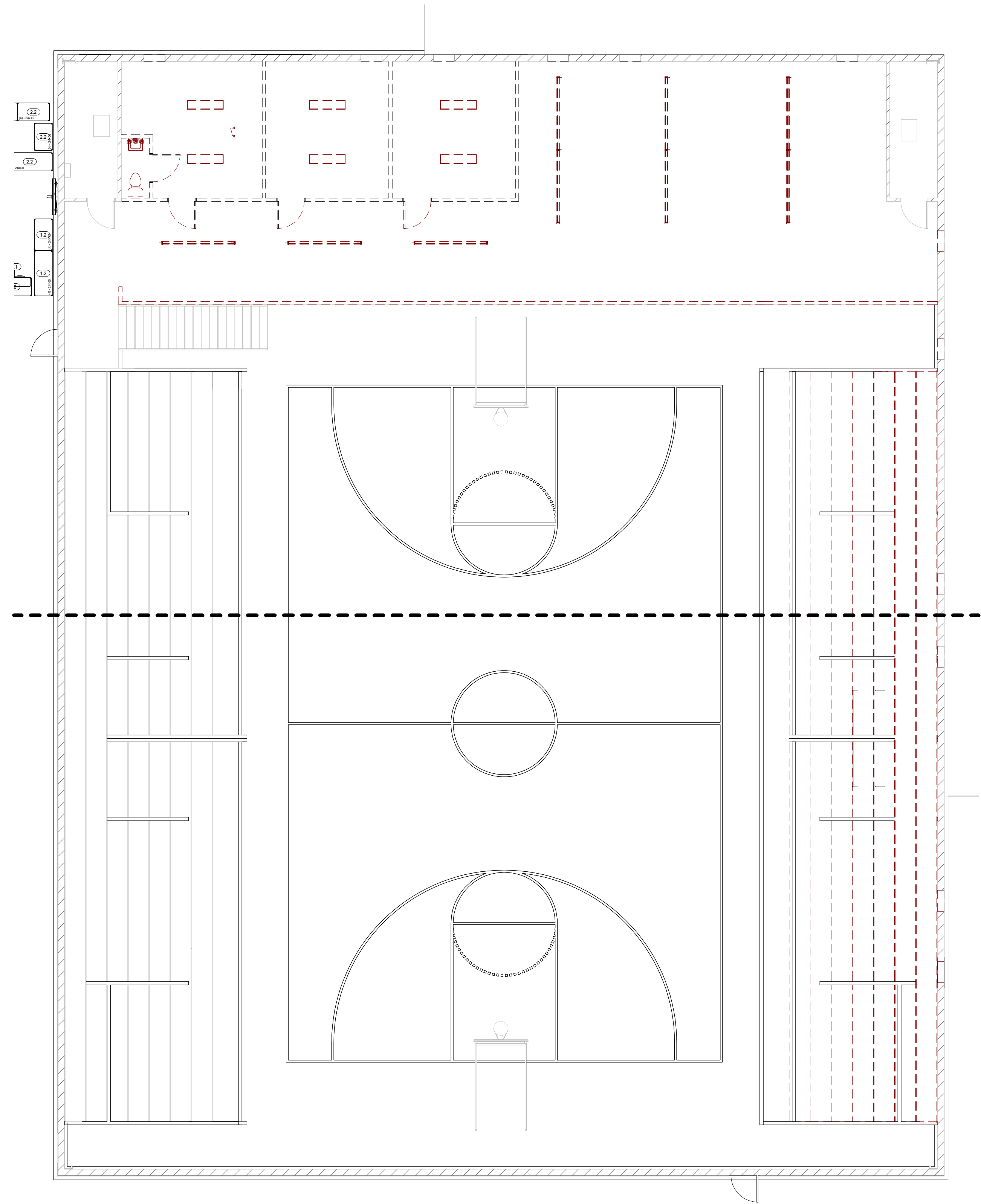
AD102

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site





1 GYM LVL 2 Demo
1/8" = 1'-0"

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Mercy House Womens Campus



Construction Documents

Revision # Rev Date

Demolition

AD103

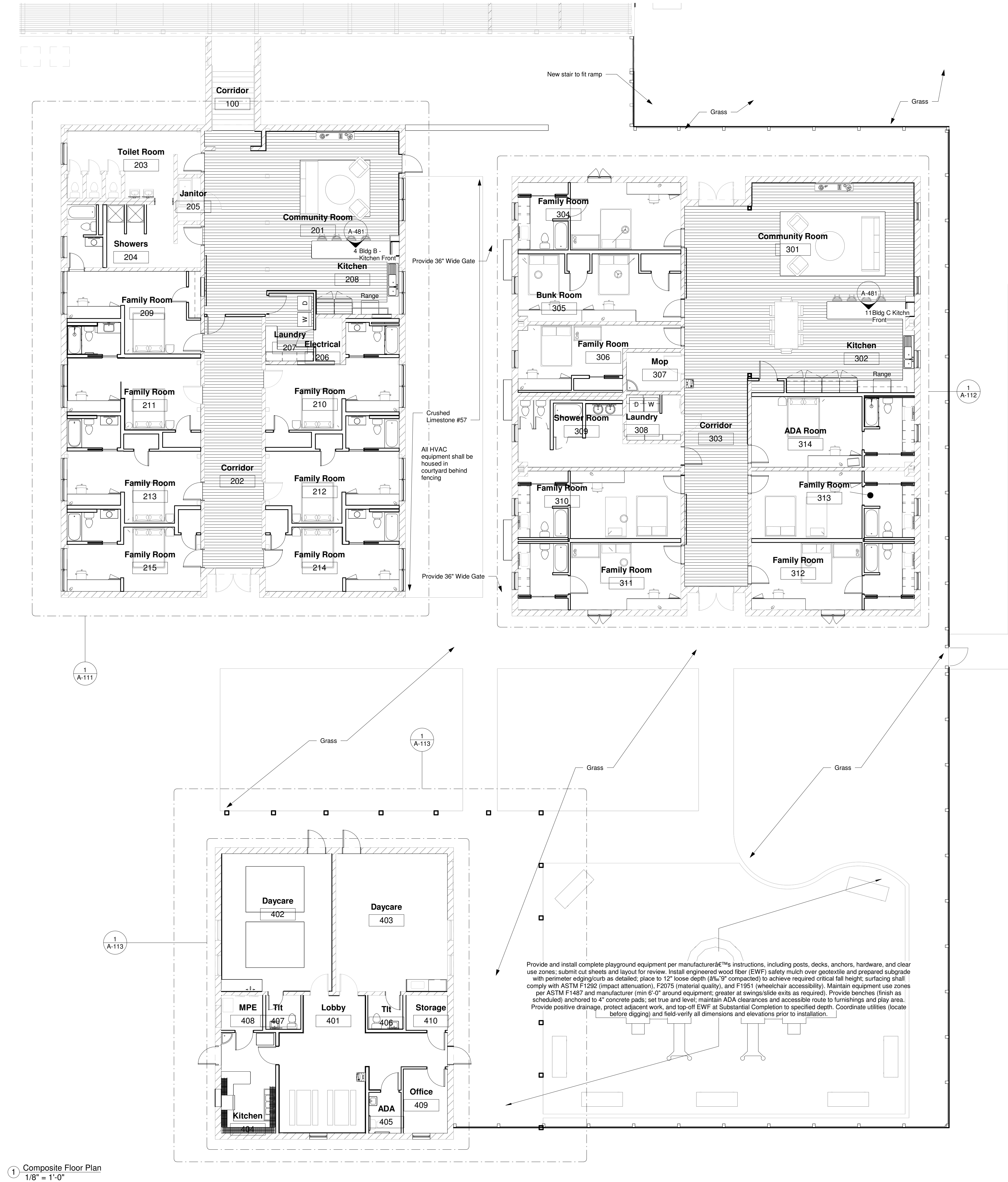


PLANNING & DEVELOPMENT

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site



1 Composite Floor Plan
1/8" = 1'-0"

General Scope

1. Provide new metal-stud and gypsum board partitions per plans; add gypsum furring where indicated.
2. Install new egress-compliant bedroom windows with flashing, trims, and interior repairs at openings.
3. Furnish and install new interior doors/frames/hardware; coordinate clearances and ADA maneuvering at doors.
4. Patch and repair adjacent surfaces affected by new work; deliver plumb, level, and true finishes.
5. Install LVT flooring throughout as shown, including transitions; perform substrate prep and leveling as required.
6. Paint new walls and designated open ceilings; include trims, frames, and touch-up of adjacent affected areas.
7. Provide finish accessories shown on plans (grab bars, dispensers, FE cabinets) with in-wall blocking.
8. Provide new lighting fixtures per RCP; clean/relamp and reuse selected existing fixtures where indicated.
9. Install branch circuitry, switching, emergency lighting, and exit signs as required by code and drawings.
10. Coordinate power for new/modified mechanical and ventilation equipment.
11. Reuse existing HVAC where feasible; repair/modify/extend ducts, diffusers/returns, and controls to suit new layout.
12. Provide new ventilation for toilet and shower rooms, including fans, ductwork, caps, and power/controls.
13. Test, balance, and commission modified HVAC systems serving the work area.
14. Rough-in and trim plumbing for toilet and shower rooms (fixtures, carriers, accessories, trap primers as needed).
15. Connect new plumbing fixtures to existing supply, waste, and vent; restore finishes at penetrations.
16. Modify fire alarm devices/notification for the new layout and coordinate with existing panel and AHJ.
17. Coordinate sprinkler head relocations or additions where ceiling/partition changes require (if system exists).
18. Provide and mount portable fire extinguishers to meet travel distance and rating requirements.
19. Field-verify dimensions and existing conditions prior to layout; submit RFIs for conflicts.
20. Provide required submittals (product data, shop drawings, color chips/mockups) for Owner approval.
21. Protect existing improvements to remain; perform daily cleanup and lawful debris disposal.
22. Produce as-built redlines at closeout showing device locations, circuits, and deviations from drawings.
23. Maintain compliance with 2010 ADA clearances and the currently adopted codes throughout the work.

General Floor Plan Notes

1. **DO NOT SCALE DRAWINGS.** CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, OPENINGS, ELEVATIONS, AND UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING.
2. CONTRACTOR SHALL COORDINATE ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, LOW VOLTAGE, AND EQUIPMENT REQUIREMENTS PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY CONFLICTS BEFORE PROCEEDING.
3. DIMENSIONS ARE TO FINISH FACE OF WALL UNLESS NOTED OTHERWISE. GRID LINES, COLUMN CENTERLINES, AND STRUCTURAL CONTROL LINES SHALL GOVERN WHERE APPLICABLE.
4. FIELD VERIFY ALL EXISTING WALL THICKNESSES, MASONRY CONDITIONS, STRUCTURAL MEMBERS, OPENINGS, AND EXISTING UTILITIES PRIOR TO FRAMING NEW CONSTRUCTION. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE MODIFY STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER. PROVIDE ALL REQUIRED HEADERS, LINTELS, AND STRUCTURAL SUPPORTS AS SHOWN ON THE STRUCTURAL DRAWINGS.
5. CONSTRUCT ALL NEW WALLS IN ACCORDANCE WITH THE PARTITION TYPES INDICATED. PROVIDE ALL REQUIRED DEFLECTION TRACKS, CONTROL JOINTS, FIRESTOPPING, ACOUSTICAL SEALANT, AND SMOKE SEALS AS REQUIRED. WHERE EXISTING CMU WALLS ARE INDICATED TO REMAIN, PROVIDE 7/8" METAL FURRING CHANNELS FASTENED DIRECTLY TO THE CMU AT 24" O.C. WITH 5/8" GYPSUM WALLBOARD UNLESS NOTED OTHERWISE. COORDINATE DOOR JAMBS, WINDOW RETURNS, ELECTRICAL DEVICES, PLUMBING PENETRATIONS, AND OTHER RECESSED ITEMS TO PROVIDE A CONTINUOUS FINISHED WALL SURFACE. ROUTE NEW ELECTRICAL, LOW VOLTAGE, AND SIMILAR SERVICES WITHIN THE FURRED WALL CAVITY WHERE FEASIBLE.
6. PROVIDE MOISTURE-RESISTANT GYPSUM WALLBOARD AT ALL TOILET ROOMS, SHOWER ROOMS, LAUNDRY ROOMS, JANITOR ROOMS, KITCHENS, AND ALL WALLS CONTAINING DOMESTIC WATER, SANITARY, STORM, OR OTHER PLUMBING PIPING. PROVIDE PRESSURE-TREATED WOOD BOTTOM PLATES AT ALL WALLS IN CONTACT WITH CONCRETE OR MASONRY AND USE PRESSURE-TREATED WOOD FRAMING WITHIN THE ABOVE WET AREAS UNLESS NOTED OTHERWISE.
7. PROVIDE 1/2" CEMENTITIOUS BACKER BOARD (CBU) AT ALL WALLS SCHEDULED TO RECEIVE CERAMIC TILE, PORCELAIN TILE, OR STONE TILE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. DO NOT INSTALL TILE DIRECTLY OVER GYPSUM WALLBOARD.
8. COORDINATE ALL DOOR, WINDOW, BORROWED LITE, AND OPENING LOCATIONS WITH THE DOOR SCHEDULES, WINDOW SCHEDULES, ELEVATIONS, DETAILS, AND FINISH PLANS PRIOR TO FRAMING.
9. ALL DOORS, FRAMES, HARDWARE, AND GLAZING SHALL CONFORM TO THE DOOR SCHEDULE. PROVIDE SAFETY GLAZING AT ALL HAZARDOUS LOCATIONS AS REQUIRED BY THE APPLICABLE BUILDING CODE.
10. ALL EXISTING WINDOWS SHALL BE REPLACED WITH NEW. NEW WINDOWS SHALL BE OPERABLE UNLESS NOTED OTHERWISE. PROVIDE EMERGENCY ESCAPE AND RESCUE OPENINGS WHERE REQUIRED BY CODE. NEW WINDOW UNITS SHALL FULLY INFILL THE EXISTING OPENINGS CREATED BY REMOVAL OF EXISTING WINDOWS. CONTRACTOR SHALL FIELD VERIFY ALL OPENING DIMENSIONS PRIOR TO FABRICATION.
11. ALL ACCESSIBLE ROUTES, DOOR MANEUVERING CLEARANCES, TURNING SPACES, MOUNTING HEIGHTS, THRESHOLDS, AND RELATED FEATURES SHALL COMPLY WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
12. MAINTAIN THE CONTINUITY OF ALL FIRE-RATED AND SMOKE-RATED ASSEMBLIES. ALL PENETRATIONS, JOINTS, OPENINGS, AND TRANSITIONS SHALL UTILIZE TESTED AND LISTED SYSTEMS MATCHING THE REQUIRED ASSEMBLY RATING.
13. WHERE CEILINGS ARE INDICATED AS EXPOSED STRUCTURE, COORDINATE THE ROUTING OF DUCTWORK, CONDUIT, PIPING, SPRINKLER PIPING, LIGHT FIXTURES, AND OTHER EXPOSED BUILDING SYSTEMS TO PROVIDE A CLEAN, ORDERLY, AND CONSISTENT INSTALLATION.
14. COORDINATE FINISH FLOOR ELEVATIONS TO PROVIDE SMOOTH, FLUSH TRANSITIONS BETWEEN ADJACENT SPACES. FEATHER AND PATCH EXISTING SURFACES AS REQUIRED TO PROVIDE A CONTINUOUS FINISHED FLOOR.
15. PROVIDE SOLID WOOD OR METAL BLOCKING AS REQUIRED FOR ALL WALL-MOUNTED CASEWORK, CABINETS, TOILET ACCESSORIES, SHELVING, HANDRAILS, GRAB BARS, TELEVISIONS, MONITORS, OWNER-FURNISHED EQUIPMENT, AND OTHER WALL-MOUNTED ITEMS.
16. COORDINATE ALL REQUIRED BACKING, BLOCKING, ACCESS PANELS, CASEWORK, EQUIPMENT, AND OWNER-FURNISHED ITEMS PRIOR TO CLOSING WALLS OR CEILINGS.
17. RECONCILE ALL ROOM NAMES, ROOM NUMBERS, DOOR NUMBERS, PARTITION TYPES, FINISH TAGS, KEYNOTES, DETAILS, AND SCHEDULES PRIOR TO CONSTRUCTION.
18. MAINTAIN REQUIRED EGRESS WIDTHS, CORRIDOR WIDTHS, AND EXIT ACCESS DIMENSIONS. NO CONSTRUCTION SHALL REDUCE REQUIRED CODE-MINIMUM CLEARANCES.
19. EXECUTE ALL WORK PLUMB, LEVEL, TRUE, AND IN PROPER ALIGNMENT. COMPLETED WORK SHALL BE FREE OF DAMAGE, VISIBLE GAPS, MISALIGNMENT, AND OTHER CONSTRUCTION DEFICIENCIES.

Mercy House Womens Campus

Project No 20241215001-B Date 9/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

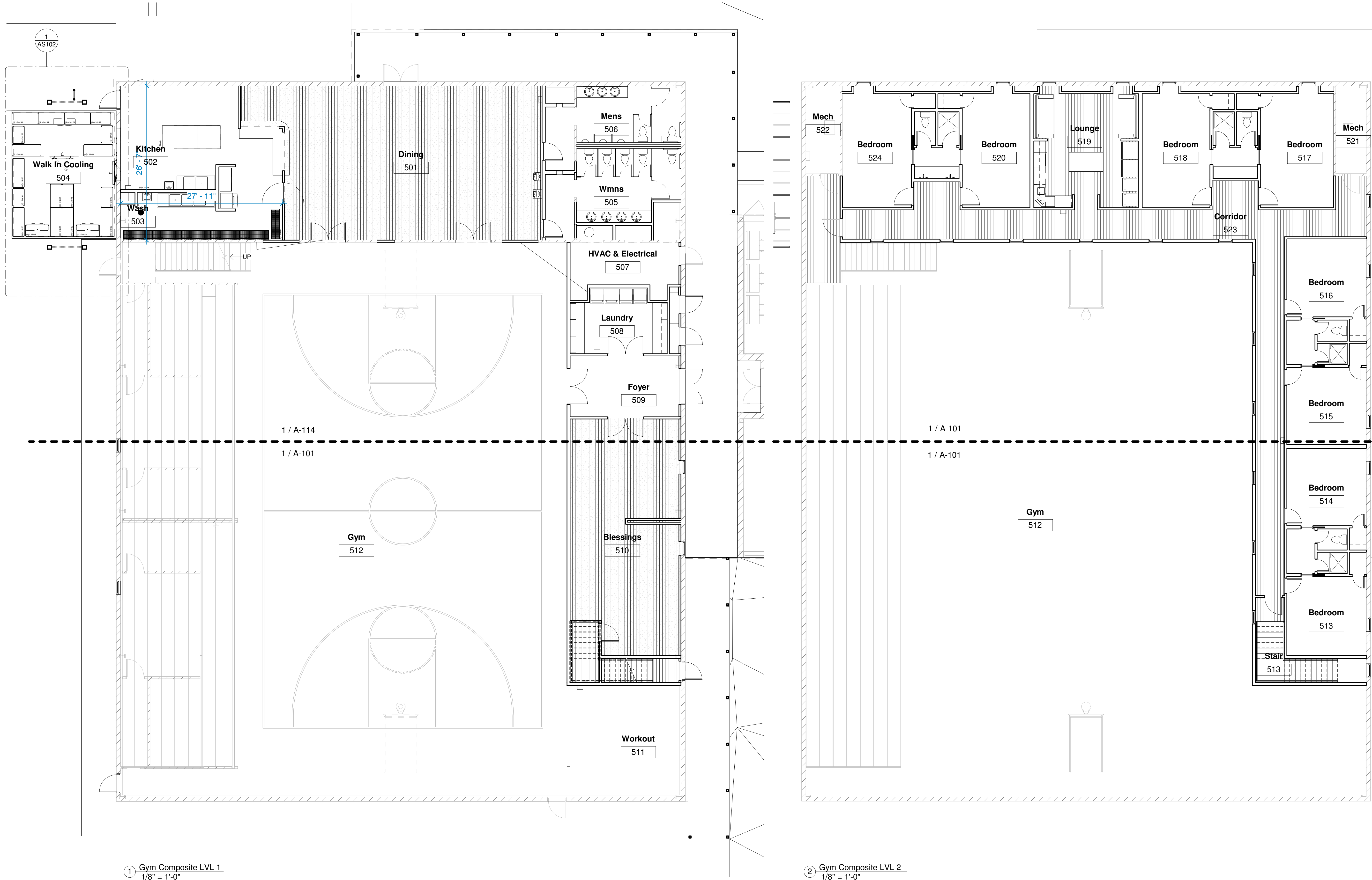


Construction Documents

Revision	#	Rev Date
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Composite Floor Plan - B,
C, & D

A-101



① Gym Composite LVL 1
1/8" = 1'-0"

② Gym Composite LVL 2
1/8" = 1'-0"

General Floor Plan Notes

1. **DO NOT SCALE DRAWINGS.** CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, OPENINGS, ELEVATIONS, AND UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING.
2. CONTRACTOR SHALL COORDINATE ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, LOW VOLTAGE, AND EQUIPMENT REQUIREMENTS PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY CONFLICTS BEFORE PROCEEDING.
3. DIMENSIONS ARE TO FINISH FACE OF WALL UNLESS NOTED OTHERWISE. GRID LINES, COLUMN CENTERLINES, AND STRUCTURAL CONTROL LINES SHALL GOVERN WHERE APPLICABLE.
4. FIELD VERIFY ALL EXISTING WALL THICKNESSES, MASONRY CONDITIONS, STRUCTURAL MEMBERS, OPENINGS, AND EXISTING UTILITIES PRIOR TO FRAMING NEW CONSTRUCTION.
5. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE MODIFY STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER. PROVIDE ALL REQUIRED HEADERS, LINTELS, AND STRUCTURAL SUPPORTS AS SHOWN ON THE STRUCTURAL DRAWINGS.
6. CONSTRUCT ALL NEW WALLS IN ACCORDANCE WITH THE PARTITION TYPES INDICATED. PROVIDE ALL REQUIRED DEFLECTION TRACKS, CONTROL JOINTS, FIRESTOPPING, ACOUSTICAL SEALANT, AND SMOKE SEALS AS REQUIRED.
7. WHERE EXISTING CMU WALLS ARE INDICATED TO REMAIN, PROVIDE 7/8" METAL FURRING CHANNELS FASTENED DIRECTLY TO THE CMU AT 24" O.C. WITH 5/8" GYPSUM WALLBOARD UNLESS NOTED OTHERWISE. COORDINATE DOOR JAMBS, WINDOW RETURNS, ELECTRICAL DEVICES, PLUMBING PENETRATIONS, AND OTHER RECESSED ITEMS TO PROVIDE A CONTINUOUS FINISHED WALL SURFACE. ROUTE NEW ELECTRICAL, LOW VOLTAGE, AND SIMILAR SERVICES WITHIN THE FURRED WALL CAVITY WHERE FEASIBLE.
8. PROVIDE MOISTURE-RESISTANT GYPSUM WALLBOARD AT ALL TOILET ROOMS, SHOWER ROOMS, LAUNDRY ROOMS, JANITOR ROOMS, KITCHENS, AND ALL WALLS CONTAINING DOMESTIC WATER, SANITARY, STORM, OR OTHER PLUMBING PIPING. PROVIDE PRESSURE-TREATED WOOD BOTTOM PLATES AT ALL WALLS IN CONTACT WITH CONCRETE OR MASONRY AND USE PRESSURE-TREATED WOOD FRAMING WITHIN THE ABOVE WET AREAS UNLESS NOTED OTHERWISE.
9. PROVIDE 1/2" CEMENTITIOUS BACKER BOARD (CBU) AT ALL WALLS SCHEDULED TO RECEIVE CERAMIC TILE, PORCELAIN TILE, OR STONE TILE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. DO NOT INSTALL TILE DIRECTLY OVER GYPSUM WALLBOARD.
10. COORDINATE ALL DOOR, WINDOW, BORROWED LITE, AND OPENING LOCATIONS WITH THE DOOR SCHEDULES, WINDOW SCHEDULES, ELEVATIONS, DETAILS, AND FINISH PLANS PRIOR TO FRAMING.
11. ALL DOORS, FRAMES, HARDWARE, AND GLAZING SHALL CONFORM TO THE DOOR SCHEDULE. PROVIDE SAFETY GLAZING AT ALL HAZARDOUS LOCATIONS AS REQUIRED BY THE APPLICABLE BUILDING CODE.
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20. MAINTAIN REQUIRED EGRESS WIDTHS, CORRIDOR WIDTHS, AND EXIT ACCESS DIMENSIONS. NO CONSTRUCTION SHALL REDUCE REQUIRED CODE-MINIMUM CLEARANCES.
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Mercy House Womens Campus



Construction Documents

Revision	#	Rev Date
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Composite Floor Plan - E

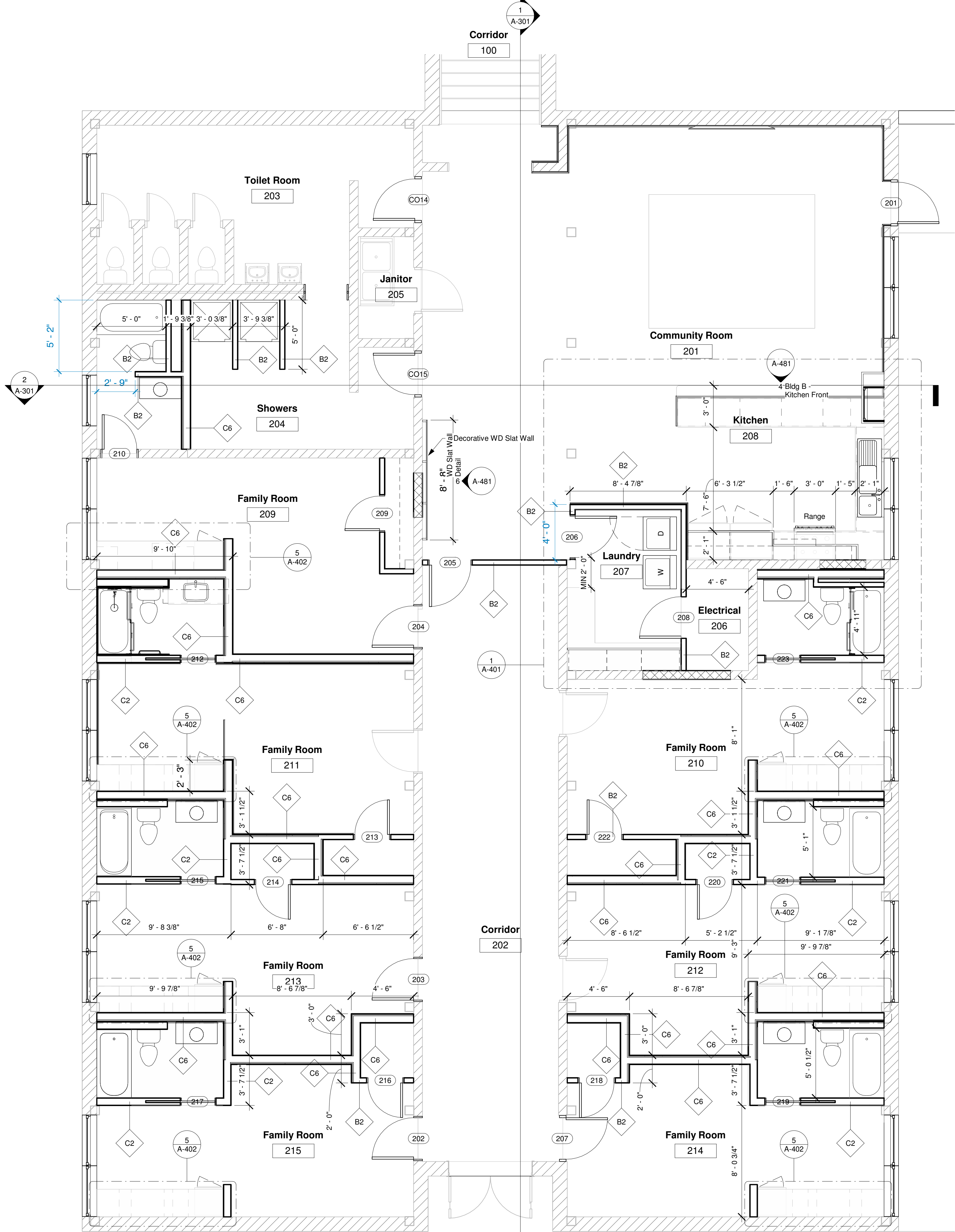
A-102



Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site



1 West Building Floor Plan - Building B
1/4" = 1'-0"

Sheet New Wall Schedule - B, C, & D

Type Mark	Type	Description	Comments	Area	Length	Unconnect ed Height	#
XR1	Concrete Block	Repair or Infill with Like Material; key in new block if Masonry		94 SF	0'		XR1
E1	Exterior - Brick on CMU Existing	All Existing		0 SF	0'		E1
Repairs in Existing							
XR1	Concrete Block	Repair or Infill with Like Material; key in new block if Masonry		2200 SF	280'	10'	XR1
E1	Exterior - Brick on CMU Existing	All Existing		3080 SF	317'	10'	E1
Existing							
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		5280 SF	597'	10'	B2
				778 SF	110'	10'	B2
B1	Interior - 3 1/2" WD Stud w/ 1 Side Gyp	New 3.5" WD Stud with 5/8" Gyp One Side		55 SF	6'	10'	B1
C2	Interior - 5 1/2" Standard	New 5.5" WD Stud wall with 5/8" gypsum		876 SF	99'	10'	C2
		Both Sides					
C6	Interior - 5 1/2" Standard Sound Proof	New 5.5" WD Stud wall with Sound Proof Assembly shown on Partition Schedule		1774 SF	182'	10'	C6
Phase II Construction				3483 SF	396'		

Sheet Door Schedule - B, C, & D

Mark	Height	Width	Frame	Panel	Panel Type	Operation	Locket Type	#
201	7'-0"	3'-0"	Hollow Metal	Painted HM	C	Swing	Keyed Entry with Panic	201
202	7'-0"	3'-0"	Hollow Metal	Painted HM	D	Swing	Privacy	202
203	7'-0"	3'-0"	Hollow Metal	Painted HM	D	Swing	Privacy	203
204	7'-0"	3'-0"	Hollow Metal	Painted HM	D	Swing	Privacy	204
205	7'-0"	3'-0"	Hollow Metal	Painted HM	B	Swing	Passage	205
206	7'-0"	3'-0"	Hollow Metal	Painted HM	D	Swing	Passage	206
207	7'-0"	3'-0"	Hollow Metal	Painted HM	D	Swing	Privacy	207
208	7'-0"	3'-0"	Hollow Metal	Painted HM	D	Swing	Keyed Entry	208
209	7'-0"	2'-6"	Wood	Sealed Wood	E	Swing	Passage	209
210	7'-0"	2'-6"	Wood	Sealed Wood	E	Swing	Privacy	210
212	7'-0"	2'-6"	Wood	Sealed Wood	E	Pocket	Privacy	212
213	7'-0"	2'-6"	Wood	Sealed Wood	E	Swing	Passage	213
214	7'-0"	2'-6"	Wood	Sealed Wood	E	Swing	Passage	214
215	7'-0"	2'-6"	Wood	Sealed Wood	E	Pocket	Privacy	215
216	7'-0"	2'-6"	Wood	Sealed Wood	E	Swing	Passage	216
217	7'-0"	2'-6"	Wood	Sealed Wood	E	Pocket	Privacy	217
218	7'-0"	2'-6"	Wood	Sealed Wood	E	Swing	Passage	218
219	7'-0"	2'-6"	Wood	Sealed Wood	E	Pocket	Privacy	219
220	7'-0"	2'-6"	Wood	Sealed Wood	E	Swing	Passage	220
221	7'-0"	2'-6"	Wood	Sealed Wood	E	Pocket	Privacy	221
222	7'-0"	2'-6"	Wood	Sealed Wood	E	Swing	Passage	222
223	7'-0"	2'-6"	Wood	Sealed Wood	E	Pocket	Privacy	223

General Floor Plan Notes

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Sheet Room Schedule - B, C, & D

Number	Name	Area	Perimeter	Ceiling Type	Wall Finish	Floor Finish	Base Finish	Comments	#
100	Corridor	146 SF	58'	2x2 ACT	CMU (painted)	LVT	Rubber Base		100
201	Community Room	827 SF	156'	Painted Structure & Deck	CMU (painted)	LVT & Carpet Tile	Wood Base		201
202	Corridor	424 SF	106'	2x2 ACT	CMU (painted)	LVT	Wood Base		202
203	Toilet Room	234 SF	102'	Painted Structure & Deck	CMU (painted exterior grade paint)	Ceramic Tile	Tile Cove		203
204	Showers	152 SF	80'	Painted Structure & Deck	CMU (painted exterior grade paint)	Ceramic Tile	Tile Cove		204
205	Janitor	29 SF	23'	Painted Structure & Deck	CMU (painted exterior grade paint)	Ceramic Tile	Rubber Base		205
206	Electrical	33 SF	24'	Painted Structure & Deck	CMU (painted)	Sealed Concrete	Rubber Base		206
207	Laundry	94 SF	39'	Gypsum (painted)	Gypsum (painted)	Ceramic Tile	Rubber Base		207
208	Kitchen	149 SF	50'	Painted Structure & Deck	CMU (painted)	LVT	Wood Base		208
209	Family Room	305 SF	106'	Gypsum (painted) & Exposed Deck (Painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		209
210	Family Room	311 SF	93'	Gypsum (painted) & Exposed Deck (Painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		210
211	Family Room	303 SF	98'	Gypsum (painted) & Exposed Deck (Painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		211
212	Family Room	304 SF	93'	Gypsum (painted) & Exposed Deck (Painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		212
213	Family Room	308 SF	93'	Gypsum (painted) & Exposed Deck (Painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		213
214	Family Room	286 SF	92'	Gypsum (painted) & Exposed Deck (Painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		214
215	Family Room	286 SF	92'	Gypsum (painted) & Exposed Deck (Painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		215
Grand total: 16		4191 SF	1304'						

Mercy House Womens Campus



Construction Documents

Revision # Rev Date

Building B

A-111

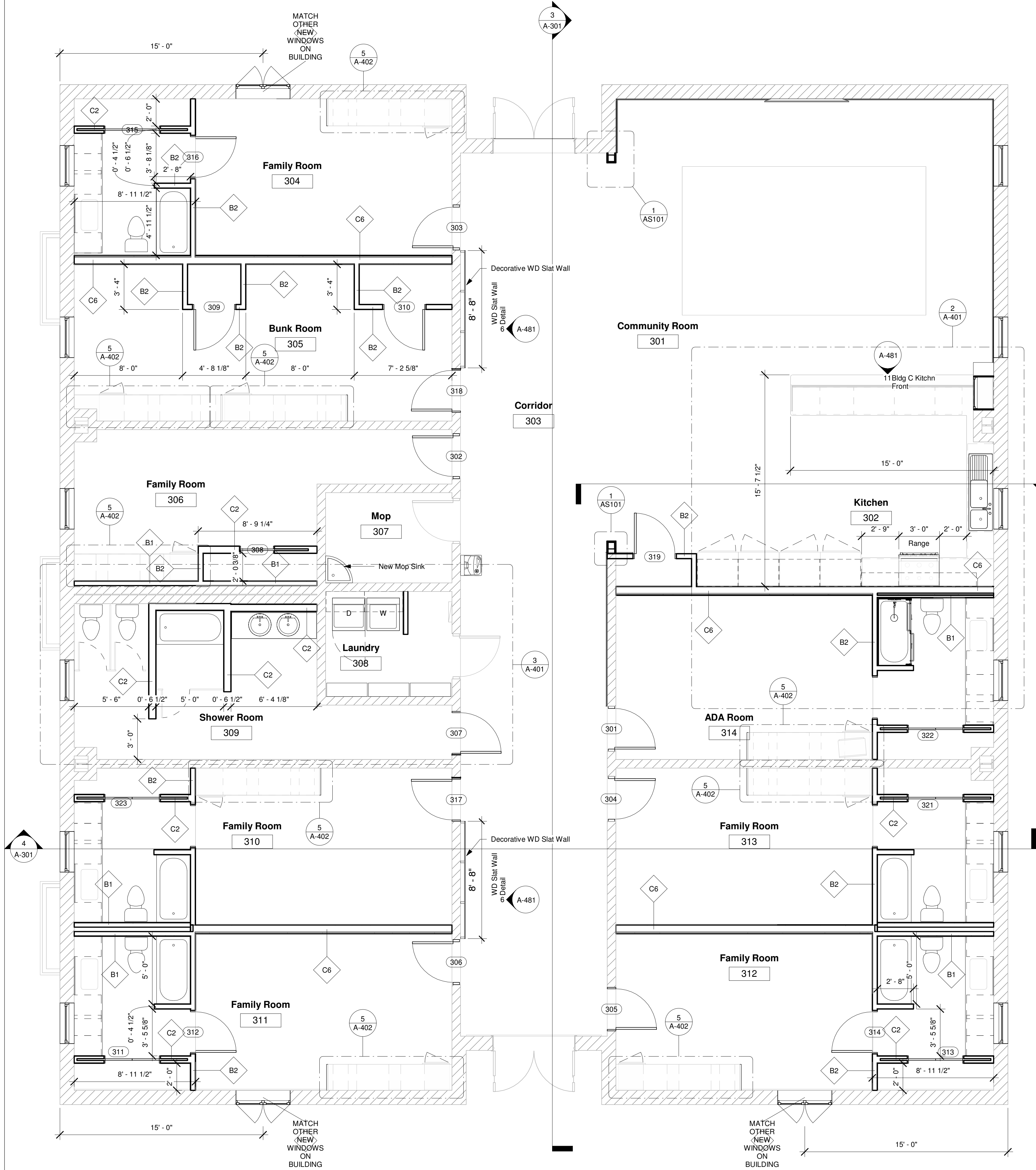


PLANNING & DEVELOPMENT

Project No 20241215001-B Date 9/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site



1 East Building Floor Plan - Building C
1/4" = 1'-0"

Sheet New Wall Schedule - B, C, & D

Type Mark	Type	Description	Comments	Area	Length	Unconnect ed Height	#
XR1	Concrete Block	Repair or Infill with Like Material; key in new block if Masonry		1 SF	0'		XR1
E1	Exterior - Brick on CMU Existing	All Existing		0 SF	0'		E1
Repairs in Existing							
XR1	Concrete Block	Repair or Infill with Like Material; key in new block if Masonry		2505 SF	290'	10'	XR1
E1	Exterior - Brick on CMU Existing	All Existing		2723 SF	303'	10'	E1
Existing							
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		1020 SF	128'	10'	B2
B1	Interior - 3 1/2" WD Stud w/ 1 Side Gyp	New 3.5" WD Stud with 5/8" Gyp One Side		662 SF	65'	10'	B1
C2	Interior - 5 1/2" Standard	New 5.5" WD Stud wall with 5/8" gypsum Both Sides		648 SF	83'	10'	C2
C1	Interior - 5 1/2" Standard Furring	New 5.5" WD Stud wall with 5/8" gypsum One Sides		52 SF	6'	10'	C1
C6	Interior - 5 1/2" Standard Sound Proof	New 5.5" WD Stud wall with Sound Proof Assembly shown on Partition Schedule		976 SF	95'	10'	C6
Phase II Construction				3357 SF	376'		

Sheet Door Schedule - B, C, & D

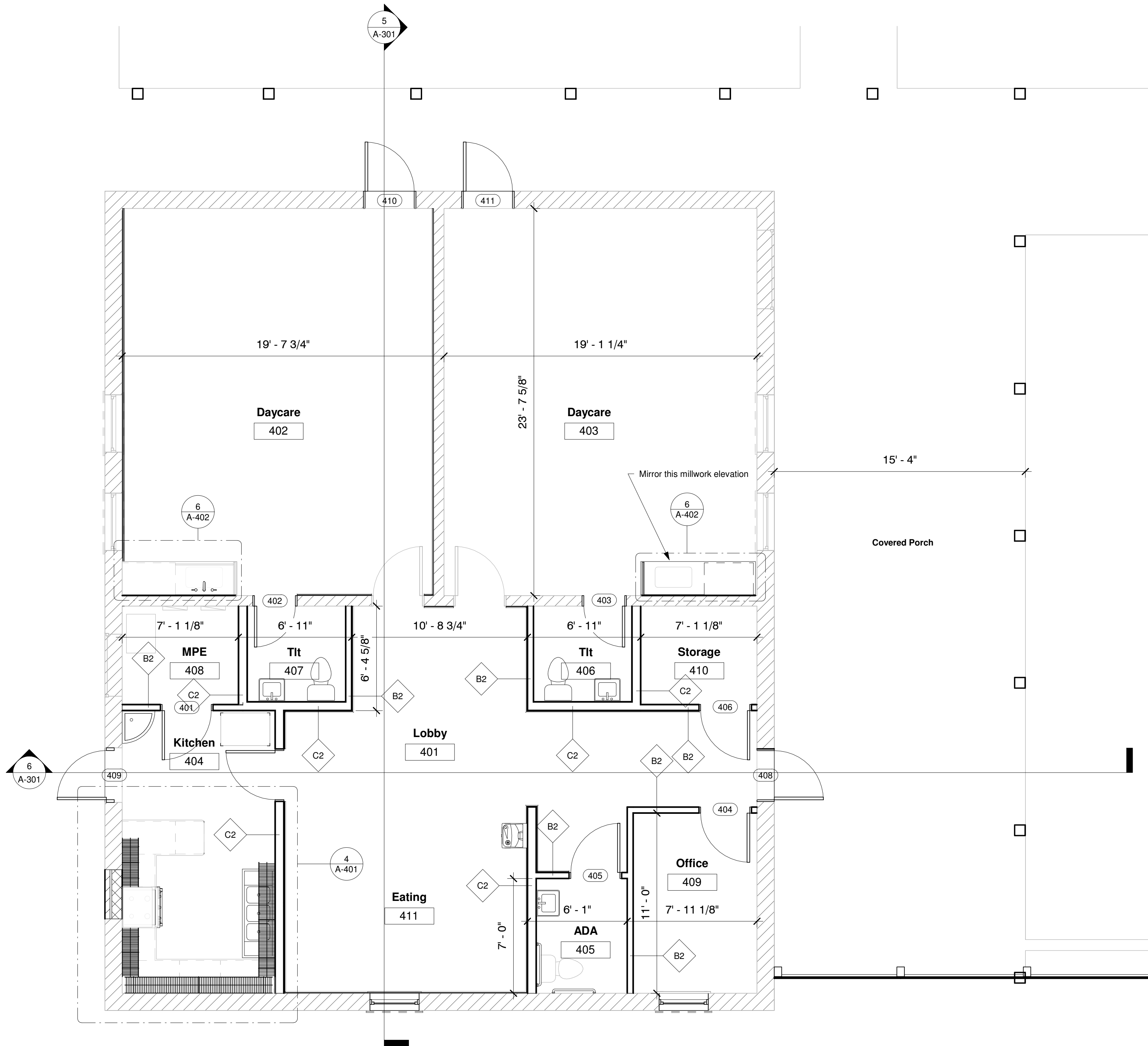
Mark	Height	Width	Frame	Panel	Panel Type	Operation	Locket Type	#
301	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	301
302	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	302
303	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	303
304	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	304
305	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	305
306	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	306
307	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Passage	307
308	7' - 0"	2' - 6"	Wood	Sealed Wood	E	Pocket	Passage	308
309	7' - 0"	3' - 0"	Wood	Sealed Wood	E	Swing	Passage	309
310	7' - 0"	3' - 0"	Wood	Sealed Wood	E	Swing	Passage	310
311	7' - 0"	4' - 0"	Wood	Sealed Wood	E	Double Pocket	Passage	311
312	7' - 0"	3' - 0"	Wood	Sealed Wood	E	Swing	Privacy	312
313	7' - 0"	4' - 0"	Wood	Sealed Wood	E	Double Pocket	Passage	313
314	7' - 0"	3' - 0"	Wood	Sealed Wood	E	Swing	Privacy	314
315	7' - 0"	4' - 0"	Wood	Sealed Wood	E	Double Pocket	Passage	315
316	7' - 0"	3' - 0"	Wood	Sealed Wood	E	Swing	Privacy	316
317	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	317
318	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	318
319	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Passage	319
321	7' - 0"	4' - 0"	Wood	Sealed Wood	E	Double Pocket	Passage	321
322	7' - 0"	4' - 0"	Wood	Sealed Wood	E	Double Pocket	Passage	322
323	7' - 0"	4' - 0"	Wood	Sealed Wood	E	Double Pocket	Passage	323

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- PROVIDE 1/2" CEMENTITIOUS BACKER BOARD (CBU) AT ALL WALLS SCHEDULED TO RECEIVE CERAMIC TILE, PORCELAIN TILE, OR STONE TILE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. DO NOT INSTALL TILE DIRECTLY OVER GYPSUM WALLBOARD.
- COORDINATE ALL DOOR, WINDOW, BORROWED LITE, AND OPENING LOCATIONS WITH THE DOOR SCHEDULES, WINDOW SCHEDULES, ELEVATIONS, DETAILS, AND FINISH PLANS PRIOR TO FRAMING.
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- ALL EXISTING WINDOWS SHALL BE REPLACED WITH NEW. NEW WINDOWS SHALL BE OPERABLE UNLESS NOTED OTHERWISE. PROVIDE EMERGENCY ESCAPE AND RESCUE OPENINGS WHERE REQUIRED BY CODE. NEW WINDOW UNITS SHALL FULLY INFILL THE EXISTING OPENINGS CREATED BY REMOVAL OF EXISTING WINDOWS. CONTRACTOR SHALL FIELD VERIFY ALL OPENING DIMENSIONS PRIOR TO FABRICATION.
- ALL ACCESSIBLE ROUTES, DOOR MANEUVERING CLEARANCES, TURNING SPACES, MOUNTING HEIGHTS, THRESHOLDS, AND RELATED FEATURES SHALL COMPLY WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
- MAINTAIN THE CONTINUITY OF ALL FIRE-RATED AND SMOKE-RATED ASSEMBLIES. ALL PENETRATIONS, JOINTS, OPENINGS, AND TRANSITIONS SHALL UTILIZE TESTED AND LISTED SYSTEMS MATCHING THE REQUIRED ASSEMBLY RATING.
- WHERE CEILINGS ARE INDICATED AS EXPOSED STRUCTURE, COORDINATE THE ROUTING OF DUCTWORK, CONDUIT, PIPING, SPRINKLER PIPING, LIGHT FIXTURES, AND OTHER EXPOSED BUILDING SYSTEMS TO PROVIDE A CLEAN, ORDERLY, AND CONSISTENT INSTALLATION.
- COORDINATE FINISH FLOOR ELEVATIONS TO PROVIDE SMOOTH, FLUSH TRANSITIONS BETWEEN ADJACENT SPACES. FEATHER AND PATCH EXISTING SURFACES AS REQUIRED TO PROVIDE A CONTINUOUS FINISHED FLOOR.
- PROVIDE SOLID WOOD OR METAL BLOCKING AS REQUIRED FOR ALL WALL-MOUNTED CASEWORK, CABINETS, TOILET ACCESSORIES, SHELVING, HANDRAILS, GRAB BARS, TELEVISIONS, MONITORS, OWNER-FURNISHED EQUIPMENT, AND OTHER WALL-MOUNTED ITEMS.
- COORDINATE ALL REQUIRED BACKING, BLOCKING, ACCESS PANELS, CASEWORK, EQUIPMENT, AND OWNER-FURNISHED ITEMS PRIOR TO CLOSING WALLS OR CEILINGS.
- RECONCILE ALL ROOM NAMES, ROOM NUMBERS, DOOR NUMBERS, PARTITION TYPES, FINISH TAGS, KEYNOTES, DETAILS, AND SCHEDULES PRIOR TO CONSTRUCTION.
- MAINTAIN REQUIRED EGRESS WIDTHS, CORRIDOR WIDTHS, AND EXIT ACCESS DIMENSIONS. NO CONSTRUCTION SHALL REDUCE REQUIRED CODE-MINIMUM CLEARANCES.
- EXECUTE ALL WORK PLUMB, LEVEL, TRUE, AND IN PROPER ALIGNMENT. COMPLETED WORK SHALL BE FREE OF DAMAGE, VISIBLE GAPS, MISALIGNMENT, AND OTHER CONSTRUCTION DEFICIENCIES.

Sheet Room Schedule - B, C, & D

Number	Name	Area	Perimeter	Ceiling Type	Wall Finish	Floor Finish	Base Finish	Comments	#
301	Community Room	832 SF	156'	Gypsum (painted)	Gypsum (painted)	LVT & Carpet Tile	Wood Base		301
302	Kitchen	159 SF	51'	Gypsum (painted)	Gypsum (painted)	LVT	Wood Base		302
303	Corridor	716 SF	153'	Gypsum (painted)	Gypsum (painted)	LVT	Wood Base		303
304	Family Room	316 SF	107'	Gypsum (painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		304
305	Bunk Room	317 SF	106'	Gypsum (painted)	Gypsum (painted)	Carpet Tile	WD (painted)		305
306	Family Room	238 SF	83'	Gypsum (painted)	Gypsum (painted)	Carpet Tile	WD (painted)		306
307	Mop	62 SF	32'	Painted Structure & Deck	CMU (painted)	Sealed Concrete	Rubber Base		307
308	Laundry	71 SF	41'	Gypsum (painted)	Gypsum (painted)	Ceramic Tile	Rubber Base		308
309	Shower Room	231 SF	107'	Gypsum (painted)	Gypsum (painted)	Ceramic Tile	Tile Cove		309
310	Family Room	314 SF	108'	Gypsum (painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		310
311	Family Room	315 SF	107'	Gypsum (painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		311
312	Family Room	315 SF	107'	Gypsum (painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		312
313	Family Room	314 SF	108'	Gypsum (painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		313
314	ADA Room	329 SF	118'	Gypsum (painted)	Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		314
Grand total: 14		4529 SF	1381'						



1 South Building Floor Plan - Building D
1/4" = 1'-0"

Sheet New Wall Schedule - B, C, & D

Type Mark	Type	Description	Comments	Area	Length	Unconnect ed Height	#
E1	Exterior - Brick on CMU Existing	All Existing		13 SF	0'		E1
Repairs in Existing							
XR1	Concrete Block	Repair or Infill with Like Material; key in new block if Masonry		540 SF	64'	10'	XR1
E1	Exterior - Brick on CMU Existing	All Existing		1727 SF	178'	10'	E1
Existing							
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		2267 SF	242'	9'	B2
C2	Interior - 5 1/2" Standard	New 5.5" WD Stud wall with 5/8" gypsum Both Sides		502 SF	56'	10'	C2
Phase II Construction				890 SF	110'		

Sheet Door Schedule - B, C, & D

Mark	Height	Width	Frame	Panel	Panel Type	Operation	Locket Type	#
401	7' - 0"	3' - 0"	Hollow Metal	Painted HM	D	Swing	Passage	401
402	7' - 0"	2' - 6"	Wood	Sealed Wood	D	Swing	Passage	402
403	7' - 0"	2' - 6"	Wood	Sealed Wood	D	Swing	Passage	403
404	7' - 0"	3' - 0"	Wood	Sealed Wood	B	Swing	Privacy	404
405	7' - 0"	3' - 0"	Wood	Sealed Wood	D	Swing	Privacy	405
406	7' - 0"	3' - 0"	Hollow Metal	Painted HM	D	Swing	Keyed Entry	406
407	7' - 0"	3' - 0"	Hollow Metal	Painted HM	B	Swing	Passage	407
408	7' - 0"	3' - 0"	Hollow Metal	Painted HM	C	Swing	Keyed Entry	408
409	7' - 0"	3' - 0"	Hollow Metal	Painted HM	C	Swing	Keyed Entry	409
410	7' - 0"	3' - 0"	Hollow Metal	Painted HM	B	Swing	Keyed Entry with Panic	410
411	7' - 0"	3' - 0"	Hollow Metal	Painted HM	B	Swing	Keyed Entry with Panic	411

Sheet Room Schedule - B, C, & D

Number	Name	Area	Perimeter	Ceiling Type	Wall Finish	Floor Finish	Base Finish	Comments	#
401	Lobby	260 SF	90'	Gypsum (painted) & Exposed Deck (Painted)	CMU (painted)	Ceramic Tile	Rubber Base		401
402	Daycare	449 SF	89'	Painted Structure & Deck	CMU (painted)	LVT	Rubber Base		402
403	Daycare	451 SF	90'	Painted Structure & Deck	CMU (painted)	LVT	Rubber Base		403
404	Kitchen	161 SF	53'	Moisture Resistant 2x2 ACT	CMU (painted)	Ceramic Tile	Rubber Base		404
405	ADA	39 SF	25'	Painted Structure & Deck	CMU (painted exterior grade paint)	Ceramic Tile	Rubber Base		405
406	Tlt	35 SF	24'	Painted Structure & Deck	CMU (painted exterior grade paint)	Ceramic Tile	Rubber Base		406
407	Tlt	35 SF	24'	Painted Structure & Deck	CMU (painted exterior grade paint)	Ceramic Tile	Rubber Base		407
408	MPE	43 SF	26'	Painted Structure & Deck	CMU (painted)	Sealed Concrete	Rubber Base		408
409	Office	83 SF	37'	Gypsum (painted)	Gypsum (painted)	LVT	Rubber Base		409
410	Storage	43 SF	26'	Gypsum (painted)	Gypsum (painted)	LVT	Rubber Base		410
411	Eating	169 SF	52'	Painted Structure & Deck	Gypsum (painted)	LVT	Rubber Base		411
Grand total: 11		1768 SF	537'						

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Mercy House Womens Campus

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

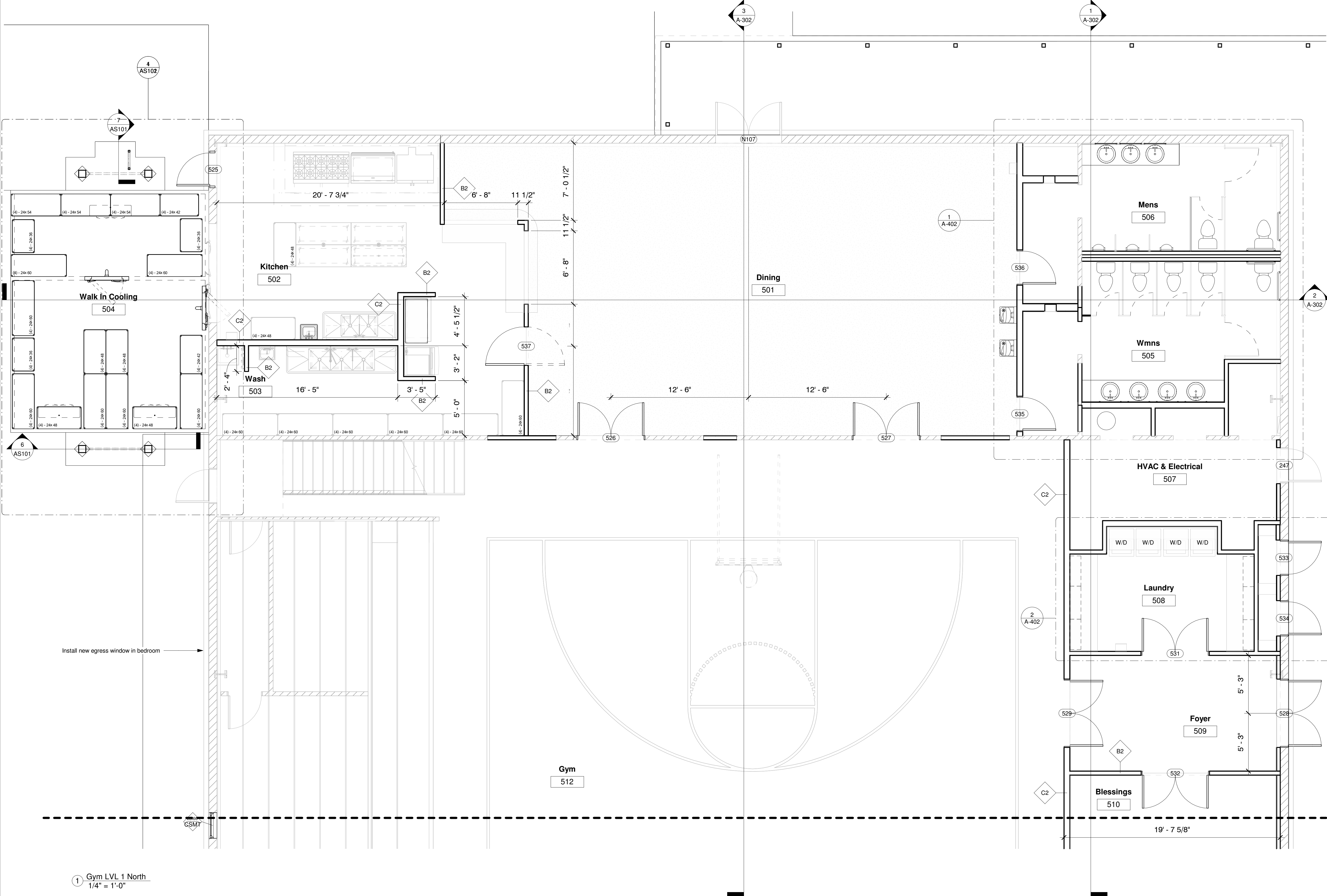


Construction Documents

Revision # Rev Date

Building D

A-113



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Sheet Door Schedule - E

Mark	Height	Width	Frame Material	Panel Finish	Panel Type	Operation	Locket Type	#
525	7' - 0"	3' - 0"	Hollow Metal	Painted HM	D	Swing	Keyed Entry with Panic	525
526	7' - 0"	6' - 0"	Hollow Metal	Painted HM	C	Swing	Passage	526
527	7' - 0"	6' - 0"	Hollow Metal	Painted HM	C	Swing	Passage	527
528	7' - 0"	6' - 0"	Hollow Metal	Painted HM	C	Swing	Keyed Entry with Panic	528
529	7' - 0"	6' - 0"	Hollow Metal	Painted Wood	B	Swing	Passage	529
531	7' - 0"	6' - 0"	Hollow Metal	Painted Wood	A	Swing	Passage	531
532	7' - 0"	6' - 0"	Hollow Metal	Painted Wood	A	Swing	Keyed Entry	532
533	7' - 0"	3' - 0"	Hollow Metal	Painted HM	D	Swing	Passage	533
534	7' - 0"	3' - 0"	Hollow Metal	Painted HM	D	Swing	Passage	534
535	7' - 0"	3' - 0"	Hollow Metal	Sealed Wood	D	Swing	Passage	535
536	7' - 0"	3' - 0"	Hollow Metal	Sealed Wood	D	Swing	Passage	536
537	7' - 0"	3' - 6"	Hollow Metal	Prefinished Metal	B	Double Action	Passage	537

Sheet Room Schedule - E

Number	Name	Area	Perimeter	Ceiling Type	Wall Finish	Floor Finish	Base Finish	Comments	#
501	Dining	1232 SF	157'	Gypsum (painted)	Gypsum (painted)	VCT	Rubber Base		501
502	Kitchen	617 SF	156'	Moisture Resistant 2x2 ACT	FRP (white)	Quarry Tile	Rubber Base		502
503	Wash	52 SF	34'	Moisture Resistant 2x2 ACT	FRP (white)	Quarry Tile	Rubber Base		503
504	Walk In Cooling	400 SF	80'	Per Manufacturer	Per Manufacturer	Quarry Tile	Rubber Base		504
505	Wmns	270 SF	81'	Moisture Resistant 2x2 ACT	Tile & Gypsum (painted)	Ceramic Tile	Tile Cove		505
506	Mens	249 SF	86'	Moisture Resistant 2x2 ACT	Tile & Gypsum (painted)	Ceramic Tile	Tile Cove		506
507	HVAC & Electrical	223 SF	89'	Unfinished	Gypsum (painted)	Sealed Concrete	Rubber Base		507
508	Laundry	173 SF	58'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic Tile	Rubber Base		508
509	Foyer	199 SF	59'	Gypsum (painted)	Gypsum (painted)	Ceramic & Carpet Tile	Rubber Base		509
510	Blessings	724 SF	139'	Gypsum (painted)	Gypsum (painted)	Carpet Tile	Rubber Base		510
512	Gym	5704 SF	421'	Unfinished	3/4" BC Plywood (Painted)	Existing	Rubber Base		512
Grand total: 11		9842 SF	1358'						

Sheet New Wall Schedule - E

Type Mark	Type	Description	Comments	Area	Length	Unconnect ed Height	#
XR2	Exterior - Siding on Mtl. Stud			73 SF	0'		XR2
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		167 SF	0'		B2
Repairs in Existing				240 SF	0'		
XR2	Exterior - Siding on Mtl. Stud			7167 SF	344'	22'	XR2
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		2311 SF	357'	11'	B2
Existing				9478 SF	701'		
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		1020 SF	123'	11'	B2
B1	Interior - 3 1/2" WD Stud w/ 1 Side Gyp	New 3.5" WD Stud with 5/8" Gyp One Side		566 SF	58'	11'	B1
C2	Interior - 5 1/2" Standard	New 5.5" WD Stud wall with 5/8" gypsum Both Sides		2411 SF	152'	23'	C2
D1	Interior - 7.25" Stud with 1 Side Gyp	New 5.5" WD Stud wall with 5/8" gypsum Both Sides		50 SF	5'	11'	D1
D2	Interior - 7.25" Stud with 2 Sides Gyp	New 5.5" WD Stud wall with 5/8" gypsum Both Sides		50 SF	5'	11'	D2
Gym Phase				4097 SF	343'		

Mercy House Womens Campus

Project No 20241215001-B

Date

9/31/2026

5257 Learned Rd., Learned, MS 39154

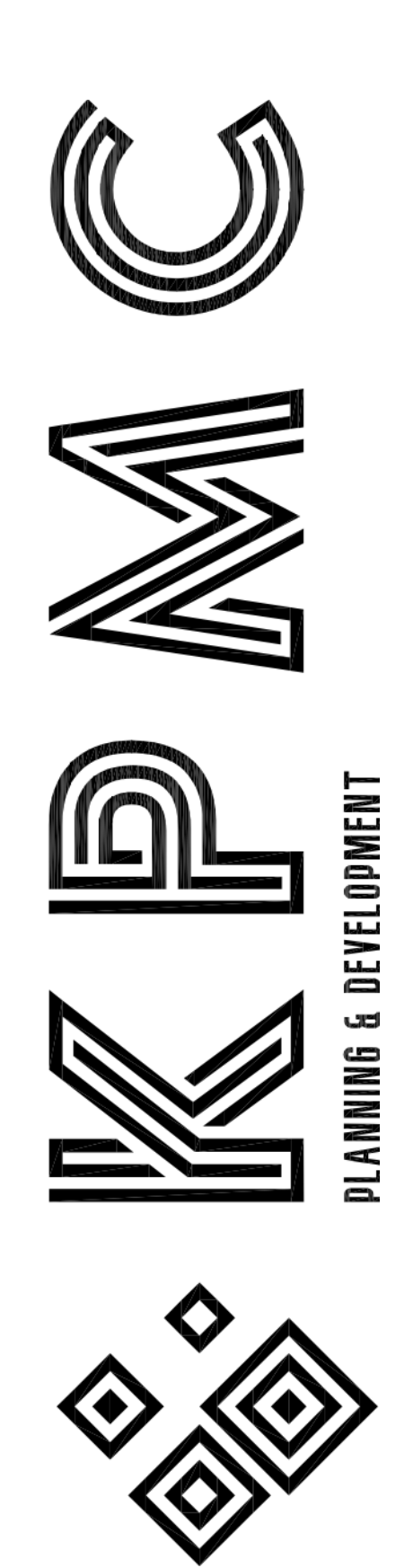
Main Campus Renovations & Site

Construction Documents

Revision # Rev Date

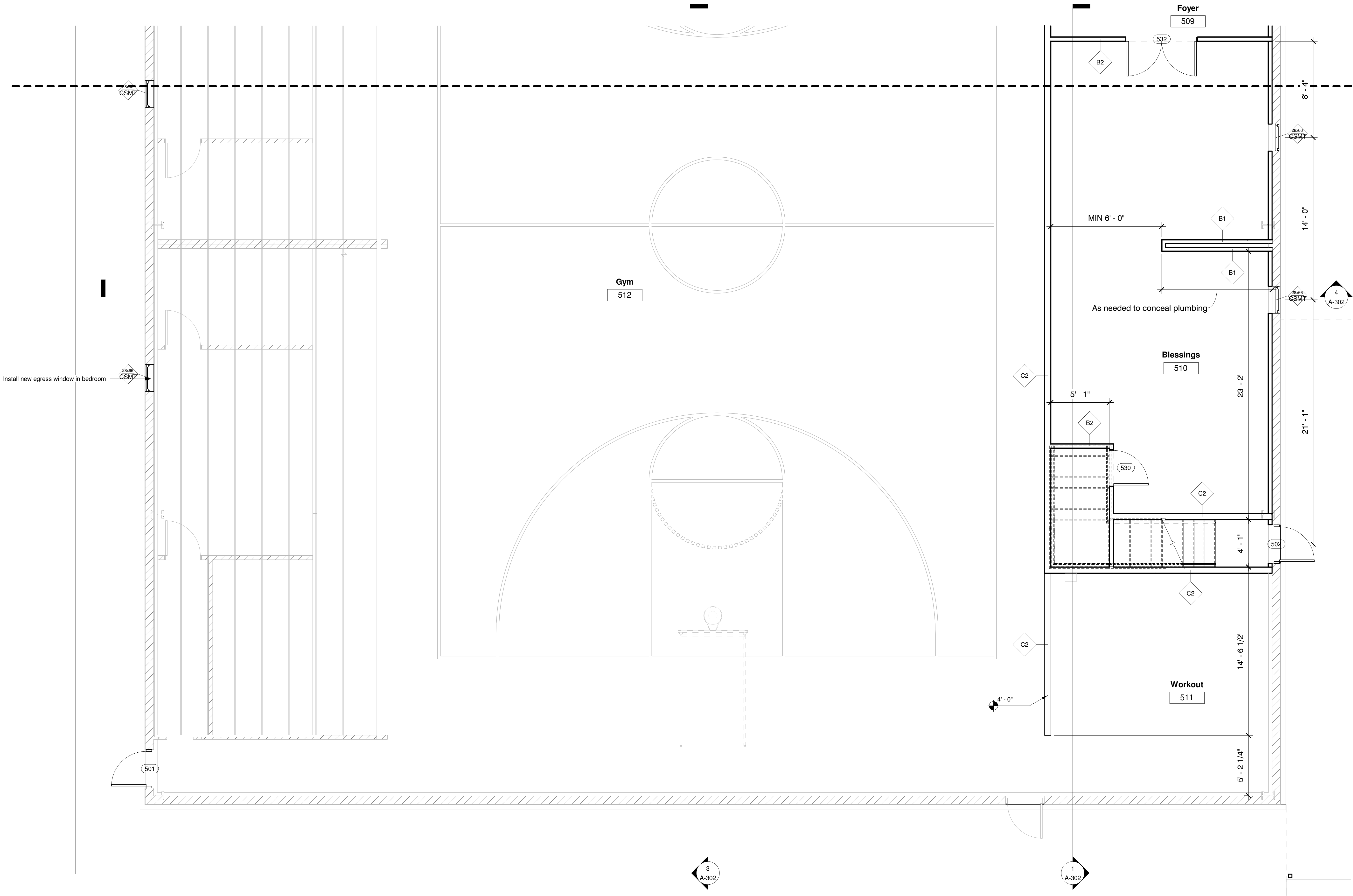
Building E - 1st N

A-114



PLANNING & DEVELOPMENT





1 Gym LVL 1 South
1/4" = 1'-0"

Sheet Door Schedule - E

Mark	Height	Width	Frame Material	Panel Finish	Panel Type	Operation	Locket Type	#
501	7' - 0"	3' - 0"	Hollow Metal	Painted HM	B	Swing	Keyed Entry with Panic	501
502	7' - 0"	3' - 0"	Hollow Metal	Painted HM	B	Swing	Keyed Entry with Panic	502
530	7' - 0"	3' - 0"	Hollow Metal	Painted Wood	D	Swing	Passage	530
532	7' - 0"	6' - 0"	Hollow Metal	Painted Wood	A	Swing	Keyed Entry	532

Sheet Room Schedule - E

Number	Name	Area	Perimeter	Ceiling Type	Wall Finish	Floor Finish	Base Finish	Comments	#
509	Foyer	199 SF	59'	Gypsum (painted)	Gypsum (painted)	Ceramic & Carpet Tile	Rubber Base		509
510	Blessings	724 SF	139'	Gypsum (painted)	Gypsum (painted)	Carpet Tile	Rubber Base		510
511	Workout	368 SF	77'	Unfinished	3/4" BC Plywood (Painted)	Rubber	Rubber Base		511
512	Gym	5704 SF	421'	Unfinished	3/4" BC Plywood (Painted)	Existing	Rubber Base		512
Grand total: 4		6995 SF	696'						

Sheet New Wall Schedule - E

Type Mark	Type	Description	Comments	Area	Length	Unconnect ed Height	#
XR2	Exterior - Siding on Mtl. Stud			7310 SF	344'	22'	XR2
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		2069 SF	302'	11'	B2
Existing				9378 SF	646'		
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		269 SF	36'	11'	B2
B1	Interior - 3 1/2" WD Stud w/ 1 Side Gyp	New 3.5" WD Stud with 5/8" Gyp One Side		573 SF	58'	10'	B1
C2	Interior - 5 1/2" Standard	New 5.5" WD Stud wall with 5/8" gypsum Both Sides		2531 SF	124'	28'	C2
Gym Phase				3373 SF	218'		

General Floor Plan Notes

- DO NOT SCALE DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, OPENINGS, ELEVATIONS, AND UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING.
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- DIMENSIONS ARE TO FINISH FACE OF WALL UNLESS NOTED OTHERWISE. GRID LINES, COLUMN CENTERLINES, AND STRUCTURAL CONTROL LINES SHALL GOVERN WHERE APPLICABLE.
- FIELD VERIFY ALL EXISTING WALL THICKNESSES, MASONRY CONDITIONS, STRUCTURAL MEMBERS, OPENINGS, AND EXISTING UTILITIES PRIOR TO FRAMING NEW CONSTRUCTION. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE MODIFY STRUCTURAL MEMBERS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER. PROVIDE ALL REQUIRED HEADERS, UNTELS, AND STRUCTURAL SUPPORTS AS SHOWN ON THE STRUCTURAL DRAWINGS.
- CONSTRUCT ALL NEW WALLS IN ACCORDANCE WITH THE PARTITION TYPES INDICATED. PROVIDE ALL REQUIRED DEFLECTION TRACKS, CONTROL JOINTS, FIRESTOPPING, ACOUSTICAL SEALANT, AND SMOKE SEALS AS REQUIRED. WHERE EXISTING CMU WALLS ARE INDICATED TO REMAIN, PROVIDE 7/8" METAL FURRING CHANNELS FASTENED DIRECTLY TO THE CMU AT 24" O.C. WITH 5/8" GYPSUM WALLBOARD UNLESS NOTED OTHERWISE. COORDINATE DOOR JAMBS, WINDOW RETURNS, ELECTRICAL DEVICES, PLUMBING PENETRATIONS, AND OTHER RECESSED ITEMS TO PROVIDE A CONTINUOUS FINISHED WALL SURFACE. ROUTE NEW ELECTRICAL, LOW VOLTAGE, AND SIMILAR SERVICES WITHIN THE FURRED WALL CAVITY WHERE FEASIBLE.
- PROVIDE MOISTURE-RESISTANT GYPSUM WALLBOARD AT ALL TOILET ROOMS, SHOWER ROOMS, LAUNDRY ROOMS, JANITOR ROOMS, KITCHENS, AND ALL WALLS CONTAINING DOMESTIC WATER, SANITARY, STORM, OR OTHER PLUMBING PIPING. PROVIDE PRESSURE-TREATED WOOD BOTTOM PLATES AT ALL WALLS IN CONTACT WITH CONCRETE OR MASONRY AND USE PRESSURE-TREATED WOOD FRAMING WITHIN THE ABOVE WET AREAS UNLESS NOTED OTHERWISE.
- PROVIDE 1/2" CEMENTITIOUS BACKER BOARD (CBU) AT ALL WALLS SCHEDULED TO RECEIVE CERAMIC TILE, PORCELAIN TILE OR STONE TILE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. DO NOT INSTALL TILE DIRECTLY OVER GYPSUM WALLBOARD.
- COORDINATE ALL DOOR, WINDOW, BORROWED LITE, AND OPENING LOCATIONS WITH THE DOOR SCHEDULES, WINDOW SCHEDULES, ELEVATIONS, DETAILS, AND FINISH PLANS PRIOR TO FRAMING.
- ALL DOORS, FRAMES, HARDWARE, AND GLAZING SHALL CONFORM TO THE DOOR SCHEDULE. PROVIDE SAFETY GLAZING AT ALL HAZARDOUS LOCATIONS AS REQUIRED BY THE APPLICABLE BUILDING CODE.
- ALL EXISTING WINDOWS SHALL BE REPLACED WITH NEW. NEW WINDOWS SHALL BE OPERABLE UNLESS NOTED OTHERWISE. PROVIDE EMERGENCY ESCAPE AND RESCUE OPENINGS WHERE REQUIRED BY CODE. NEW WINDOW UNITS SHALL FULLY INFILL THE EXISTING OPENINGS CREATED BY REMOVAL OF EXISTING WINDOWS. CONTRACTOR SHALL FIELD VERIFY ALL OPENING DIMENSIONS PRIOR TO FABRICATION.
- ALL ACCESSIBLE ROUTES, DOOR MANEUVERING CLEARANCES, TURNING SPACES, MOUNTING HEIGHTS, THRESHOLDS, AND RELATED FEATURES SHALL COMPLY WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
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- WHERE CEILINGS ARE INDICATED AS EXPOSED STRUCTURE, COORDINATE THE ROUTING OF DUCTWORK, CONDUIT, PIPING, SPRINKLER PIPING, LIGHT FIXTURES, AND OTHER EXPOSED BUILDING SYSTEMS TO PROVIDE A CLEAN, ORDERLY, AND CONSISTENT INSTALLATION.
- COORDINATE FINISH FLOOR ELEVATIONS TO PROVIDE SMOOTH, FLUSH TRANSITIONS BETWEEN ADJACENT SPACES. FEATHER AND PATCH EXISTING SURFACES AS REQUIRED TO PROVIDE A CONTINUOUS FINISHED FLOOR.
- PROVIDE SOLID WOOD OR METAL BLOCKING AS REQUIRED FOR ALL WALL-MOUNTED CASEWORK, CABINETS, TOILET ACCESSORIES, SHELVING, HANDRAILS, GRAB BARS, TELEVISIONS, MONITORS, OWNER-FURNISHED EQUIPMENT, AND OTHER WALL-MOUNTED ITEMS.
- COORDINATE ALL REQUIRED BACKING, BLOCKING, ACCESS PANELS, CASEWORK, EQUIPMENT, AND OWNER-FURNISHED ITEMS PRIOR TO CLOSING WALLS OR CEILINGS.
- RECONCILE ALL ROOM NAMES, ROOM NUMBERS, DOOR NUMBERS, PARTITION TYPES, FINISH TAGS, KEYNOTES, DETAILS, AND SCHEDULES PRIOR TO CONSTRUCTION.
- MAINTAIN REQUIRED EGRESS WIDTHS, CORRIDOR WIDTHS, AND EXIT ACCESS DIMENSIONS. NO CONSTRUCTION SHALL REDUCE REQUIRED CODE-MINIMUM CLEARANCES.
- EXECUTE ALL WORK PLUMB, LEVEL, TRUE, AND IN PROPER ALIGNMENT. COMPLETED WORK SHALL BE FREE OF DAMAGE, VISIBLE GAPS, MISALIGNMENT, AND OTHER CONSTRUCTION DEFICIENCIES.

Mercy House Womens Campus



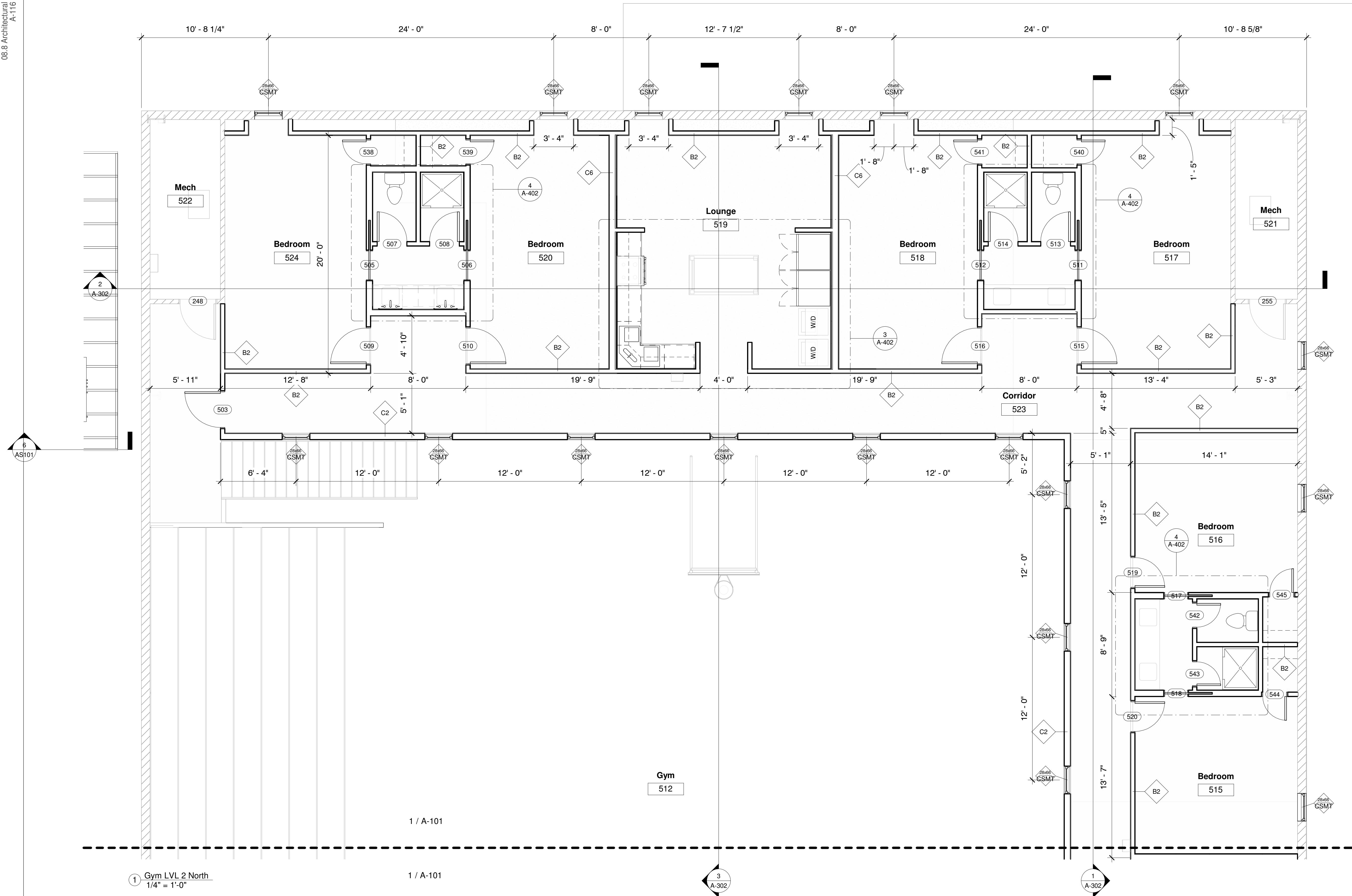
Construction Documents

Revision # Rev Date

Building E - 1st S

A-115





Sheet Door Schedule - E

Mark	Height	Width	Frame Material	Panel Finish	Panel Type	Operation	Locket Type	#
503	7'-0"	3'-0"	Hollow Metal	Sealed Wood	A	Swing	Keyed Entry	503
505	7'-0"	2'-6"	Wood	Painted Wood	E	Pocket	Privacy (Reversed)	505
506	7'-0"	2'-6"	Wood	Painted Wood	E	Pocket	Privacy (Reversed)	506
507	6'-8"	2'-6"	Wood	Painted Wood	E	Swing	Privacy	507
508	6'-8"	2'-6"	Wood	Painted Wood	E	Swing	Privacy	508
509	7'-0"	3'-0"	Hollow Metal	Sealed Wood	D	Swing	Keyed Entry	509
510	7'-0"	3'-0"	Hollow Metal	Sealed Wood	D	Swing	Keyed Entry	510
511	7'-0"	2'-6"	Wood	Painted Wood	E	Pocket	Privacy (Reversed)	511
512	7'-0"	2'-6"	Wood	Painted Wood	E	Pocket	Privacy (Reversed)	512
513	6'-8"	2'-6"	Wood	Painted Wood	E	Swing	Privacy	513
514	6'-8"	2'-6"	Wood	Painted Wood	E	Swing	Privacy	514
515	7'-0"	3'-0"	Hollow Metal	Sealed Wood	D	Swing	Keyed Entry	515
516	7'-0"	3'-0"	Hollow Metal	Sealed Wood	D	Swing	Keyed Entry	516
517	6'-8"	2'-0"	Wood	Painted Wood	E	Pocket	Privacy (Reversed)	517
518	6'-8"	2'-0"	Wood	Painted Wood	E	Pocket	Privacy (Reversed)	518
519	7'-0"	2'-6"	Hollow Metal	Sealed Wood	D	Swing	Keyed Entry	519
520	7'-0"	2'-6"	Hollow Metal	Sealed Wood	D	Swing	Keyed Entry	520
538	7'-0"	2'-0"	Wood	Painted Wood	E	Swing	Passage	538
539	7'-0"	2'-0"	Wood	Painted Wood	E	Swing	Passage	539
540	7'-0"	2'-0"	Wood	Painted Wood	E	Swing	Passage	540
541	7'-0"	2'-0"	Wood	Painted Wood	E	Swing	Passage	541
542	7'-0"	2'-0"	Wood	Painted Wood	E	Swing	Privacy	542
543	7'-0"	2'-0"	Wood	Painted Wood	E	Swing	Privacy	543
544	7'-0"	2'-0"	Wood	Painted Wood	E	Swing	Passage	544
545	7'-0"	2'-0"	Wood	Painted Wood	E	Swing	Passage	545

Sheet New Wall Schedule - E

Type Mark	Type	Description	Comments	Area	Length	Unconnect ed Height	#
XR2	Exterior - Siding on Mtl. Stud			7167 SF	344'	22'	XR2
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		660 SF	66'	11'	B2
Existing				7827 SF	410'		
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		3638 SF	375'	17'	B2
C2	Interior - 5 1/2" Standard	New 5.5" WD Stud wall with 5/8" gypsum Both Sides		3502 SF	234'	23'	C2
C6	Interior - 5 1/2" Standard Sound Proof	New 5.5" WD Stud wall with Sound Proof Assembly shown on Partition Schedule		724 SF	54'	17'	C6
Gym Phase				7864 SF	663'		

Sheet Room Schedule - E

Number	Name	Area	Perimeter	Ceiling Type	Wall Finish	Floor Finish	Base Finish	Comments	#
504	Walk In Cooling	400 SF	80'	Per Manufacturer	Per Manufacturer	Quarry Tile	Rubber Base		504
512	Gym	5704 SF	421'	Unfinished	3/4" BC Plywood (Painted)	Existing	Rubber Base		512
515	Bedroom	181 SF	54'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		515
516	Bedroom	184 SF	54'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		516
517	Bedroom	251 SF	67'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		517
518	Bedroom	234 SF	65'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		518
519	Lounge	359 SF	100'	T&G Sealed	Tile & Gypsum (painted)	Carpet Tile	WD (painted)		519
520	Bedroom	234 SF	65'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		520
521	Mech	79 SF	41'	Unfinished	Unfinished	Unfinished	Unfinished		521
522	Mech	89 SF	42'	Unfinished	Unfinished	Unfinished	Unfinished		522
523	Corridor	868 SF	345'	T&G Sealed	Gypsum (painted)	Carpet Tile	Rubber Base		523
524	Bedroom	238 SF	66'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		524
Grand total: 12		8821 SF	1401'						

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Mercy House Womens Campus



Project No 20241215001-B Date 9/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

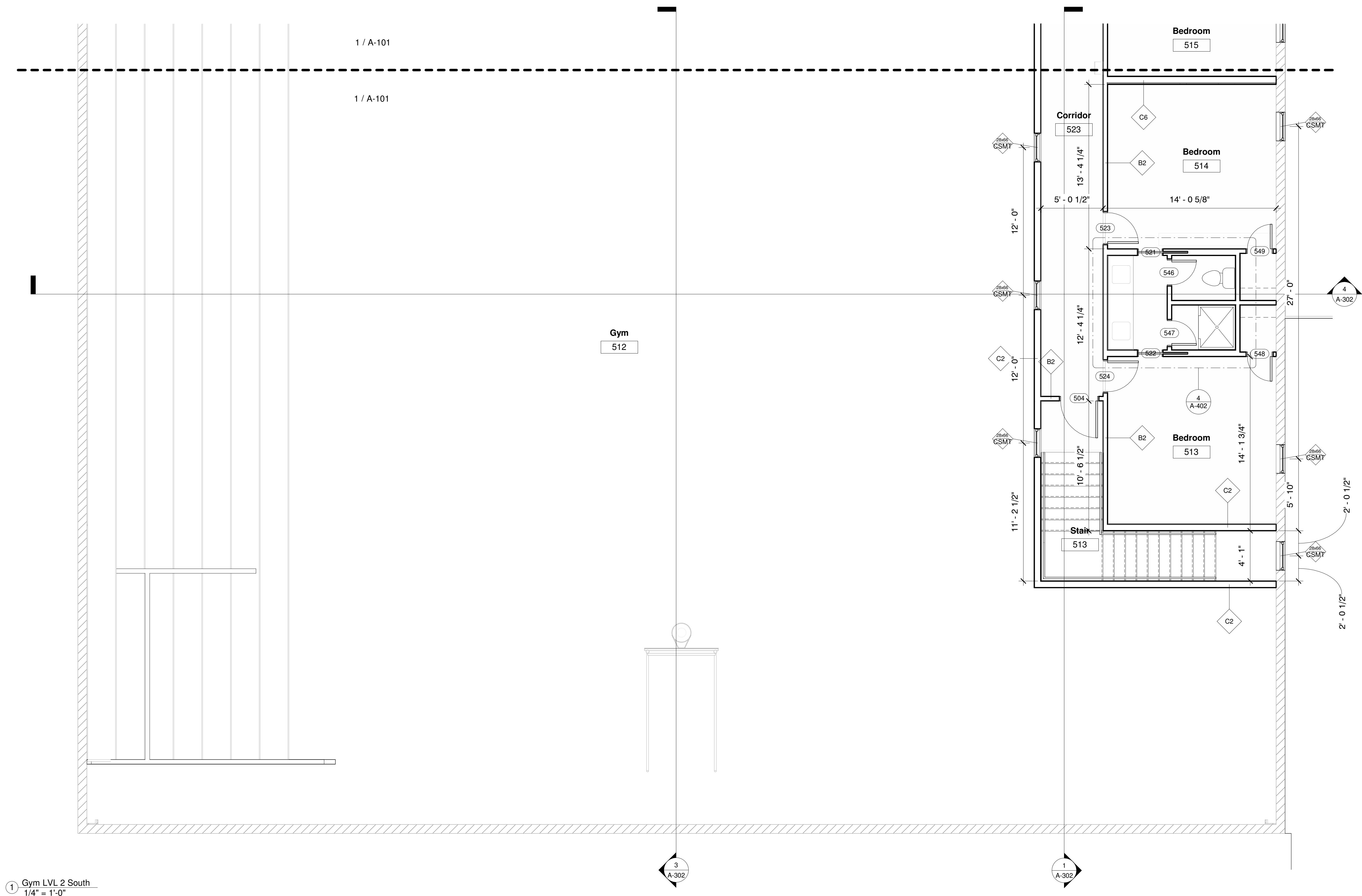


Construction Documents

Revision # Rev Date

Building E - 2nd N

A-116

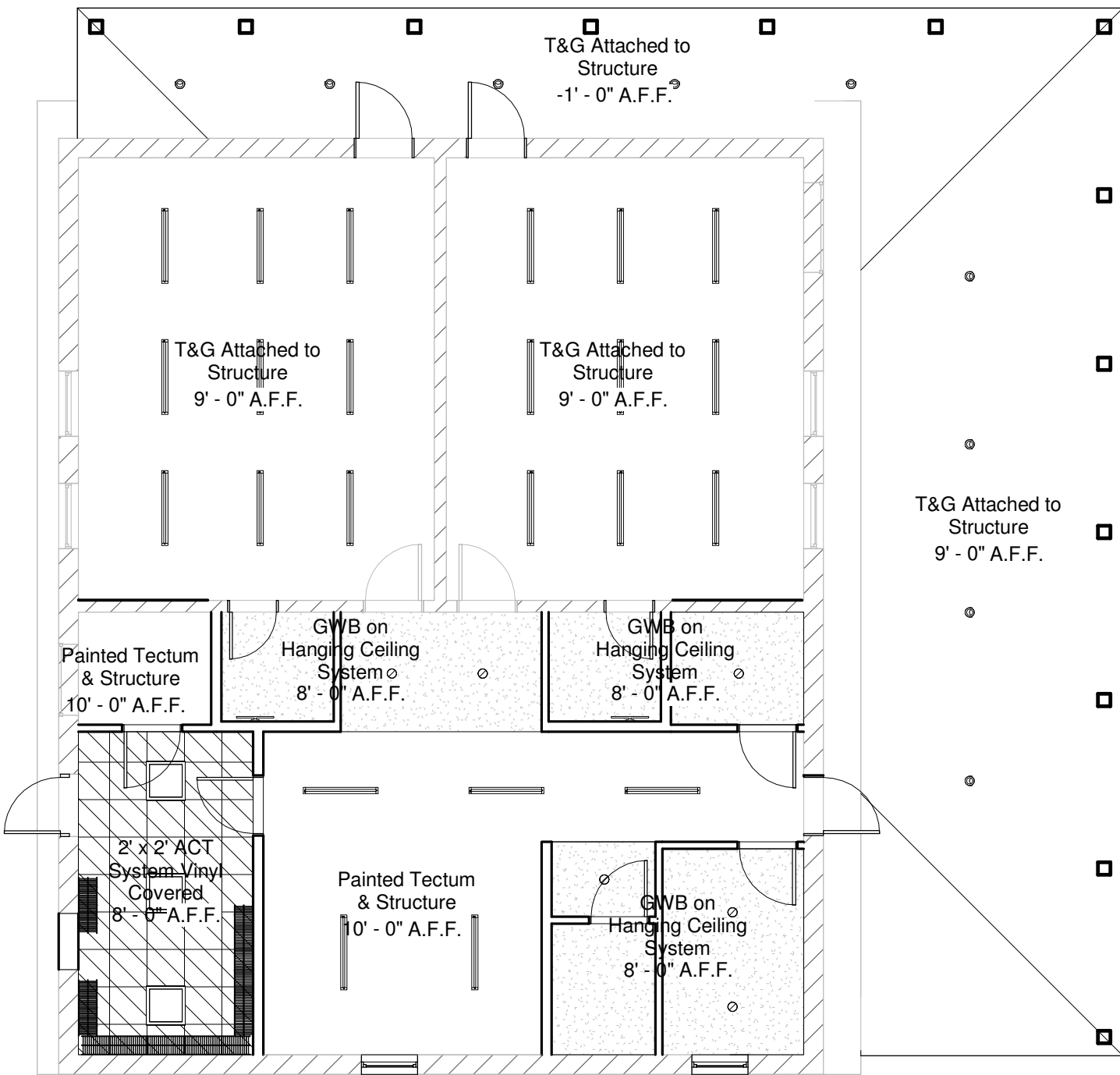
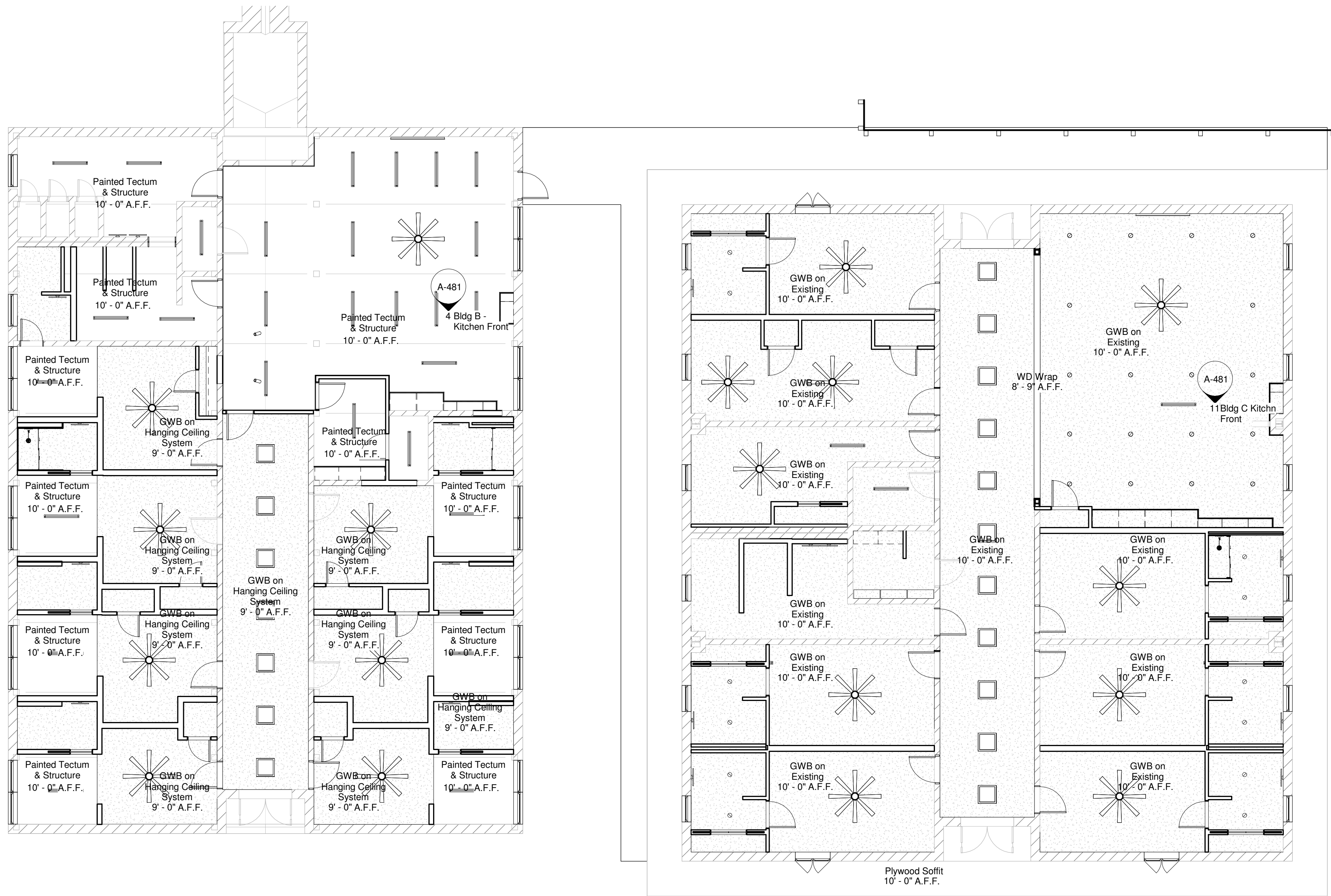


Mark	Height	Width	Frame Material	Panel Finish	Panel Type	Operation	Locket Type	#
504	7" - 0"	3" - 0"	Hollow Metal	Sealed Wood	A	Swing	Passage	504
521	6" - 8"	2" - 0"	Wood	Painted Wood	E	Pocket	Privacy (Reversed)	521
522	6" - 8"	2" - 0"	Wood	Painted Wood	E	Pocket	Privacy (Reversed)	522
523	7" - 0"	2" - 6"	Hollow Metal	Sealed Wood	D	Swing	Keyed Entry	523
524	7" - 0"	2" - 6"	Hollow Metal	Sealed Wood	D	Swing	Keyed Entry	524
546	7" - 0"	2" - 0"	Wood	Painted Wood	E	Swing	Privacy	546
547	7" - 0"	2" - 0"	Wood	Painted Wood	E	Swing	Privacy	547
548	7" - 0"	2" - 0"	Wood	Painted Wood	E	Swing	Passage	548
549	7" - 0"	2" - 0"	Wood	Painted Wood	E	Swing	Passage	549

Type Mark	Type	Description	Comments	Area	Length	Unconnected Height	#
XR2	Exterior - Siding on Mtl. Stud			7310 SF	344'	22'	XR2
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		678 SF	69'	11'	B2
Existing				7988 SF	412'		
B2	Interior - 3 1/2" Standard	New 3.5" WD Stud with 5/8" Gyp Both Sides		1126 SF	115'	17'	B2
C2	Interior - 5 1/2" Standard	New 5.5" WD Stud wall with 5/8" gypsum Both Sides		2688 SF	131'	28'	C2
C6	Interior - 5 1/2" Standard Sound Proof	New 5.5" WD Stud wall with Sound Proof Assembly shown on Partition Schedule		160 SF	14'	17'	C6
Gym Phase				3973 SF	260'		

Number	Name	Area	Perimeter	Ceiling Type	Wall Finish	Floor Finish	Base Finish	Comments	#
512	Gym	5704 SF	421'	Unfinished	3/4" BC Plywood (Painted)	Existing	Rubber Base		512
513	Bedroom	186 SF	55'	Gypsum (painted)	Tile & Gypsum (painted)	Carpet Tile	WD (painted)		513
513	Stair	131 SF	67'	Gypsum (painted)	Gypsum (painted)	Rubber Stair Treads & Carpet Tile	WD (painted)		513
514	Bedroom	183 SF	54'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		514
515	Bedroom	181 SF	54'	Gypsum (painted)	Tile & Gypsum (painted)	Ceramic & Carpet Tile	WD (painted)		515
523	Corridor	868 SF	345'	T&G Sealed	Gypsum (painted)	Carpet Tile	Rubber Base		523
Grand total: 6		7252 SF	996'						

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6. CONSTRUCT ALL NEW WALLS IN ACCORDANCE WITH THE PARTITION TYPES INDICATED. PROVIDE ALL REQUIRED DEFLECTION TRACKS, CONTROL JOINTS, FIRESTOPPING, ACoustICAL SEALANT, AND SMOKE SEALS AS REQUIRED.
7. REMOVE EXISTING CMU TO THE POINT INDICATED TO REMAIN. PROVIDE 7/8" METAL FURRING CHANNELS FASTENED DIRECTLY TO THE CMU AT 24" O.C. WITH 5/8" GYPSUM WALLBOARD UNLESS NOTED OTHERWISE. COORDINATE DOOR JAMBS, WINDOW RETURNS, ELECTRICAL DEVICES, PLUMBING PENETRATIONS, AND OTHER RECESSED ITEMS TO PROVIDE A CONTINUOUS FINISHED WALL SURFACE. ROUTE NEW ELECTRICAL, LOW VOLTAGE, AND SIMILAR SERVICES WITHIN THE FURRED WALL CAVITY WHERE FEASIBLE.
8. PROVIDE MOISTURE-RESISTANT GYPSUM WALLBOARD AT ALL TOILET ROOMS, SHOWER ROOMS, LAUNDRY ROOMS, JANITOR ROOMS, KITCHENS, AND ALL WALLS CONTAINING DOMESTIC WATER, SANITARY, STORM, OR OTHER PLUMBING PIPING. PROVIDE PRESSURE-TREATED WOOD BOTTOM PLATES AT ALL WALLS IN CONTACT WITH CONCRETE OR MASONRY AND USE PRESSURE-TREATED WOOD FRAMING WITHIN THE ABOVE WET AREAS UNLESS NOTED OTHERWISE.
9. PROVIDE 1/2" CEMENTITIOUS BACKER BOARD (CBU) AT ALL WALLS SCHEDULED TO RECEIVE CERAMIC TILE, PORCELAIN TILE, OR STONE TILE. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. DO NOT INSTALL TILE DIRECTLY OVER GYPSUM WALLBOARD.
10. COORDINATE ALL DOOR, WINDOW, BORROWED LITE, AND OPENING LOCATIONS WITH THE DOOR SCHEDULES, WINDOW SCHEDULES, ELEVATIONS, DETAILS, AND FINISH PLANS PRIOR TO FRAMING.
11. ALL DOORS, FRAMES, HARDWARE, AND GLAZING SHALL CONFORM TO THE DOOR SCHEDULE. PROVIDE SAFETY GLAZING AT ALL HAZARDOUS LOCATIONS AS REQUIRED BY THE APPLICABLE BUILDING CODE.
12. ALL EXISTING WINDOWS SHALL BE REPLACED WITH NEW. NEW WINDOWS SHALL BE OPERABLE UNLESS NOTED OTHERWISE. PROVIDE EMERGENCY ESCAPE AND RESCUE OPENINGS WHERE REQUIRED BY CODE. NEW WINDOW UNITS SHALL FULLY INFILL THE EXISTING OPENINGS CREATED BY REMOVAL OF EXISTING WINDOWS. CONTRACTOR SHALL FIELD VERIFY ALL OPENING DIMENSIONS PRIOR TO FABRICATION.
13. ALL ACCESSIBLE ROUTES, DOOR MANEUVERING CLEARANCES, TURNING SPACES, MOUNTING HEIGHTS, THRESHOLDS, AND RELATED FEATURES SHALL COMPLY WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
14. MAINTAIN THE CONTINUITY OF ALL FIRE-RATED AND SMOKE-RATED ASSEMBLIES. ALL PENETRATIONS, JOINTS, OPENINGS, AND TRANSITIONS SHALL UTILIZE TESTED AND LISTED SYSTEMS MATCHING THE REQUIRED ASSEMBLY RATING.
15. WHERE CEILINGS ARE INDICATED AS EXPOSED STRUCTURE, COORDINATE THE ROUTING OF DUCTWORK, CONDUIT, PIPING, AND OTHER PIPING TO THE RIGHT FOR ACCESS, AND OTHER EXPOSED BUILDING SYSTEMS TO PROVIDE A CLEAN, ORDERLY, AND CONSISTENT INSTALLATION.
16. COORDINATE FINISH FLOOR ELEVATIONS TO PROVIDE SMOOTH, FLUSH TRANSITIONS BETWEEN ADJACENT SPACES. FEATHER AND PATCH EXISTING SURFACES AS REQUIRED TO PROVIDE A CONTINUOUS FINISHED FLOOR.
17. PROVIDE SOLID WOOD OR METAL BLOCKING AS REQUIRED FOR ALL WALL-MOUNTED CASEWORK, CABINETS, TOILET ACCESSORIES, SHELVING, HANDRAILS, GRAB BARS, TELEVISIONS, MONITORS, OWNER-FURNISHED EQUIPMENT, AND OTHER WALL-MOUNTED ITEMS.
18. COORDINATE ALL REQUIRED BACKING, BLOCKING, ACCESS PANELS, CASEWORK, EQUIPMENT, AND OWNER-FURNISHED ITEMS PRIOR TO CLOSING WALLS OR CEILINGS.
19. RECONCILE ALL ROOM NAMES, ROOM NUMBERS, DOOR AND WINDOW TYPE, FINISH TAGS, KEYNOTES, DETAILS, AND SCHEDULES PRIOR TO CONSTRUCTION.
20. MAINTAIN REQUIRED EGRESS WIDTHS, CORRIDOR WIDTHS, AND EXIT ACCESS DIMENSIONS. NO CONSTRUCTION SHALL REDUCE REQUIRED CODE-MINIMUM CLEARANCES.
21. EXECUTE ALL WORK PLUMB, LEVEL, TRUE, AND IN PROPER ALIGNMENT. COMPLETED WORK SHALL BE FREE OF DAMAGE, VISIBLE GAPS, MISALIGNMENT, AND OTHER CONSTRUCTION DEFICIENCIES.



1 Reflected Ceiling Plan
1/8" = 1'-0"

Lighting Fixture Schedule

Type	Mark	Type	Lumen Range	Lighting Color	Count	Mount	Size	Mounted Height	#
L1		2x2 LED Lay In Panel	2k-3k	3k	21	Lay In Grid	24"x24"	@ Ceiling	L1
L2		Hanging Linear Utility Light	3k-4k	3k	57	Hanging from Structure Above	48 Inches	<varies>	L2
L3		Ceiling Fan with Light	1k-2k	3k	18	Surface Mount - Ceiling	60 Inches DIA	96"	L3
L4		Vanity Light	500-1k	3k	19	Surface Mount - Wall	24" MIN	2-4 Inches ABV Mirror	L4
L5		Angled Spot Light	500-1k	3k	2	Surface Mount - Ceiling	4-8 Inches	@ Ceiling	L5
N12		LED Circular Disc	500-1k	3k	47	Surface Disc	6 Inches	<varies>	N12

Ceiling Schedule

Type	Area	Perimeter	Comments
2' x 2' ACT System Vinyl Covered	161 SF	53'	Provide and install square tegular vinyl covered ACT grid and panel system
GWB on Existing	4787 SF	551'	Attach 1/2" Gypsum by screw to 3/4" Wood Lathe on 16" Centers and attached directly to structure by screw
GWB on Hanging Ceiling System	2452 SF	628'	Attached 1/2" Gypsum by screw to haning metal strcture attached to structure above (provide secure structure as needed for installation including any slotted steel for spanning structure)
WD Wrap	20 SF	57'	Wrap existing metal strcture with wood to match wrapped columns

Ceiling Legend

- 2x2 Grid Ceiling
- (Empty) Open to Structure [painted]
- Drywall/gypsum Painted

General Ceiling Notes

- VERIFY CEILING ELEVATIONS AND DATUMS IN FIELD. Do not scale drawings. Report conflicts or unknown conditions to Architect before proceeding.
- COORDINATION. Coordinate all ceiling work with mechanical, electrical, plumbing, fire protection, low-voltage, and life-safety trades. The RCP governs visible device locations; notify Architect of discrepancies.
- CEILING TYPES. Install ceilings per the Ceiling Type Legend and details, including suspension system, edge conditions, tile type, finish, and ratings where noted.
- ACT SYSTEMS. Provide 15/16 in or 9/16 in grid as scheduled; align grid parallel to primary room axis; avoid sliver cuts at perimeter, center tiles where practical; provide perimeter angles and moldings per details.
- GYPSUM CEILINGS. Frame with galvanized metal framing; provide control joints, backing, and access panels as indicated; finish to Level 4 minimum unless noted otherwise; Level 5 where scheduled.
- CLOUDS AND SPECIAL FORMS. Provide concealed or exposed suspension per details; verify hang points and loads; maintain true planes and crisp edges.
- HANGER WIRES. Provide 12 ga min hanger wires from structure (not from deck flutes alone); no attachment to ductwork, piping, conduit, or sprinkler piping. Space and offset wires per manufacturer and code.
- SEISMIC REQUIREMENTS. Provide lateral bracing, compression struts, splay wires, and Seismic Separation Joints where required by code and ceiling size, coordinate with AHJ and manufacturer's ICC listing.
- PERIMETER CONDITIONS. Provide wall angles and trim; scribe to irregular substrates; maintain uniform reveals and shadow lines; provide closure at penetrations and soffit returns.
- RATED CEILINGS. Where a fire-resistance rating is indicated, install complete listed assembly including tile, grid, hold-downs, penetrations, and joint treatments. Maintain continuity at partitions to the rated lid as detailed.
- ACOUSTICS. Provide tile NRC and CAC values as scheduled; do not substitute without written approval; maintain acoustic seals at perimeters where required.
- MOISTURE AREAS. Provide moisture-resistant tiles and corrosion-resistant grid in restrooms, janitor, kitchen, or other damp locations as noted.
- ACCESS PANELS. Provide access panels where required for valves, dampers, junction boxes, controls, and devices concealed above hard lid ceilings. Coordinate size and location with affected trades.
- DEVICES IN CEILING. Center and align light fixtures, diffusers, returns, speakers, detectors, and grilles within ceiling modules; maintain straight, coordinated rows; align with room axis unless noted otherwise.
- FIXTURE SUPPORT. Provide supplemental framing, T-bar reinforcement kits, or independent hangers for fixtures, diffusers, and equipment as required by manufacturer and code; do not rely on grid alone where prohibited.
- SPRINKLER COORDINATION. Coordinate head type, escutcheons, and cut tiles; provide hold-down clips at tiles with sprinkler penetrations; maintain required clearances from lights and diffusers.
- FIRESTOPPING AND SMOKE SEAL. Seal penetrations at rated or smoke-resistive lids with listed systems; maintain smoke partitions at ceiling plane where required.
- SOFFITS AND BULKHEADS. Frame plumb and true; provide corner beads, control joints, and back-blocking; coordinate returns into adjacent ACT or hard lid.
- CONTROL JOINTS. Provide control and expansion joints in gypsum ceilings and long ACT runs per manufacturer and details; align with building joints where present.
- EDGE PROTECTION. Provide trim at exposed edges and terminations; protect finished edges from damage; finish to uniform lines.
- LIGHTING AND CONTROLS. Coordinate fixture types, mounting heights, emergency egress illumination, and control device locations with electrical drawings; install rough-ins and backboxes at exact ceiling locations.
- MECHANICAL COORDINATION. Verify diffuser and return sizes and neck locations; provide flexible duct drops and balancing dampers to achieve centered device placement in ceiling modules.
- ABOVE-CEILING CLEARANCES. Maintain code-required working clearances for equipment and access; notify Architect of conflicts with structure or MEP routing before installation.
- CLEANING AND PROTECTION. Keep ceilings clean during installation; replace soiled or damaged tiles; protect finished ceilings until Substantial Completion.
- ATTIC STOCK. Provide attic stock of ceiling tiles and grid components per specifications; deliver to Owner's designated location and label by type and color.
- RECORD LOCATIONS. Mark access panel and above-ceiling valve/damper locations on as-builts for closeout.

Mercy House Womens Campus



Construction Documents

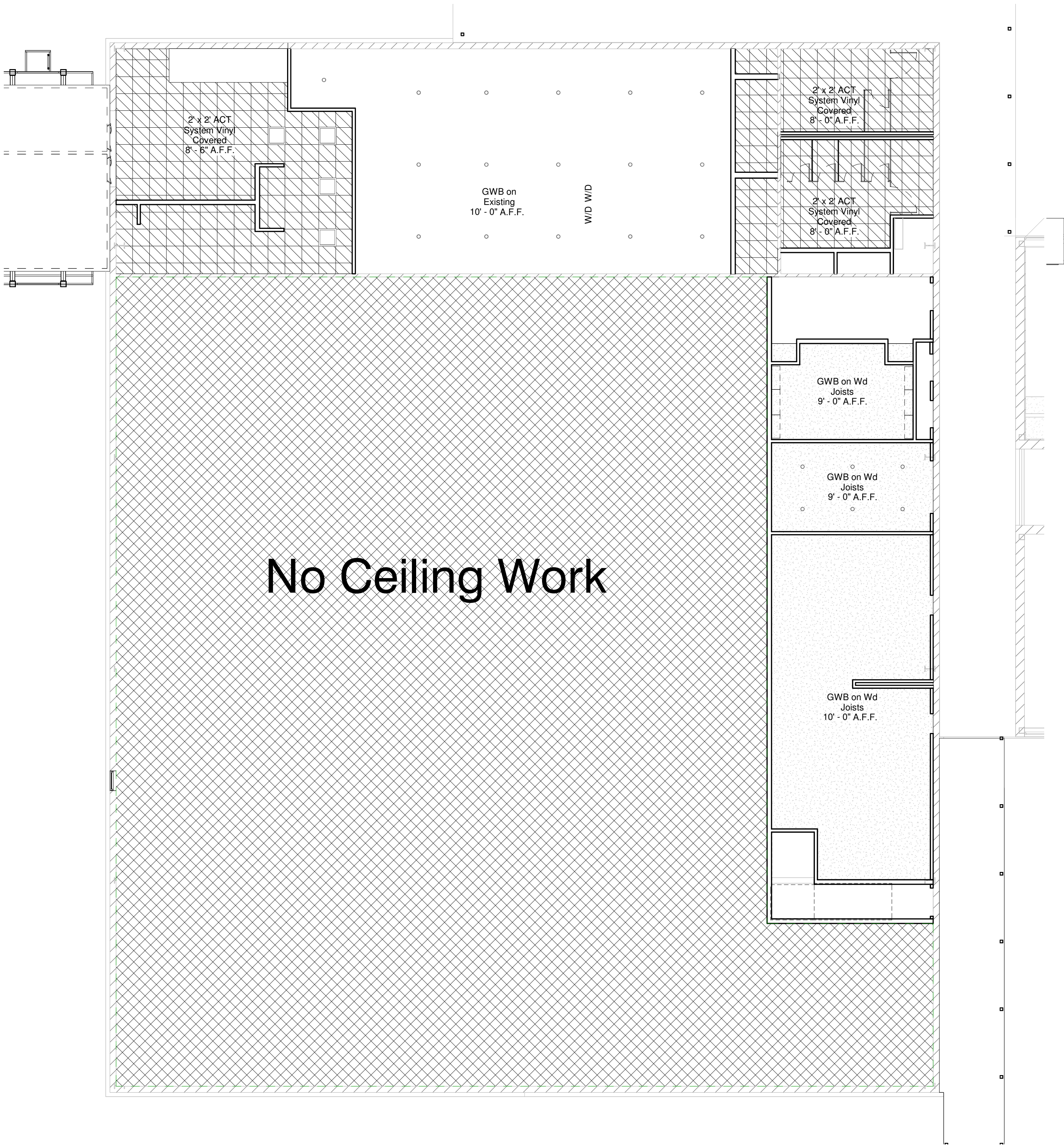
Revision	#	Rev Date
DD	2	7/26/24

RCP B, C, & D

A-141

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154
Main Campus Renovations & Site



2 Gym LVL 1
1/8" = 1'-0"

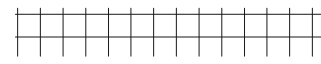
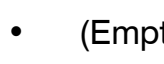
Ceiling Schedule - Gym

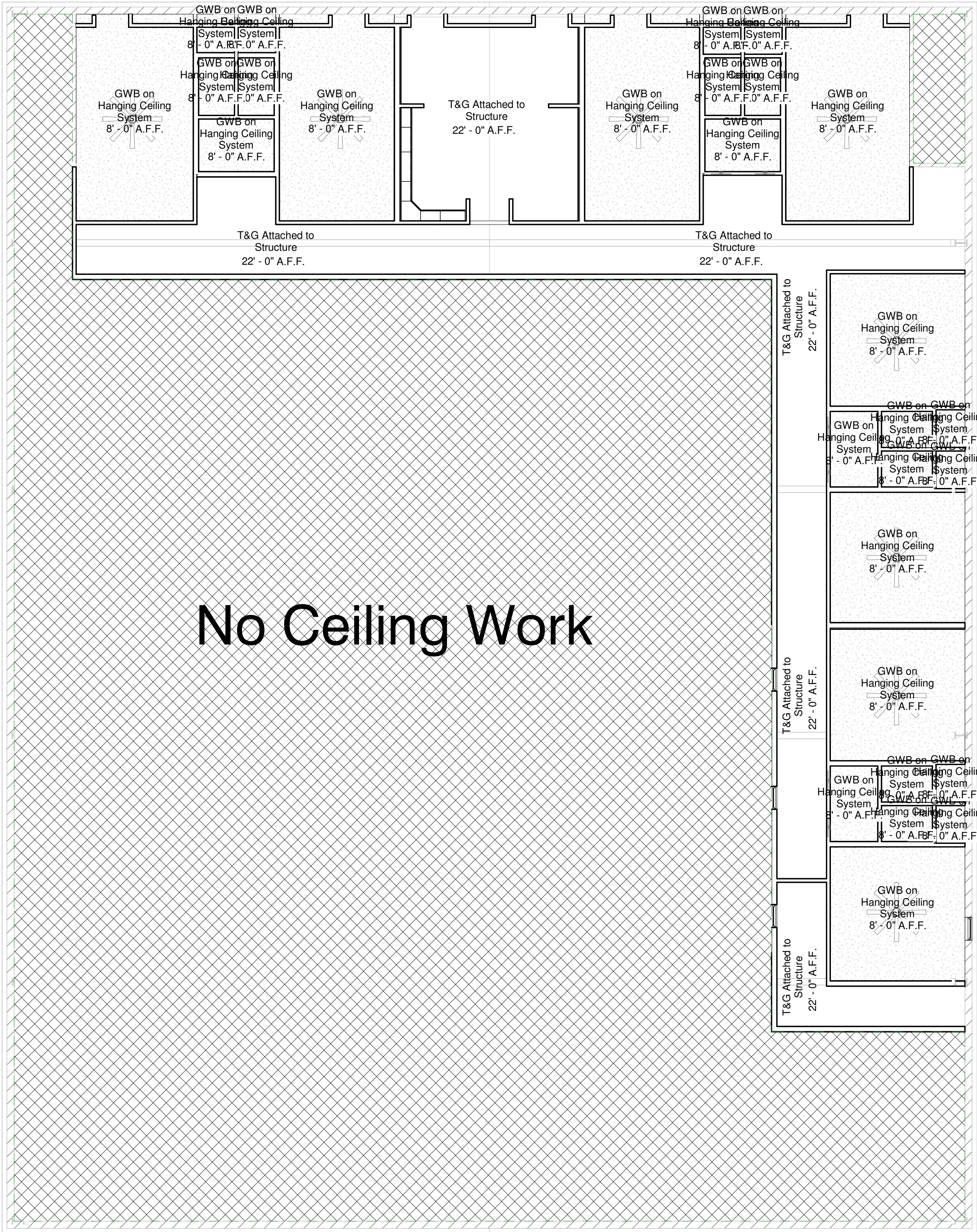
Type	Area	Perimeter	Comments
2' x 2' ACT System Vinyl Covered	1195 SF	306'	Provide and install square tegular vinyl covered ACT grid and panel system
GWB on Existing	1232 SF	157'	Attach 1/2" Gypsum by screw to 3/4" Wood Lathe on 16" Centers and attached directly to structure by screw
GWB on Hanging Ceiling System	2158 SF	845'	Attach 1/2" Gypsum by screw to 3/4" Wood Lathe on 16" Centers and attached directly to structure by screw
GWB on Wd Joists	1126 SF	254'	Attach 1/2" Gypsum by screw to 3/4" Wood Lathe on 16" Centers and attached directly to structure by screw

Lighting Fixture Schedule - Gym

Type Mark	Type	Lumen Range	Lighting Color	Count	Mount	Size	Mounted Height	#
L1	2x2 LED Lay In Panel	2k-3k	3k	4	Lay In Grid	24"x24"		L1
L3	Ceiling Fan with Light	1k-2k	3k	8	Surface Mount - Ceiling	60 Inchs DIA	@ Ceiling	L3
L4	Vanity Light	500-1k	3k	8	Surface Mount - Wall	24" MIN	2-4 Inches ABV Mirror	L4
N12	LED Circular Disc	500-1k	3k	22	Surface Mount - Ceiling	6 Inches	<varies>	N12

Ceiling Legend

-  2x2 Grid Ceiling
-  (Empty) Open to Structure [painted]
-  Drywall/gypsum Painted



1 Gym LVL 2
1/8" = 1'-0"

General Ceiling Notes

- VERIFY CEILING ELEVATIONS AND DATUMS IN FIELD. Do not scale drawings. Report conflicts or unknown conditions to Architect before proceeding.
- COORDINATION. Coordinate all ceiling work with mechanical, electrical, plumbing, fire protection, low-voltage, and life-safety trades. The RCP governs visible device locations; notify Architect of discrepancies.
- CEILING TYPES. Install ceilings per the Ceiling Type Legend and details, including suspension system, edge conditions, tile type, finish, and ratings where noted.
- ACT SYSTEMS. Provide 15/16 in or 9/16 in grid as scheduled; align grid parallel to primary room axis; avoid sliver cuts at perimeter; center tiles where practical; provide perimeter angles and moldings per details.
- GYPSUM CEILINGS. Frame with galvanized metal framing; provide control joints, backing, and access panels as indicated; finish to Level 4 minimum unless noted otherwise; Level 5 where scheduled.
- CLOUDS AND SPECIAL FORMS. Provide concealed or exposed suspension per details; verify hang points and loads; maintain true planes and crisp edges.
- HANGER WIRES. Provide 12 ga min hanger wires from structure (not from deck flutes alone); no attachment to ductwork, piping, conduit, or sprinkler piping. Space and offset wires per manufacturer and code.
- SEISMIC REQUIREMENTS. Provide lateral bracing, compression struts, splay wires, and Seismic Separation Joints where required by code and ceiling size; coordinate with AHJ and manufacturer's ICC listing.
- PERIMETER CONDITIONS. Provide wall angles and trim; scribe to irregular substrates; maintain uniform reveals and shadow lines; provide closure at penetrations and soffit returns.
- RATED CEILINGS. Where a fire-resistance rating is indicated, install complete listed assembly including tile, grid, hold-downs, penetrations, and joint treatments. Maintain continuity at partitions to the rated lid as detailed.
- ACOUSTICS. Provide tile NRC and CAC values as scheduled; do not substitute without written approval; maintain acoustic seals at perimeters where required.
- MOISTURE AREAS. Provide moisture-resistant tiles and corrosion-resistant grid in restrooms, janitor, kitchen, or other damp locations as noted.
- ACCESS PANELS. Provide access panels where required for valves, dampers, junction boxes, controls, and devices concealed above hard lid ceilings. Coordinate size and location with affected trades.
- DEVICES IN CEILING. Center and align light fixtures, diffusers, returns, speakers, detectors, and grilles within ceiling modules; maintain straight, coordinated rows; align with room axis unless noted otherwise.
- FIXTURE SUPPORT. Provide supplemental framing, T-bar reinforcement kits, or independent hangers for fixtures, diffusers, and equipment as required by manufacturer and code; do not rely on grid alone where prohibited.
- SPRINKLER COORDINATION. Coordinate head type, escutcheons, and cut tiles; provide hold-down clips at tiles with sprinkler penetrations; maintain required clearances from lights and diffusers.
- FIRESTOPPING AND SMOKE SEAL. Seal penetrations at rated or smoke-resistive lids with listed systems; maintain smoke partitions at ceiling plane where required.
- SOFFITS AND BULKHEADS. Frame plumb and true; provide corner beads, control joints, and back-blocking; coordinate returns into adjacent ACT or hard lid.
- CONTROL JOINTS. Provide control and expansion joints in gypsum ceilings and long ACT runs per manufacturer and details; align with building joints where present.
- EDGE PROTECTION. Provide trim at exposed edges and terminations; protect finished edges from damage; finish to uniform lines.
- LIGHTING AND CONTROLS. Coordinate fixture types, mounting heights, emergency egress illumination, and control device locations with electrical drawings; install rough-ins and backboxes at exact ceiling locations.
- MECHANICAL COORDINATION. Verify diffuser and return sizes and neck locations; provide flexible duct drops and balancing dampers to achieve centered device placement in ceiling modules.
- ABOVE-CEILING CLEARANCES. Maintain code-required working clearances for equipment and access; notify Architect of conflicts with structure or MEP routing before installation.
- CLEANING AND PROTECTION. Keep ceilings clean during installation; replace soiled or damaged tiles; protect finished ceilings until Substantial Completion.
- ATTIC STOCK. Provide attic stock of ceiling tiles and grid components per specifications; deliver to Owner's designated location and label by type and color.
- RECORD LOCATIONS. Mark access panel and above-ceiling valve/damper locations on as-builts for closeout.

Mercy House Womens Campus

Project No 20241215001-B Date 9/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

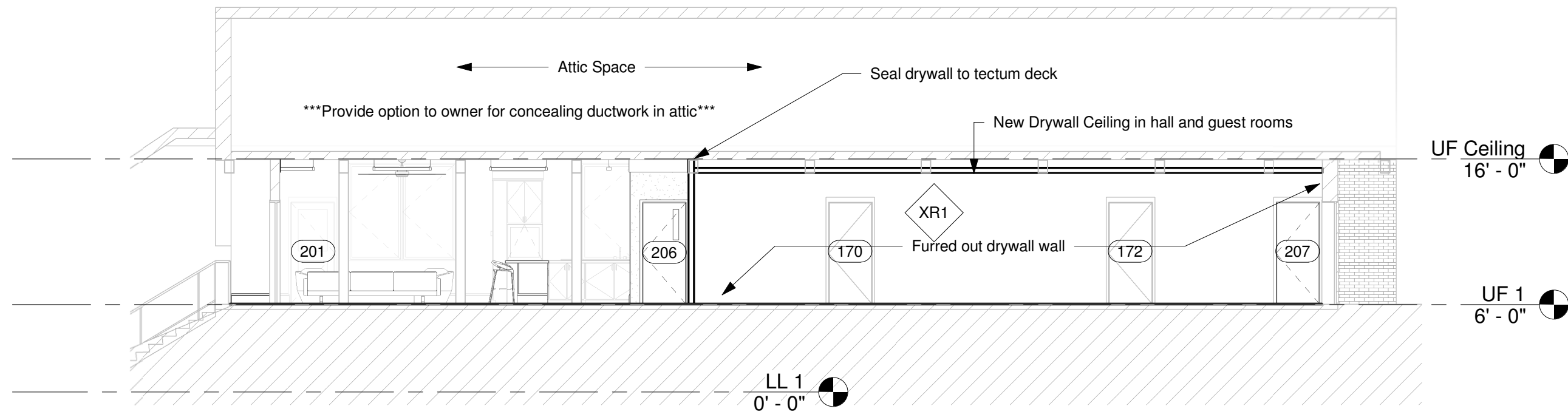


Construction Documents

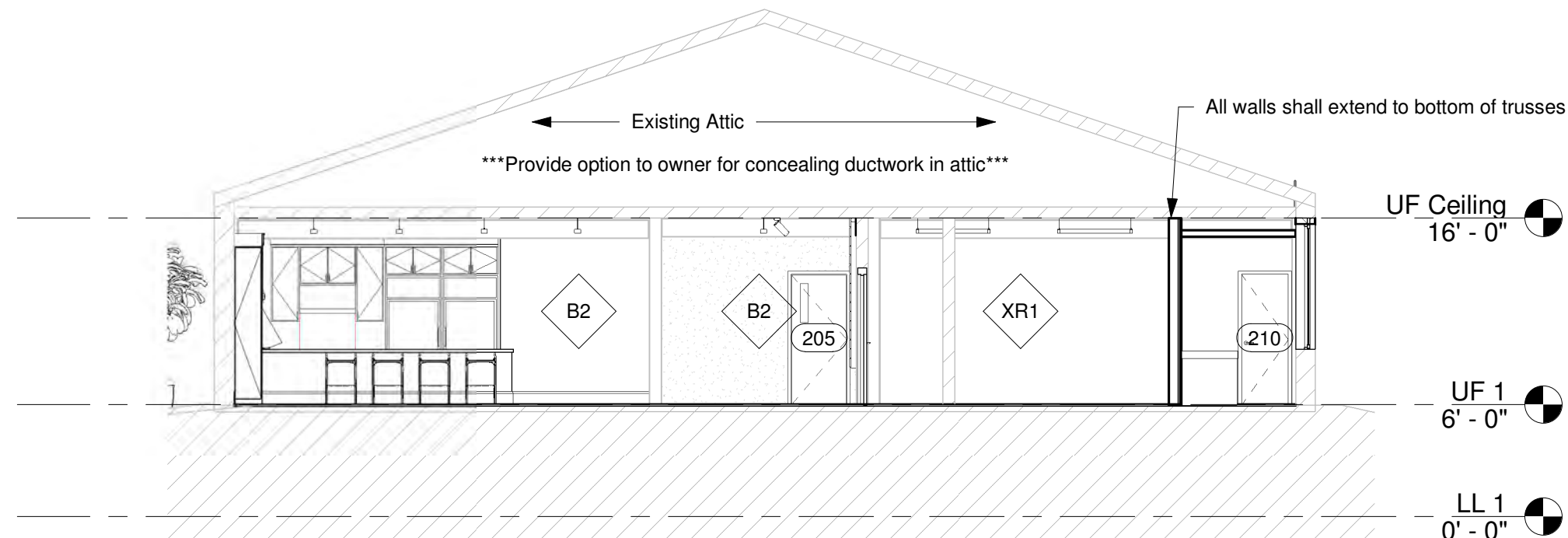
Revision	#	Rev Date
DD	2	7/26/24

RCP E 1st & 2nd

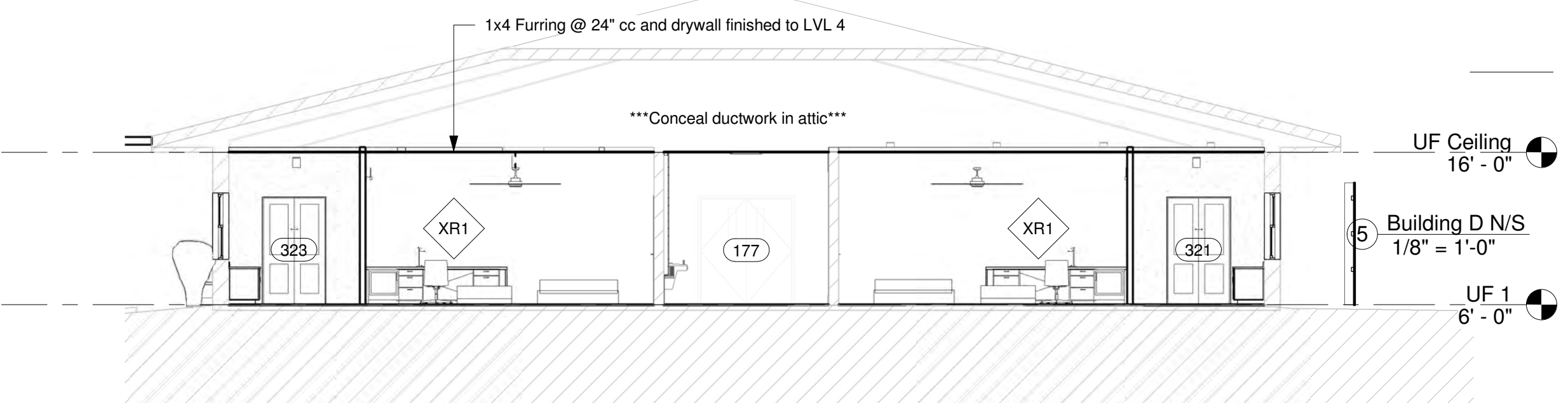
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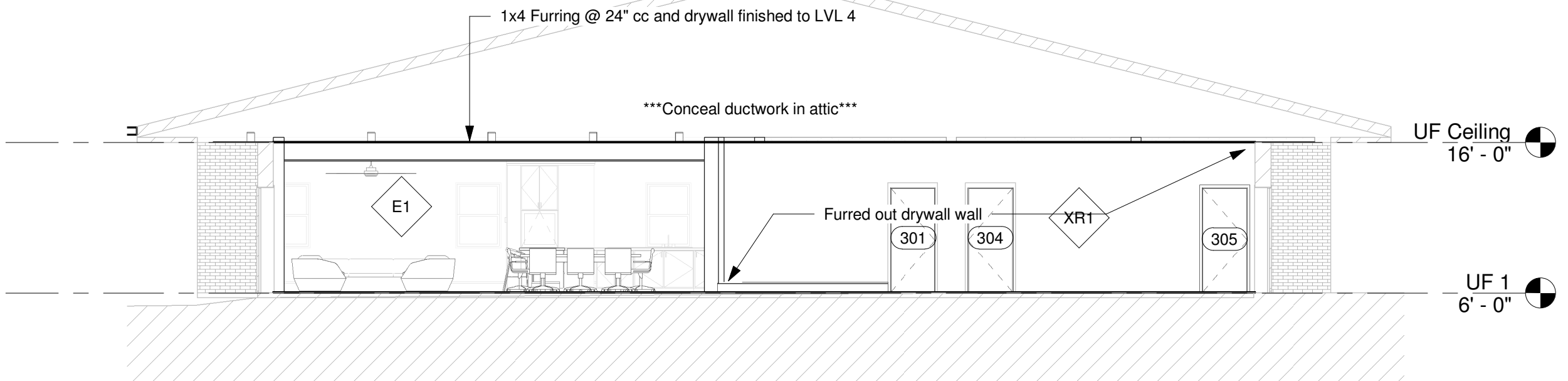
1 Building B N/S
1/8" = 1'-0"



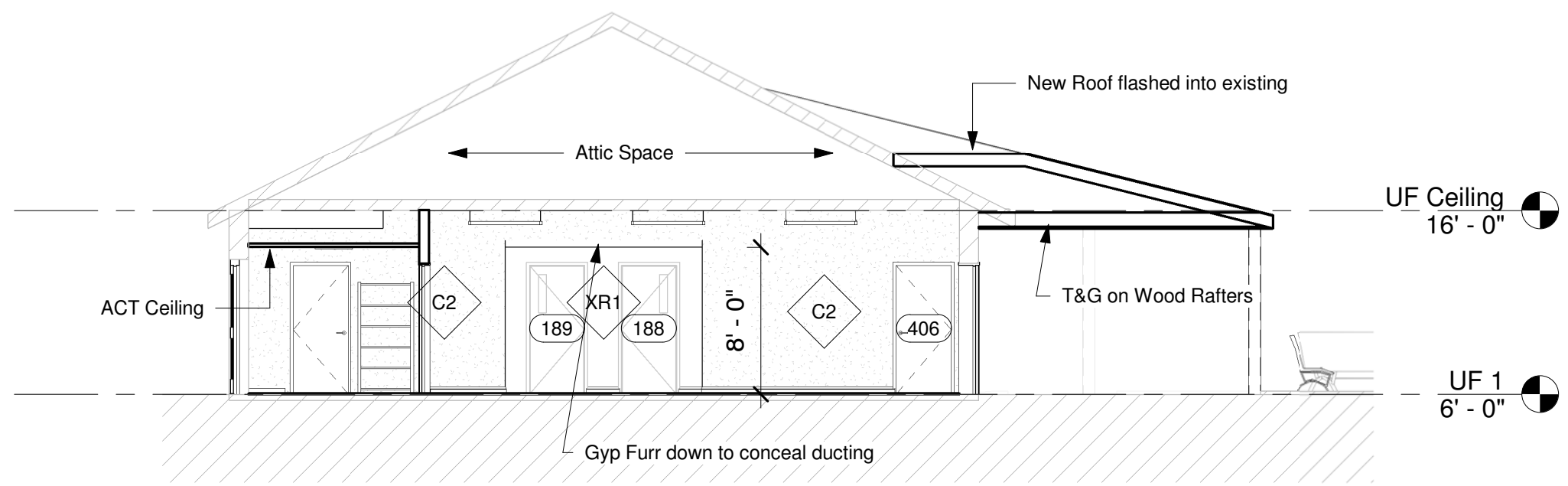
2 Building B E/W
1/8" = 1'-0"



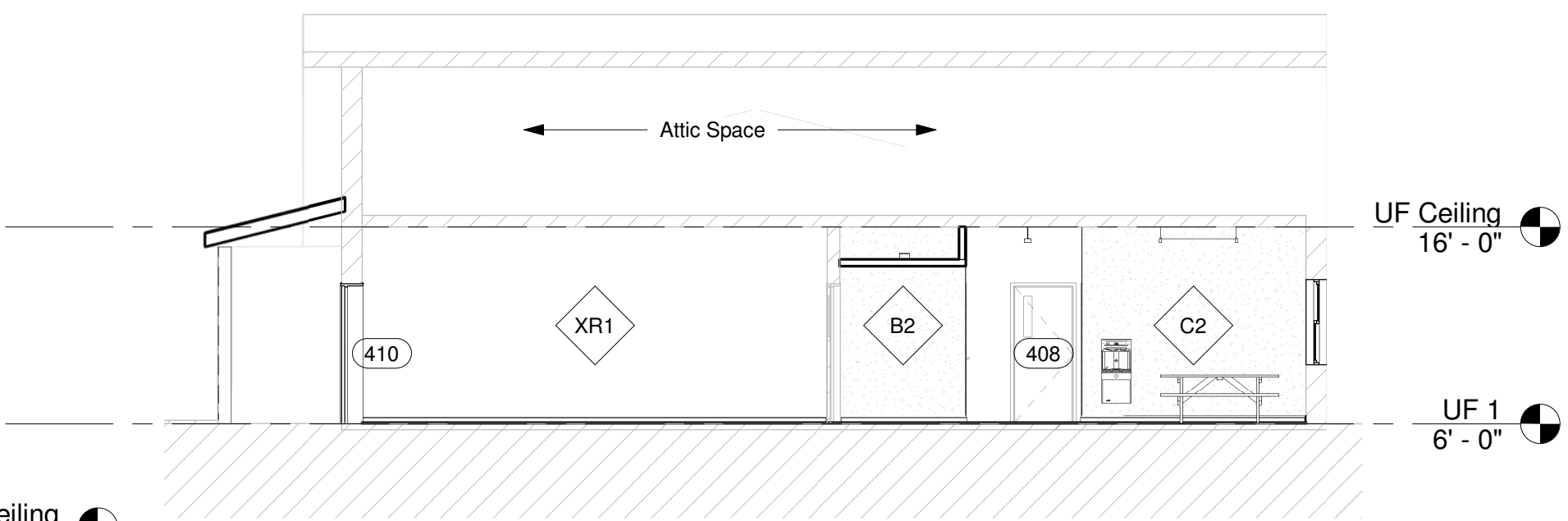
4 Building C E/W
1/8" = 1'-0"



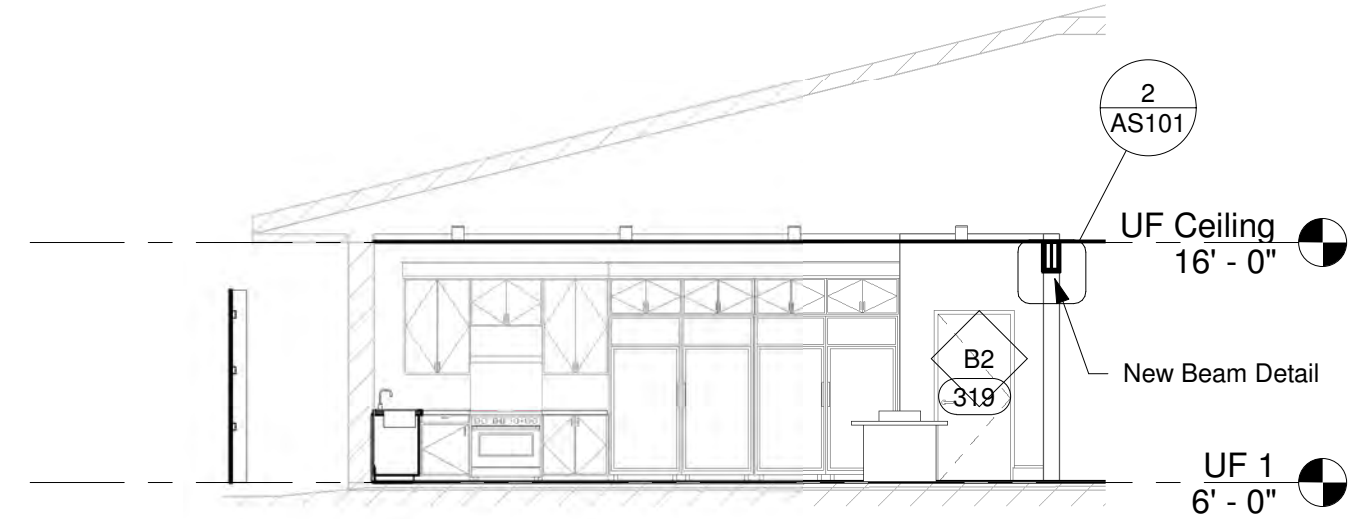
3 Building C N/S
1/8" = 1'-0"



6 Building D E/W
1/8" = 1'-0"



5 Building D N/S
1/8" = 1'-0"



7 Bldg C - Opening @ Kitchen
1/8" = 1'-0"

General Section Notes

GENERAL / EXISTING CONDITIONS

- BUILDING SECTIONS ARE DIAGRAMMATIC AND ARE INTENDED TO INDICATE GENERAL BUILDING ASSEMBLIES, VERTICAL RELATIONSHIPS, AND CONSTRUCTION INTENT. REFER TO FLOOR PLANS, REFLECTED CEILING PLANS, WALL TYPES, DETAILS, STRUCTURAL DRAWINGS, MEP DRAWINGS, AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.**
- FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, STRUCTURAL MEMBERS, WALL CONSTRUCTION, CEILING CONDITIONS, ROOF FRAMING, AND UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK. NOTIFY ARCHITECT OF CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS PRIOR TO ALTERING EXISTING CONSTRUCTION.**
- DO NOT SCALE BUILDING SECTIONS. DIMENSIONS, ELEVATIONS, AND SPECIFIC REQUIREMENTS INDICATED ELSEWHERE IN THE CONTRACT DOCUMENTS SHALL GOVERN.**
- EXISTING CONSTRUCTION SHOWN IS BASED UPON AVAILABLE INFORMATION AND LIMITED FIELD OBSERVATION. CONTRACTOR SHALL ANTICIPATE VARIATIONS IN EXISTING CONCEALED CONDITIONS TYPICAL OF RENOVATION WORK AND SHALL COORDINATE SUCH CONDITIONS WITH THE ARCHITECT PRIOR TO PROCEEDING WHERE THEY AFFECT THE DESIGN INTENT.**
- PROTECT ALL EXISTING CONSTRUCTION INDICATED TO REMAIN. REPAIR DAMAGE CAUSED BY CONSTRUCTION OPERATIONS AND RESTORE AFFECTED SURFACES TO A CONDITION CONSISTENT WITH ADJACENT FINISHED CONSTRUCTION.**
- WHERE EXISTING FINISHES OR CONSTRUCTION ARE REMOVED TO ACCOMMODATE NEW WORK, PATCH AND REPAIR ADJACENT CONSTRUCTION TO PROVIDE A COMPLETE, UNIFORM FINISHED CONDITION. MATCH EXISTING ADJACENT MATERIAL, TEXTURE, PLANE, AND APPEARANCE UNLESS NOTED OTHERWISE.**
- PROVIDE ALL INCIDENTAL DEMOLITION, CUTTING, PATCHING, BLOCKING, FURRING, FRAMING, FASTENERS, SEALANTS, TRIM, AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION, WHETHER OR NOT EACH COMPONENT IS SPECIFICALLY SHOWN IN SECTION.**

EXISTING CMU / MASONRY

- EXISTING CMU WALLS INDICATED TO REMAIN SHALL BE INSPECTED FOR CRACKING, LOOSE OR DAMAGED UNITS, OPEN JOINTS, MOISTURE DAMAGE, AND OTHER DETERIORATION. REPAIR DAMAGED AREAS AS REQUIRED PRIOR TO INSTALLATION OF NEW FURRING OR FINISHES.**
- PATCH EXISTING CMU AT REMOVED ANCHORS, DEVICES, CONDUITS, PIPING, PENETRATIONS, AND OTHER ABANDONED OPENINGS. PROVIDE SOLID, SOUND SUBSTRATE SUITABLE FOR NEW FINISHES.**
- WHERE EXISTING CMU WALLS RECEIVE NEW GYPSUM BOARD FINISH, PROVIDE 7/8" FURRING CHANNELS AT 24" O.C. MAXIMUM, SECURELY FASTENED TO EXISTING MASONRY, WITH 5/8" GYPSUM BOARD NOTED OTHERWISE. COORDINATE DOOR AND WINDOW RETURNS, JAMB DEPTHS, BASE, ELECTRICAL DEVICES, AND OTHER WALL-MOUNTED OR RECESSED ITEMS WITH THE FINISHED WALL PLANE.**
- ROUTE NEW ELECTRICAL, LOW-VOLTAGE, AND SIMILAR SERVICES WITHIN FURRED WALL CAVITIES WHERE PRACTICABLE. DO NOT CHASE, CUT, OR OTHERWISE MODIFY EXISTING CMU WITHOUT PRIOR COORDINATION.**
- WHERE NEW OPENINGS ARE CREATED IN EXISTING MASONRY, PROVIDE TEMPORARY SUPPORT AND NEW LINTELS, HEADERS, JAMBS, INFILL, AND RELATED STRUCTURAL WORK AS REQUIRED BY THE STRUCTURAL DOCUMENTS. DO NOT REMOVE LOAD-BEARING MASONRY UNTIL REQUIRED SUPPORT IS IN PLACE.**

WOOD FRAMING / EXISTING STRUCTURE

- EXISTING WOOD FRAMING EXPOSED DURING CONSTRUCTION SHALL BE VISUALLY INSPECTED PRIOR TO CONCEALMENT. NOTIFY ARCHITECT OF OBSERVED ROT, TERMITE OR INSECT DAMAGE, WATER DAMAGE, SPLITTING, EXCESSIVE DEFLECTION, OR OTHER CONDITIONS THAT MAY AFFECT THE INTEGRITY OF THE WORK.**
- DO NOT CUT, NOTCH, BORE, REMOVE, OR OTHERWISE MODIFY EXISTING STRUCTURAL FRAMING EXCEPT AS INDICATED OR APPROVED. COORDINATE REQUIRED MODIFICATIONS WITH STRUCTURAL REQUIREMENTS PRIOR TO EXECUTION.**
- PROVIDE NEW WOOD OR METAL FRAMING, BLOCKING, FURRING, AND SUPPORT AS REQUIRED TO RECEIVE NEW WALLS, CEILINGS, CASEWORK, EQUIPMENT, FIXTURES, ACCESSORIES, AND FINISHES.**
- PROVIDE PRESSURE-TREATED WOOD WHERE WOOD FRAMING OR BLOCKING OCCURS IN WET AREAS, AT WALLS CONTAINING PLUMBING, WHERE IN CONTACT WITH MASONRY OR CONCRETE WHERE REQUIRED, AND AT OTHER LOCATIONS SUBJECT TO MOISTURE.**
- NEW FRAMING ADJACENT TO EXISTING CONSTRUCTION SHALL BE INSTALLED PLUMB, LEVEL, TRUE, AND SECURELY CONNECTED WITHOUT IMPOSING UNINTENDED LOADS ON EXISTING NONSTRUCTURAL CONSTRUCTION.**

GYPSUM BOARD / INTERIOR WALLS

- PROVIDE 5/8" GYPSUM BOARD UNLESS NOTED OTHERWISE. FINISH GYPSUM BOARD TO LEVEL 4 MINIMUM AT PAINTED SURFACES UNLESS A DIFFERENT FINISH LEVEL IS SPECIFICALLY INDICATED.**
- PROVIDE MOISTURE-RESISTANT GYPSUM BOARD AT BATHROOMS, KITCHENS, WET AREAS, WALLS CONTAINING PLUMBING, AND OTHER LOCATIONS SUBJECT TO ELEVATED MOISTURE.**
- PROVIDE 1/2" CEMENTITIOUS BACKER BOARD IN LIEU OF GYPSUM BOARD AT WALL SURFACES SCHEDULED TO RECEIVE CERAMIC OR PORCELAIN TILE, UNLESS ANOTHER APPROVED TILE BACKER ASSEMBLY IS SPECIFICALLY INDICATED.**
- EXTEND PARTITIONS TO STRUCTURE OR BOTTOM OF ROOF TRUSSES WHERE INDICATED. PROVIDE BRACING, DEFLECTION ACCOMMODATION, AND CONNECTIONS APPROPRIATE TO THE EXISTING STRUCTURAL CONDITION.**
- BRACE TOPS OF PARTITIONS TO STRUCTURE AT 4'-0" O.C. MAXIMUM UNLESS OTHERWISE INDICATED OR REQUIRED BY THE APPROVED PARTITION ASSEMBLY. DO NOT ATTACH PARTITIONS IN A MANNER THAT RESTRICTS REQUIRED STRUCTURAL MOVEMENT.**
- SEAL GYPSUM BOARD CONTINUOUSLY AT PERIMETERS, ABUTMENTS, PENETRATIONS, AND INTERFACES WITH EXISTING CONSTRUCTION WHERE REQUIRED TO PROVIDE SOUND, SMOKE, OR FIRE SEPARATION.**
- WHERE NEW GYPSUM BOARD ABUTS EXISTING GYPSUM BOARD, PROVIDE BACKING AND FINISH JOINTS TO ELIMINATE VISIBLE TRANSITIONS. PATCH AND REFINISH EXISTING SURFACES AS NECESSARY TO PROVIDE A UNIFORM FINISHED PLANE.**

CEILINGS / TECTUM / EXPOSED CONSTRUCTION

- NEW GYPSUM BOARD CEILINGS SHALL BE SUPPORTED FROM STRUCTURE WITH A COMPLETE FRAMING OR SUSPENSION SYSTEM SUITABLE FOR THE SPAN AND CONDITIONS SHOWN. DO NOT SUPPORT CEILINGS FROM DUCTWORK, PIPING, CONDUIT, OR OTHER BUILDING SERVICES.**
- WHERE GYPSUM BOARD CEILINGS TERMINATE AT EXISTING TECTUM DECKING OR OTHER EXISTING CONSTRUCTION, PROVIDE A CLEAN, CONTINUOUS, SEALED TRANSITION. PROVIDE TRIM, BACKING, SEALANT, AND INCIDENTAL FRAMING REQUIRED FOR A COMPLETE FINISHED CONDITION.**
- EXISTING TECTUM DECKING AND EXPOSED STRUCTURE INDICATED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. PATCH DAMAGE AND PREPARE EXISTING SURFACES AS REQUIRED TO RECEIVE SCHEDULED PAINT FINISHES.**
- COORDINATE CEILING HEIGHTS WITH EXISTING STRUCTURE AND ALL ABOVE-CEILING MEP SYSTEMS PRIOR TO INSTALLATION. MAINTAIN CEILING HEIGHTS INDICATED TO THE GREATEST EXTENT PRACTICABLE AND NOTIFY ARCHITECT OF CONFLICTS PRIOR TO LOWERING CEILINGS.**
- PROVIDE ACCESS PANELS WHERE REQUIRED FOR ACCESS TO VALVES, DAMPERS, CONTROLS, JUNCTION BOXES, CLEANOUTS, OR OTHER SERVICEABLE COMPONENTS LOCATED ABOVE GYPSUM BOARD CEILINGS. LOCATE ACCESS PANELS IN CONSPICUOUSLY ORDERED LOCATIONS AND COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION.**

ATTICS / ABOVE-CEILING WORK

- FIELD VERIFY EXISTING ATTIC AND ABOVE-CEILING CONDITIONS PRIOR TO FABRICATION OR INSTALLATION OF NEW DUCTWORK, PIPING, CONDUIT, CEILING FRAMING, OR OTHER SYSTEMS.**
- COORDINATE ALL NEW MEP SYSTEMS WITH EXISTING ROOF FRAMING, TRUSSES, CEILING FRAMING, AND OTHER BUILDING COMPONENTS. DO NOT CUT OR ALTER TRUSSES, RAFTERS, JOISTS, BEAMS, OR OTHER STRUCTURAL MEMBERS TO ACCOMMODATE MEP WORK.**
- DUCTWORK INDICATED TO BE CONCEALED WITHIN ATTIC SPACE SHALL BE ROUTED TO MAXIMIZE AVAILABLE HEADROOM AND AVOID CONFLICTS WITH STRUCTURE AND REQUIRED ACCESS. FINAL ROUTING SHALL BE COORDINATED BETWEEN TRADES PRIOR TO INSTALLATION.**
- WHERE AN OWNER OPTION FOR CONCEALING DUCTWORK WITHIN EXISTING ATTIC SPACE IS INDICATED, CONTRACTOR SHALL VERIFY AVAILABLE SPACE AND IDENTIFY REQUIRED STRUCTURAL, MECHANICAL, ELECTRICAL, OR CEILING MODIFICATIONS BEFORE PROCEEDING. Your sections specifically identify this as an Owner option in Building B.**
- MAINTAIN REQUIRED ACCESS TO EXISTING NEW ATTIC EQUIPMENT. DO NOT LOCATE DUCTWORK, PIPING, CONDUIT, OR OTHER SERVICES SO AS TO BLOCK REQUIRED SERVICE CLEARANCES, ACCESS OPENINGS, OR ACCESS PATHS.**
- MAINTAIN CONTINUITY OF INSULATION, AIR BARRIERS, VAPOR RETARDERS WHERE REQUIRED, AND FIRE/SMOKE SEPARATIONS AT ALL NEW WORK WITHIN ATTIC AND ABOVE-CEILING SPACES.**
- REMOVE CONSTRUCTION DEBRIS, ABANDONED MATERIALS, AND UNUSED COMPONENTS RESULTING FROM THE WORK FROM ATTIC AND ABOVE-CEILING SPACES. DO NOT LEAVE LOOSE MATERIALS OR DEBRIS ON CEILINGS OR STRUCTURAL MEMBERS.**

ROOF / BUILDING ENVELOPE

- NEW ROOF CONSTRUCTION SHALL BE INTEGRATED WITH EXISTING ROOFING TO PROVIDE A COMPLETE WEATHER-TIGHT ASSEMBLY. PROVIDE FLASHING, COUNTERFLASHING, UNDERLAYMENT, MEMBRANES, SEALANTS, CLOSURES, AND OTHER ACCESSORIES REQUIRED FOR POSITIVE DRAINAGE AND WATER-TIGHT CONSTRUCTION.**
- WHERE NEW ROOF CONSTRUCTION INTERSECTS EXISTING ROOF CONSTRUCTION, REMOVE EXISTING MATERIALS ONLY TO THE EXTENT REQUIRED TO PROPERLY INSTALL AND FLASH THE NEW WORK. RESTORE DISTURBED EXISTING ROOFING TO A WEATHER-TIGHT CONDITION.**
- MAINTAIN CONTINUITY OF THE BUILDING THERMAL AND AIR/WATER CONTROL LAYERS AT NEW-TO-EXISTING CONSTRUCTION. SEAL GAPS AND TRANSITIONS AT ROOFS, WALLS, OPENINGS, PENETRATIONS, AND OTHER INTERRUPTIONS IN THE BUILDING ENVELOPE.**
- EXTERIOR AIR/WATER BARRIER AND THERMAL INSULATION SHALL PROVIDE A CONTINUOUS SEPARATION BETWEEN EXTERIOR/UNCONDITIONED CONDITIONS AND INTERIOR CONDITIONED OR OCCUPIED SPACES.**
- PROVIDE POSITIVE DRAINAGE AT NEW AND MODIFIED ROOF AREAS. DO NOT CREATE CONDITIONS THAT TRAP WATER AGAINST EXISTING WALLS, ROOFS, FLASHINGS, OR OTHER BUILDING COMPONENTS.**

PENETRATIONS / FIRE AND AIR SEALING

- SEAL ALL NEW AND EXISTING PENETRATIONS THROUGH EXTERIOR WALLS, ROOF ASSEMBLIES, CEILINGS, AND OTHER BUILDING ENVELOPE COMPONENTS WITH MATERIALS COMPATIBLE WITH THE ADJACENT CONSTRUCTION.**
- FIRESTOP PENETRATIONS AND JOINTS THROUGH FIRE-RESISTANCE-RATED CONSTRUCTION WITH APPROVED LISTED SYSTEMS MATCHING THE REQUIRED RATING.**
- WHERE EXISTING ABANDONED PENETRATIONS ARE EXPOSED DURING THE WORK, PATCH AND SEAL THE OPENING TO RESTORE THE PERFORMANCE OF THE ORIGINAL ASSEMBLY.**

OPENINGS / WINDOWS / DOORS

- COORDINATE NEW AND MODIFIED OPENINGS WITH EXISTING STRUCTURE PRIOR TO DEMOLITION. PROVIDE HEADERS, LINTELS, BLOCKING, TRIM, FLASHING, SEALANTS, AND FINISH REPAIRS REQUIRED FOR COMPLETE OPENING ASSEMBLIES.**
- NEW WINDOWS INSTALLED WITHIN EXISTING OPENINGS SHALL FULLY FILL THE OPENING CREATED BY REMOVAL OF THE EXISTING WINDOW UNLESS SPECIFICALLY INDICATED OTHERWISE. PROVIDE COMPLETE PERIMETER FLASHING, SEALING, TRIM, AND FINISH RESTORATION.**
- NEW WINDOWS REQUIRED FOR EMERGENCY ESCAPE AND RESCUE SHALL BE OPERABLE AND SHALL PROVIDE THE REQUIRED CLEAR OPENING AREA, CLEAR OPENING DIMENSIONS, AND SILL HEIGHT REQUIRED BY THE APPLICABLE CODE.**

COORDINATION / COMPLETION

- COORDINATE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK PRIOR TO CONSTRUCTION. ARCHITECTURAL SECTIONS SHALL NOT BE INTERPRETED AS ESTABLISHING FINAL MEP ROUTING.**
- WHERE EXISTING CONSTRUCTION PREVENTS INSTALLATION AS INDICATED, DO NOT FIELD-MODIFY THE DESIGN WITHOUT REVIEW. DOCUMENT THE CONDITION AND NOTIFY ARCHITECT BEFORE PROCEEDING.**
- ALL ANCHORS, FASTENERS, RELIEF ANGLES, AND EXTERIOR ATTACHMENT DEVICES EXPOSED TO WEATHER OR LOCATED WITHIN EXTERIOR WALL ASSEMBLIES SHALL BE HOT-DIP GALVANIZED, STAINLESS STEEL, OR OTHERWISE CORROSION-RESISTANT AS APPROPRIATE FOR THE APPLICATION.**
- COMPLETE ALL RENOVATION WORK SO THAT NEW AND EXISTING CONSTRUCTION FORM A COORDINATED, SECURE, WEATHER-TIGHT, AND FINISHED ASSEMBLY. INCIDENTAL WORK NECESSARY TO ACHIEVE THE INDICATED RESULT SHALL BE INCLUDED WHETHER OR NOT EACH COMPONENT IS INDIVIDUALLY SHOWN.**

Mercy House Womens Campus

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

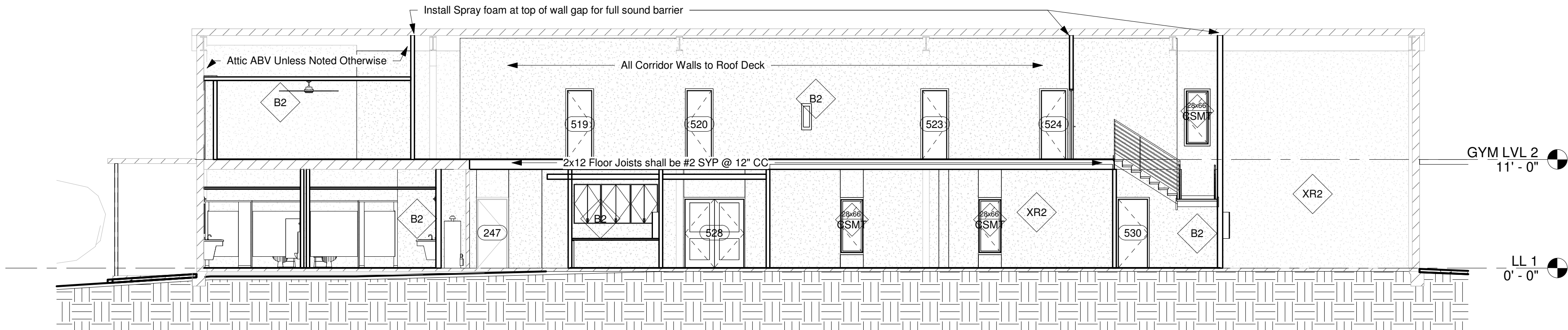


Construction Documents

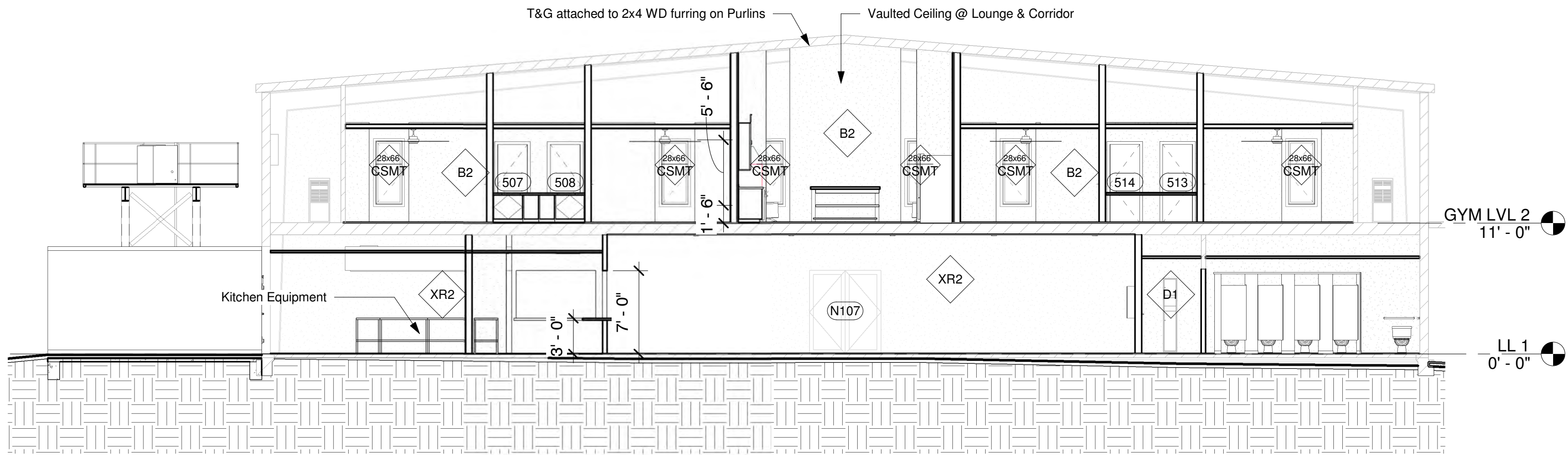
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Building Sections

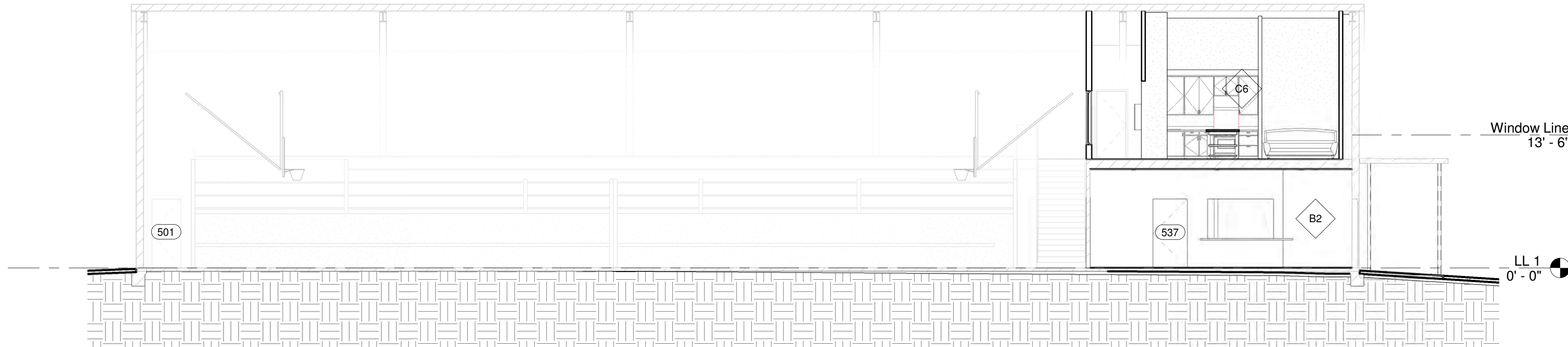
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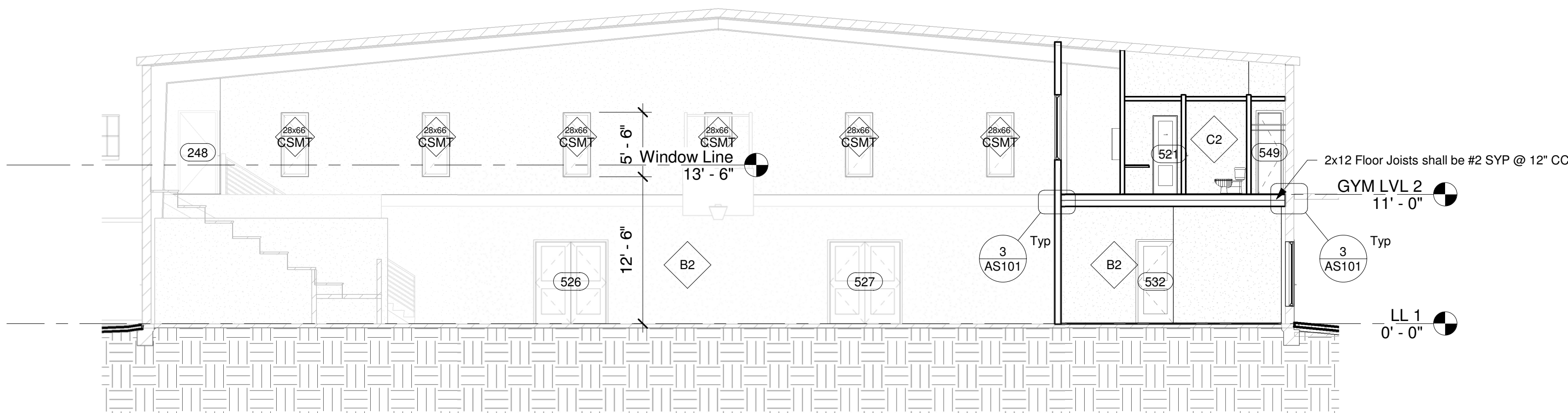
① Building E N/S on E End
1/8" = 1'-0"



② Building E E/W on N End
1/8" = 1'-0"



③ Building E N/S on W End
1/8" = 1'-0"



④ Building E E/W on S End
1/8" = 1'-0"

General Section Notes

GENERAL / EXISTING CONDITIONS

- BUILDING SECTIONS ARE DIAGMMATIC AND ARE INTENDED TO INDICATE GENERAL BUILDING ASSEMBLIES, VERTICAL RELATIONSHIPS, AND CONSTRUCTION INTENT.** REFER TO FLOOR PLANS, REFLECTED CEILING PLANS, WALL TYPES, DETAILS, STRUCTURAL DRAWINGS, MEP DRAWINGS, AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, STRUCTURAL MEMBERS, WALL CONSTRUCTION, CEILING CONDITIONS, ROOF FRAMING, AND UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK.** NOTIFY ARCHITECT OF CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS PRIOR TO ALTERING EXISTING CONSTRUCTION.
- DO NOT SCALE BUILDING SECTIONS.** DIMENSIONS, ELEVATIONS, AND SPECIFIC REQUIREMENTS INDICATED ELSEWHERE IN THE CONTRACT DOCUMENTS SHALL GOVERN.
- EXISTING CONSTRUCTION SHOWN IS BASED UPON AVAILABLE INFORMATION AND LIMITED FIELD OBSERVATION.** CONTRACTOR SHALL ANTICIPATE VARIATIONS IN EXISTING CONCEALED CONDITIONS TYPICAL OF RENOVATION WORK AND SHALL COORDINATE SUCH CONDITIONS WITH THE ARCHITECT PRIOR TO PROCEEDING WHERE THEY AFFECT THE DESIGN INTENT.
- PROTECT ALL EXISTING CONSTRUCTION INDICATED TO REMAIN.** REPAIR DAMAGE CAUSED BY CONSTRUCTION OPERATIONS AND RESTORE AFFECTED SURFACES TO A CONDITION CONSISTENT WITH ADJACENT FINISHED CONSTRUCTION.
- WHERE EXISTING FINISHES OR CONSTRUCTION ARE REMOVED TO ACCOMMODATE NEW WORK, PATCH AND REPAIR ADJACENT CONSTRUCTION TO PROVIDE A COMPLETE, UNIFORM FINISHED CONDITION.** MATCH EXISTING ADJACENT MATERIAL, TEXTURE, PLANE, AND APPEARANCE UNLESS NOTED OTHERWISE.
- PROVIDE ALL INCIDENTAL DEMOLITION, CUTTING, PATCHING, BLOCKING, FURRING, FRAMING, FASTENERS, SEALANTS, TRIM, AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION,** WHETHER OR NOT EACH COMPONENT IS SPECIFICALLY SHOWN IN SECTION.

EXISTING CMU / MASONRY

- EXISTING CMU WALLS INDICATED TO REMAIN SHALL BE INSPECTED FOR CRACKING, LOOSE OR DAMAGED UNITS, OPEN JOINTS, MOISTURE DAMAGE, AND OTHER DETERIORATION.** REPAIR DAMAGED AREAS AS REQUIRED PRIOR TO INSTALLATION OF NEW FURRING OR FINISHES.
- PATCH EXISTING CMU AT REMOVED ANCHORS, DEVICES, CONDUITS, PIPING, PENETRATIONS, AND OTHER ABANDONED OPENINGS.** PROVIDE SOLID, SOUND SUBSTRATE SUITABLE FOR NEW FINISHES.
- WHERE EXISTING CMU WALLS RECEIVE NEW GYPSUM BOARD FINISH, PROVIDE 7/8" FURRING CHANNELS AT 24" O.C. MAXIMUM, SECURELY FASTENED TO EXISTING MASONRY, WITH 5/8" GYPSUM BOARD UNLESS NOTED OTHERWISE.** COORDINATE DOOR AND WINDOW RETURNS, JAMB DEPTHS, BASE, ELECTRICAL DEVICES, AND OTHER WALL-MOUNTED OR RECESSED ITEMS WITH THE FINISHED WALL PLANE.
- ROUTE NEW ELECTRICAL, LOW-VOLTAGE, AND SIMILAR SERVICES WITHIN FURRED WALL CAVITIES WHERE PRACTICABLE.** DO NOT CHASE, CUT, OR OTHERWISE MODIFY EXISTING CMU WITHOUT PRIOR COORDINATION.
- WHERE NEW OPENINGS ARE CREATED IN EXISTING MASONRY, PROVIDE TEMPORARY SUPPORT AND NEW LINTELS, HEADERS, JAMBS, INFILL, AND RELATED STRUCTURAL WORK AS REQUIRED BY THE STRUCTURAL DOCUMENTS.** DO NOT REMOVE LOAD-BEARING MASONRY UNTIL REQUIRED SUPPORT IS IN PLACE.

WOOD FRAMING / EXISTING STRUCTURE

- EXISTING WOOD FRAMING EXPOSED DURING CONSTRUCTION SHALL BE VISUALLY INSPECTED PRIOR TO CONCEALMENT.** NOTIFY ARCHITECT OF OBSERVED ROT, TERMITES OR INSECT DAMAGE, WATER DAMAGE, SPLITTING, EXCESSIVE DEFLECTION, OR OTHER CONDITIONS THAT MAY AFFECT THE INTEGRITY OF THE WORK.
- DO NOT CUT, NOTCH, BORE, REMOVE, OR OTHERWISE MODIFY EXISTING STRUCTURAL FRAMING EXCEPT AS INDICATED OR APPROVED.** COORDINATE REQUIRED MODIFICATIONS WITH STRUCTURAL REQUIREMENTS PRIOR TO EXECUTION.
- PROVIDE NEW WOOD OR METAL FRAMING, BLOCKING, FURRING, AND SUPPORT AS REQUIRED TO RECEIVE NEW WALLS, CEILINGS, CASEWORK, EQUIPMENT, FIXTURES, ACCESSORIES, AND FINISHES.**
- PROVIDE PRESSURE-TREATED WOOD WHERE WOOD FRAMING OR BLOCKING OCCURS IN WET AREAS, AT WALLS CONTAINING PLUMBING, WHERE IN CONTACT WITH MASONRY OR CONCRETE WHERE REQUIRED, AND AT OTHER LOCATIONS SUBJECT TO MOISTURE.**
- NEW FRAMING ADJACENT TO EXISTING CONSTRUCTION SHALL BE INSTALLED PLUMB, LEVEL, TRUE, AND SECURELY CONNECTED WITHOUT IMPOSING UNINTENDED LOADS ON EXISTING NONSTRUCTURAL CONSTRUCTION.**

GYPSUM BOARD / INTERIOR WALLS

- PROVIDE 5/8" GYPSUM BOARD UNLESS NOTED OTHERWISE.** FINISH GYPSUM BOARD TO LEVEL 4 MINIMUM AT PAINTED SURFACES UNLESS A DIFFERENT FINISH LEVEL IS SPECIFICALLY INDICATED.
- PROVIDE MOISTURE-RESISTANT GYPSUM BOARD AT BATHROOMS, KITCHENS, WET AREAS, WALLS CONTAINING PLUMBING, AND OTHER LOCATIONS SUBJECT TO ELEVATED MOISTURE.**
- PROVIDE 1/2" CEMENTITIOUS BACKER BOARD IN LIEU OF GYPSUM BOARD AT WALL SURFACES SCHEDULED TO RECEIVE CERAMIC OR PORCELAIN TILE, UNLESS ANOTHER APPROVED TILE BACKER ASSEMBLY IS SPECIFICALLY INDICATED.**
- EXTEND PARTITIONS TO STRUCTURE OR BOTTOM OF ROOF TRUSSES WHERE INDICATED.** PROVIDE BRACING, DEFLECTION ACCOMMODATION, AND CONNECTIONS APPROPRIATE TO THE EXISTING STRUCTURAL CONDITION.
- BRACE TOPS OF PARTITIONS TO STRUCTURE AT 4'-0" O.C. MAXIMUM UNLESS OTHERWISE INDICATED OR REQUIRED BY THE APPROVED PARTITION ASSEMBLY.** DO NOT ATTACH PARTITIONS IN A MANNER THAT RESTRICTS REQUIRED STRUCTURAL MOVEMENT.
- SEAL GYPSUM BOARD CONTINUOUSLY AT PERIMETERS, ABUTMENTS, PENETRATIONS, AND INTERFACES WITH EXISTING CONSTRUCTION WHERE REQUIRED TO PROVIDE THE INDICATED AIR, SOUND, SMOKE, OR FIRE SEPARATION.**
- WHERE NEW GYPSUM BOARD ABUTS EXISTING GYPSUM BOARD, PROVIDE BACKING AND FINISH JOINTS TO ELIMINATE VISIBLE TRANSITIONS.** PATCH AND REFINISH EXISTING SURFACES AS NECESSARY TO PROVIDE A UNIFORM FINISHED PLANE.

CEILINGS / TECTUM / EXPOSED CONSTRUCTION

- NEW GYPSUM BOARD CEILINGS SHALL BE SUPPORTED FROM STRUCTURE WITH A COMPLETE FRAMING OR SUSPENSION SYSTEM SUITABLE FOR THE SPAN AND CONDITIONS SHOWN.** DO NOT SUPPORT CEILINGS FROM DUCTWORK, PIPING, CONDUIT, OR OTHER BUILDING SERVICES.
- WHERE GYPSUM BOARD CEILINGS TERMINATE AT EXISTING TECTUM DECKING OR OTHER EXISTING CONSTRUCTION, PROVIDE A CLEAN, CONTINUOUS, SEALED TRANSITION.** PROVIDE TRIM, BACKING, SEALANT, AND INCIDENTAL FRAMING REQUIRED FOR A COMPLETE FINISHED CONDITION.
- EXISTING TECTUM DECKING AND EXPOSED STRUCTURE INDICATED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.** PATCH DAMAGE AND PREPARE EXISTING SURFACES AS REQUIRED TO RECEIVE SCHEDULED PAINT FINISHES.
- COORDINATE CEILING HEIGHTS WITH EXISTING STRUCTURE AND ALL ABOVE-CEILING MEP SYSTEMS PRIOR TO INSTALLATION.** MAINTAIN CEILING HEIGHTS INDICATED TO THE GREATEST EXTENT PRACTICABLE AND NOTIFY ARCHITECT OF CONFLICTS PRIOR TO LOWERING CEILINGS.
- PROVIDE ACCESS PANELS WHERE REQUIRED FOR ACCESS TO VALVES, DAMPERS, CONTROLS, JUNCTION BOXES, CLEANOUTS, OR OTHER SERVICEABLE COMPONENTS LOCATED ABOVE GYPSUM BOARD CEILINGS.** LOCATE ACCESS PANELS IN CONSPICUOUSLY ORDERED LOCATIONS AND COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION.

ABOVE-CEILING WORK

- FIELD VERIFY EXISTING ATTIC AND ABOVE-CEILING CONDITIONS PRIOR TO FABRICATION OR INSTALLATION OF NEW DUCTWORK, PIPING, CONDUIT, CEILING FRAMING, OR OTHER SYSTEMS.**
- COORDINATE ALL NEW MEP SYSTEMS WITH EXISTING ROOF FRAMING, TRUSSES, CEILING FRAMING, AND OTHER BUILDING COMPONENTS.** DO NOT CUT OR ALTER TRUSSES, RAFTERS, JOISTS, BEAMS, OR OTHER STRUCTURAL MEMBERS TO ACCOMMODATE MEP WORK.
- DUCTWORK INDICATED TO BE CONCEALED WITHIN ATTIC SPACE SHALL BE ROUTED TO MAXIMIZE AVAILABLE HEADROOM AND AVOID CONFLICTS WITH STRUCTURE AND REQUIRED ACCESS.** FINAL ROUTING SHALL BE COORDINATED BETWEEN TRADES PRIOR TO INSTALLATION.
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- MAINTAIN REQUIRED ACCESS TO EXISTING AND NEW ATTIC EQUIPMENT.** DO NOT LOCATE DUCTWORK, PIPING, CONDUIT, OR OTHER SERVICES SO AS TO BLOCK REQUIRED SERVICE CLEARANCES, ACCESS OPENINGS, OR ACCESS PATHS.
- MAINTAIN CONTINUITY OF INSULATION, AIR BARRIERS, VAPOR RETARDERS WHERE REQUIRED, AND FIRE/SMOKE SEPARATIONS AT ALL NEW WORK WITHIN ATTIC AND ABOVE-CEILING SPACES.**
- REMOVE CONSTRUCTION DEBRIS, ABANDONED MATERIALS, AND UNUSED COMPONENTS RESULTING FROM THE WORK FROM ATTIC AND ABOVE-CEILING SPACES.** DO NOT LEAVE LOOSE MATERIALS OR DEBRIS ON CEILINGS OR STRUCTURAL MEMBERS.

ROOF / BUILDING ENVELOPE

- NEW ROOF CONSTRUCTION SHALL BE INTEGRATED WITH EXISTING ROOFING TO PROVIDE A COMPLETE WEATHER-TIGHT ASSEMBLY.** PROVIDE FLASHING, COUNTERFLASHING, UNDERLAYMENT, MEMBRANES, SEALANTS, CLOSURES, AND OTHER ACCESSORIES REQUIRED FOR POSITIVE DRAINAGE AND WATER-TIGHT CONSTRUCTION.
- WHERE NEW ROOF CONSTRUCTION INTERSECTS EXISTING ROOF CONSTRUCTION, REMOVE EXISTING MATERIALS ONLY TO THE EXTENT REQUIRED TO PROPERLY INSTALL AND FLASH THE NEW WORK.** RESTORE DISTURBED EXISTING ROOFING TO A WEATHER-TIGHT CONDITION.
- MAINTAIN CONTINUITY OF THE BUILDING THERMAL AND AIR/WATER CONTROL LAYERS AT NEW-TO-EXISTING CONSTRUCTION.** SEAL GAPS AND TRANSITIONS AT ROOFS, WALLS, OPENINGS, PENETRATIONS, AND OTHER INTERRUPTIONS IN THE BUILDING ENVELOPE.
- EXTERIOR AIR/WATER BARRIER AND THERMAL INSULATION SHALL PROVIDE A CONTINUOUS SEPARATION BETWEEN EXTERIOR/UNCONDITIONED CONDITIONS AND INTERIOR CONDITIONED OR OCCUPIED SPACES.**
- PROVIDE POSITIVE DRAINAGE AT NEW AND MODIFIED ROOF AREAS.** DO NOT CREATE CONDITIONS THAT TRAP WATER AGAINST EXISTING WALLS, ROOFS, FLASHINGS, OR OTHER BUILDING COMPONENTS.

PENETRATIONS / FIRE AND AIR SEALING

- SEAL ALL NEW AND EXISTING PENETRATIONS THROUGH EXTERIOR WALLS, ROOF ASSEMBLIES, CEILINGS, AND OTHER BUILDING ENVELOPE COMPONENTS WITH MATERIALS COMPATIBLE WITH THE ADJACENT CONSTRUCTION.**
- FIRESTOP PENETRATIONS AND JOINTS THROUGH FIRE-RESISTANCE-RATED CONSTRUCTION WITH APPROVED LISTED SYSTEMS MATCHING THE REQUIRED RATING.**
- WHERE EXISTING ABANDONED PENETRATIONS ARE EXPOSED DURING THE WORK, PATCH AND SEAL THE OPENING TO RESTORE THE PERFORMANCE OF THE ORIGINAL ASSEMBLY.**

OPENINGS / WINDOWS / DOORS

- COORDINATE NEW AND MODIFIED OPENINGS WITH EXISTING STRUCTURE PRIOR TO DEMOLITION.** PROVIDE HEADERS, LINTELS, BLOCKING, TRIM, FLASHING, SEALANTS, AND FINISH REPAIRS REQUIRED FOR COMPLETE OPENING ASSEMBLIES.
- NEW WINDOWS INSTALLED WITHIN EXISTING OPENINGS SHALL FULLY FILL THE OPENING CREATED BY REMOVAL OF THE EXISTING WINDOW UNLESS SPECIFICALLY INDICATED OTHERWISE.** PROVIDE COMPLETE PERIMETER FLASHING, SEALING, TRIM, AND FINISH RESTORATION.
- NEW WINDOWS REQUIRED FOR EMERGENCY ESCAPE AND RESCUE SHALL BE OPERABLE AND SHALL PROVIDE THE REQUIRED CLEAR OPENING AREA, CLEAR OPENING DIMENSIONS, AND SILL HEIGHT REQUIRED BY THE APPLICABLE CODE.**

COORDINATION / COMPLETION

- COORDINATE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK PRIOR TO CONSTRUCTION.** ARCHITECTURAL SECTIONS SHALL NOT BE INTERPRETED AS ESTABLISHING FINAL MEP ROUTING.
- WHERE EXISTING CONSTRUCTION PREVENTS INSTALLATION AS INDICATED, DO NOT FIELD-MODIFY THE DESIGN WITHOUT REVIEW.** DOCUMENT THE CONDITION AND NOTIFY ARCHITECT BEFORE PROCEEDING.
- ALL ANCHORS, FASTENERS, RELIEF ANGLES, AND EXTERIOR ATTACHMENT DEVICES EXPOSED TO WEATHER OR LOCATED WITHIN EXTERIOR WALL ASSEMBLIES SHALL BE HOT-DIP GALVANIZED, STAINLESS STEEL, OR OTHERWISE CORROSION-RESISTANT AS APPROPRIATE FOR THE APPLICATION.**
- COMPLETE ALL RENOVATION WORK SO THAT NEW AND EXISTING CONSTRUCTION FORM A COORDINATED, SECURE, WEATHER-TIGHT, AND FINISHED ASSEMBLY.** INCIDENTAL WORK NECESSARY TO ACHIEVE THE INDICATED RESULT SHALL BE INCLUDED WHETHER OR NOT EACH COMPONENT IS INDIVIDUALLY SHOWN.

Mercy House Womens Campus

Project No 20241215001-B Date 9/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

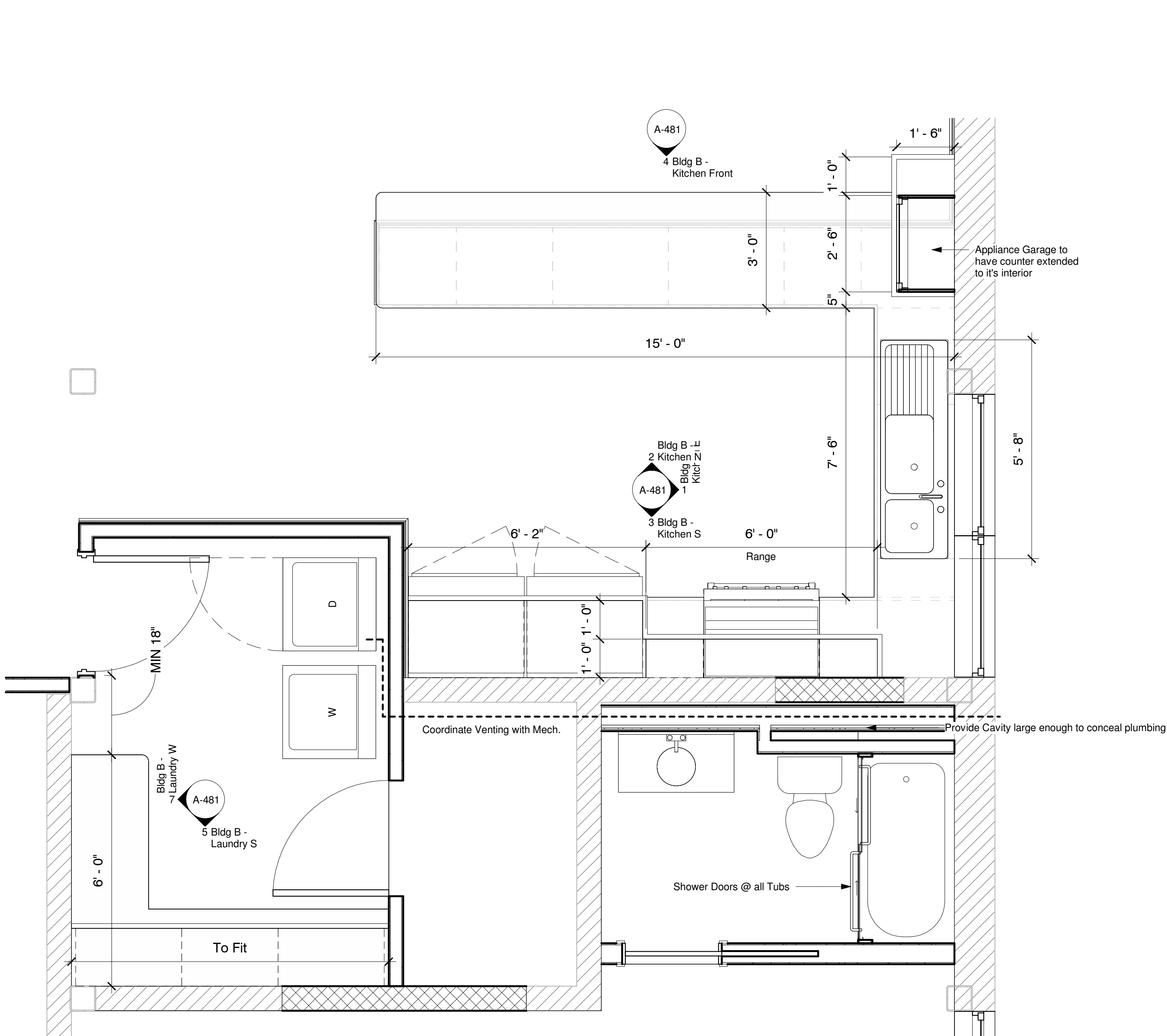


Construction Documents

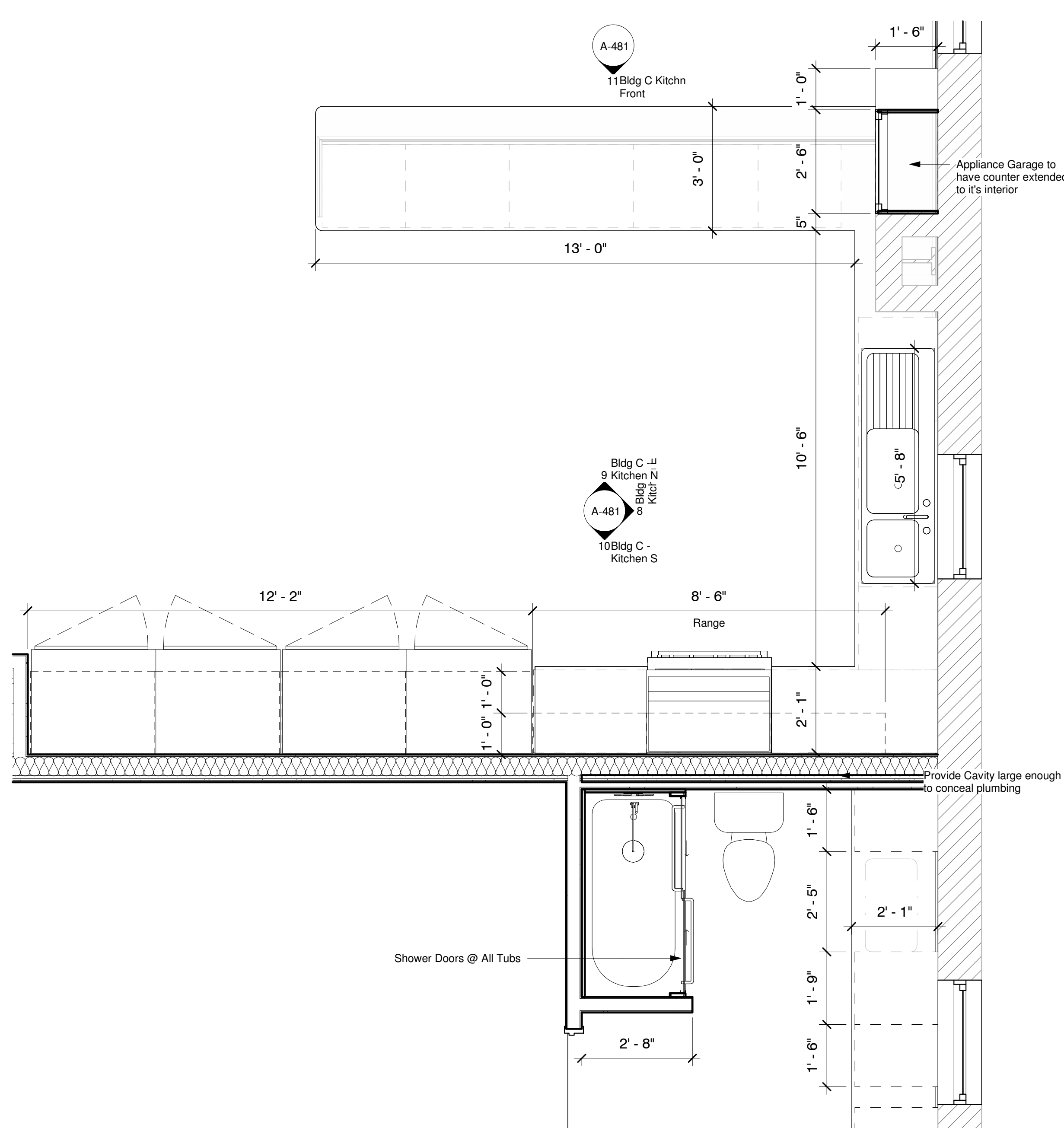
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Building Sections

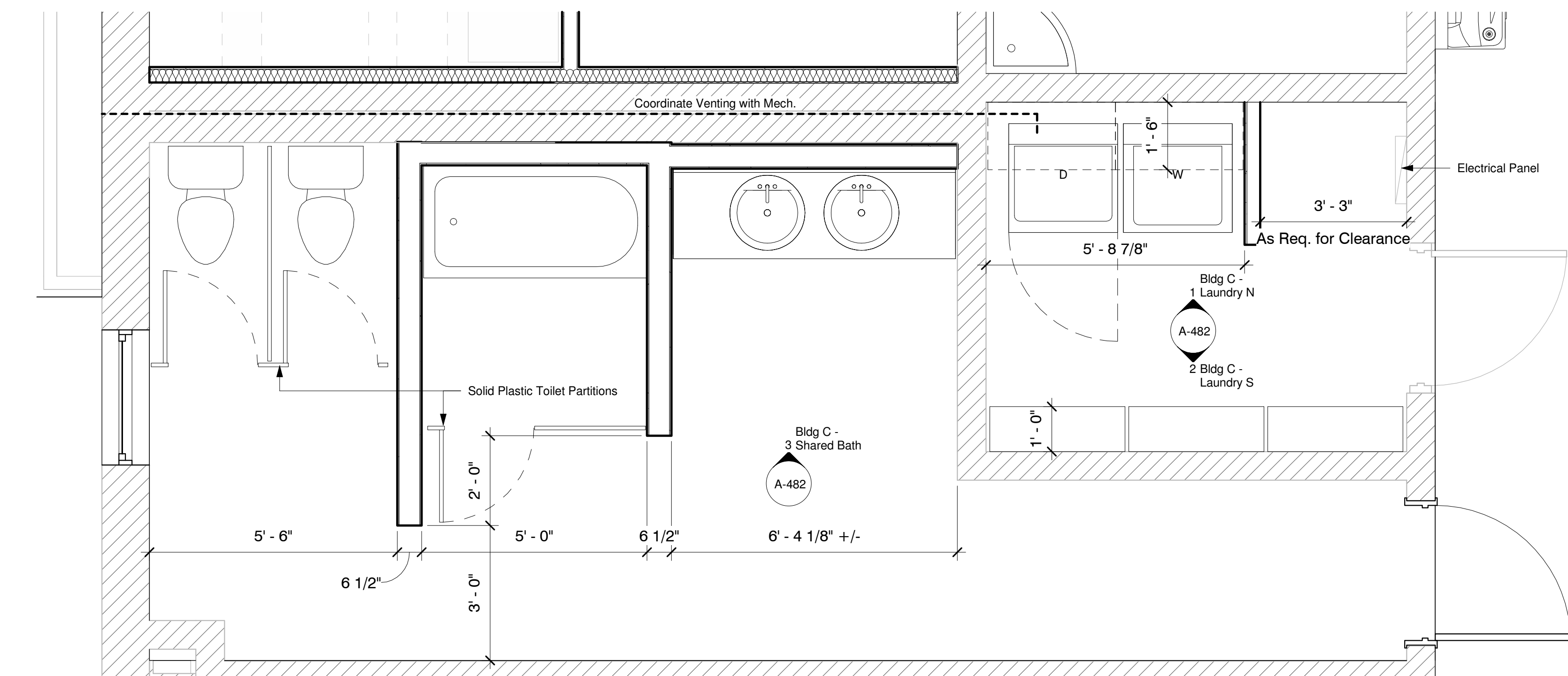
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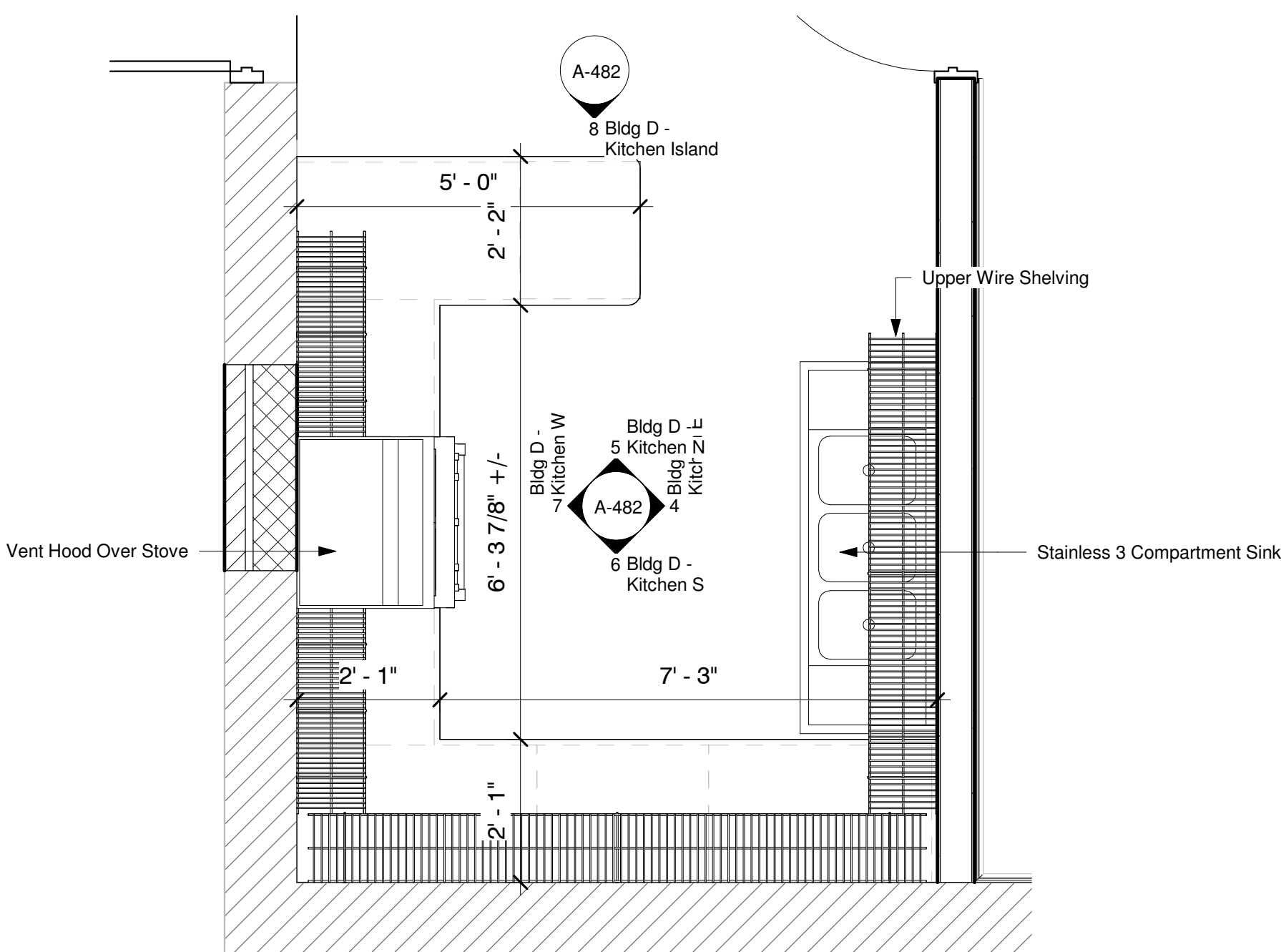
① Building B - Kitchen & Laundry
1/2" = 1'-0"



② Building C - Kitchen & Laundry
1/2" = 1'-0"



③ Building C - Laundry & Shared Bath
1/2" = 1'-0"



④ Building D - Kitchen
1/2" = 1'-0"

General Finish Notes

- GENERAL / LAYOUT**
- Do not scale drawings. Field verify dimensions, existing conditions, wall construction, openings, and utility locations prior to fabrication or installation. Notify Architect of conflicts before proceeding.
 - All dimensions are to interior finish face U.N.O. Dimensions and clearances indicated shall govern over graphic representation.
 - Coordinate enlarged plans with elevations, schedules, details, and MEP drawings. Enlarged plans indicate design intent and general locations of casework, fixtures, appliances, accessories, and equipment.
 - Coordinate all trades prior to rough-in. Plumbing, electrical, data, exhaust, and other services shall be located to suit final casework, fixture, appliance, and equipment locations.
 - Provide required blocking, backing, furring, fasteners, fillers, trim, sealants, and accessories necessary for complete installation of work indicated.
 - Maintain required ADA clearances. Provide minimum maneuvering clearances at doors in accordance with Section 404 of the 2010 ADA Standards for Accessible Design and maintain other accessible clearances indicated.
 - Locate door frames at typical wall offsets unless indicated otherwise: 8" from perpendicular wall at masonry construction and 4" from perpendicular wall at metal-stud construction. Maintain minimum 4" clear between door frames and adjacent millwork.
 - All doors shall be solid core unless noted otherwise. Provide and install domed floor stops at all doors; final locations shall be coordinated with Owner.
 - Reference Building Elevations, A-200 series sheets, for exterior color-joint locations.
- CASEWORK / MILLWORK / COUNTERTOPS**
- Field measure all casework locations prior to fabrication. Fabricate casework and countertops to fit actual field conditions, including existing walls that are out of plumb or square.
 - Provide complete casework assemblies including doors, drawers, shelves, hardware, toe kicks, finished exposed ends, fillers, scribes, supports, and accessories required for a complete installation.
 - Provide fillers and scribes at adjacent construction as required for a close, finished fit. Install casework level, plumb, true, securely anchored, and with consistent reveals.
 - Coordinate casework with sinks, plumbing, appliances, and equipment. Avoid routing utilities through drawers or functional storage areas where concealed routing within walls or designated cabinet spaces is practicable.
 - Provide moisture-resistant construction at sink bases and other casework locations subject to water exposure. Seal exposed edges and utility penetrations against moisture.
 - All flooring shall extend continuously beneath casework unless specifically indicated otherwise. Coordinate casework installation so flooring installation is not interrupted by permanent base cabinets.
 - Field verify countertops prior to fabrication. Coordinate actual sink, faucet, dispenser, appliance, and equipment cutouts with products provided.
 - Provide complete countertop installations including finished edges, backsplashes, sidesplashes, seams, cutouts, concealed supports, and accessories required for a finished installation.
 - Provide concealed support at countertop overhangs and unsupported spans as required by countertop manufacturer. Locate seams to minimize visual impact and avoid sink cutouts and other high-stress locations.
 - Seal countertops at wet interfaces including sinks, walls, backsplashes, sidesplashes, and similar locations with mildew-resistant sealant compatible with adjacent materials.
- PLUMBING / BATHROOMS**
- Coordinate plumbing rough-ins with final architectural layouts. Architectural fixture and casework locations shall govern room layout. Modify or extend existing services where required to serve locations shown.
 - Center plumbing fixtures and exposed connections on casework, walls, or dimensions indicated where applicable. Maintain access to shutoffs, cleanouts, traps, and other serviceable components.
 - Coordinate sinks and lavatories with casework including basin depth, traps, supplies, disposals where provided, accessible clearances, and cabinet interiors prior to fabrication.
 - Provide wall-mounted toilet paper dispensers at all toilets. Coordinate locations with toilet partitions, grab bars, plumbing fixtures, and required accessible reach ranges.
 - Provide grab bars as indicated. Lengths, locations, mounting heights, clearances, and installation shall comply with applicable 2010 ADA requirements. Provide solid concealed blocking capable of supporting required loads.
 - Provide solid plastic (HDPE) toilet partitions where indicated, complete with doors, panels, pilasters, brackets, hardware, fasteners, latches, coat hooks, and manufacturer-required accessories. Field verify compartment and fixture dimensions prior to fabrication.
 - Coordinate bathroom accessories before wall closure. Provide concealed blocking for mirrors, dispensers, hand dryers, shelving, grab bars, partitions, wall-mounted fixtures, and other accessories requiring support.
- APPLIANCES / LAUNDRY**
- Verify actual appliances and equipment prior to rough-in and casework fabrication. Coordinate manufacturer, model, dimensions, utility requirements, ventilation, required clearances, door swings, and service access.
 - Coordinate appliance connections including electrical, plumbing, gas, waterline, drainage, exhaust, and ventilation as applicable. Provide accessible shutoff valves where required.
 - Coordinate appliance openings with actual equipment provided. Provide finished fillers, panels, and trim required to integrate equipment with adjacent casework.
 - Coordinate washers and dryers with all required services including water, drainage, electrical or gas service, dryer exhaust, appliance clearances, and service access.
 - Route dryer exhaust to exterior in accordance with applicable code and manufacturer requirements. Coordinate routing prior to wall and ceiling closure and minimize duct length and elbows.
- SHELVING / WALL CONSTRUCTION**
- Provide shelving and closet rods in all closets within Living Areas. Provide prefabricated coated-wire shelving unless indicated otherwise, complete with supports, brackets, rods, end caps, and manufacturer-required accessories.
 - Provide concealed blocking for shelving and closet rods. Anchor shelving systems to structural blocking or approved wall anchorage suitable for anticipated loads; do not rely solely on gypsum board for support.
 - Provide drywall and galvanized metal furring at existing masonry walls within Living Areas. Unless indicated otherwise, provide 7/8" galvanized metal furring channels at 24" O.C. maximum securely fastened to existing masonry with 5/8" gypsum board.
 - Provide moisture-resistant gypsum board at wet areas including bathrooms, kitchens, laundry areas, walls containing plumbing, and other locations subject to elevated moisture. Provide pressure-treated wood framing and blocking at these same conditions where wood construction is used.
 - Provide 1/2" cementitious backer board at walls receiving tile in lieu of gypsum board unless another approved tile substrate is indicated. Coordinate substrate thickness to maintain flush finished wall planes.
- COMPLETION / RENOVATION**
- Patch and restore construction disturbed by the work. Where existing walls, floors, ceilings, or finishes are opened for utilities, blocking, casework, or other new work, restore affected construction to match adjacent finished surfaces.
 - Seal moisture-sensitive joints and penetrations at casework, countertops, backsplashes, plumbing fixtures, wall penetrations, and similar locations to prevent water or debris from entering concealed spaces.
 - Provide complete, coordinated installations. Casework, countertops, fixtures, partitions, shelving, appliances, and accessories shall be plumb, level, aligned, securely anchored, fully operational, and free of damage at Substantial Completion.

Mercy House Womens Campus

Project No 20241215001-B

Date

8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

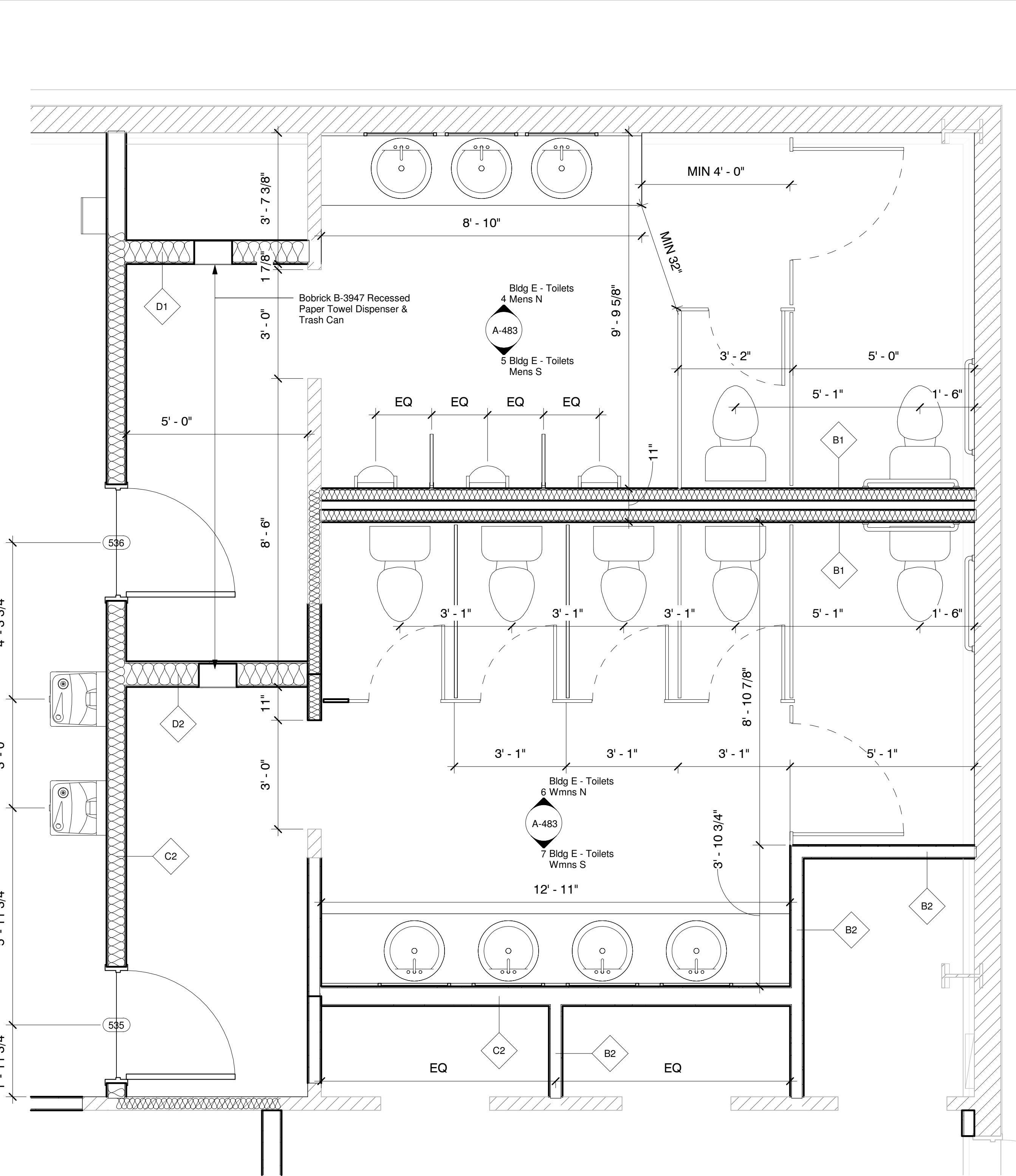


Construction Documents

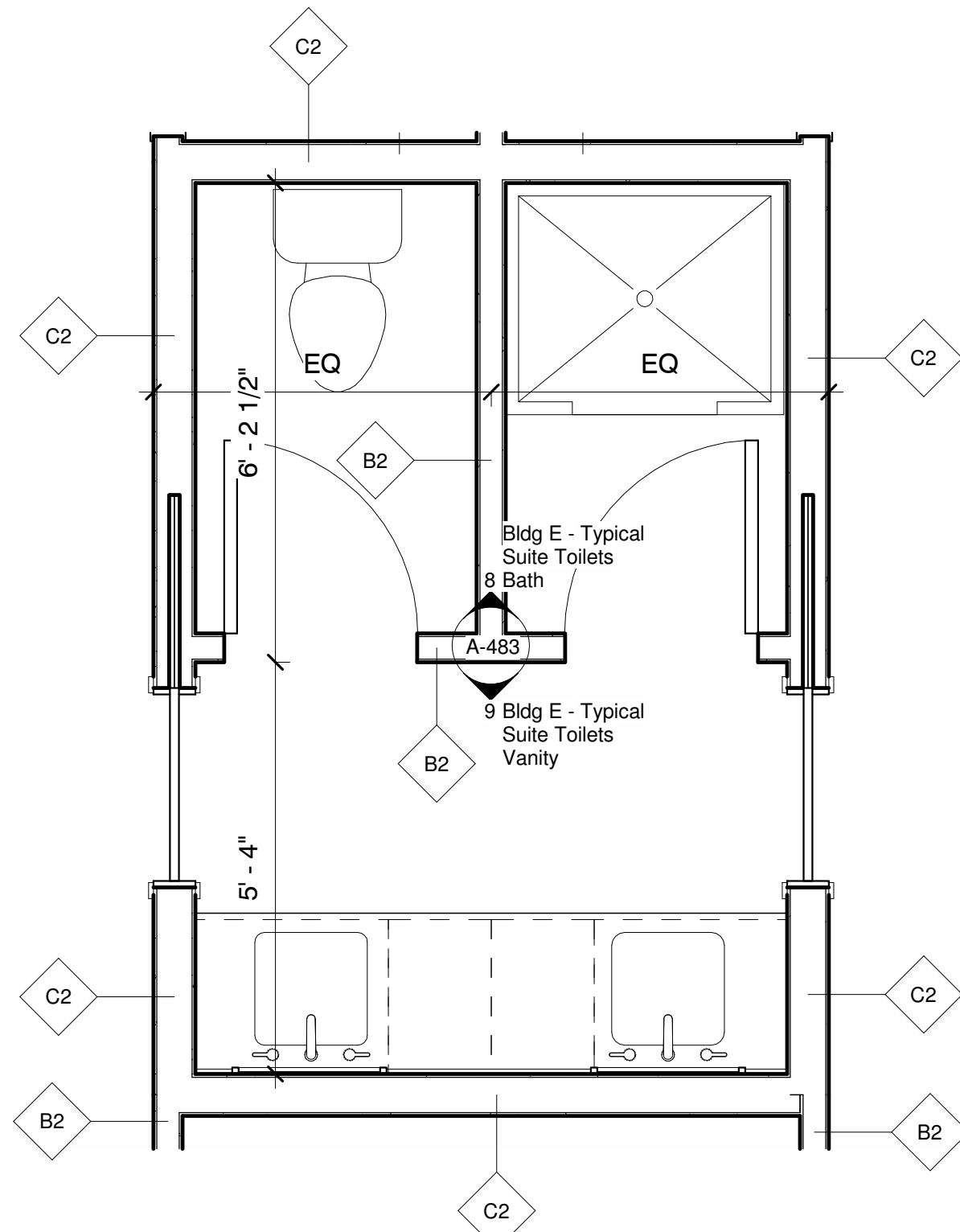
Revision	#	Rev Date
DD	2	7/26/24

Enlarged Details

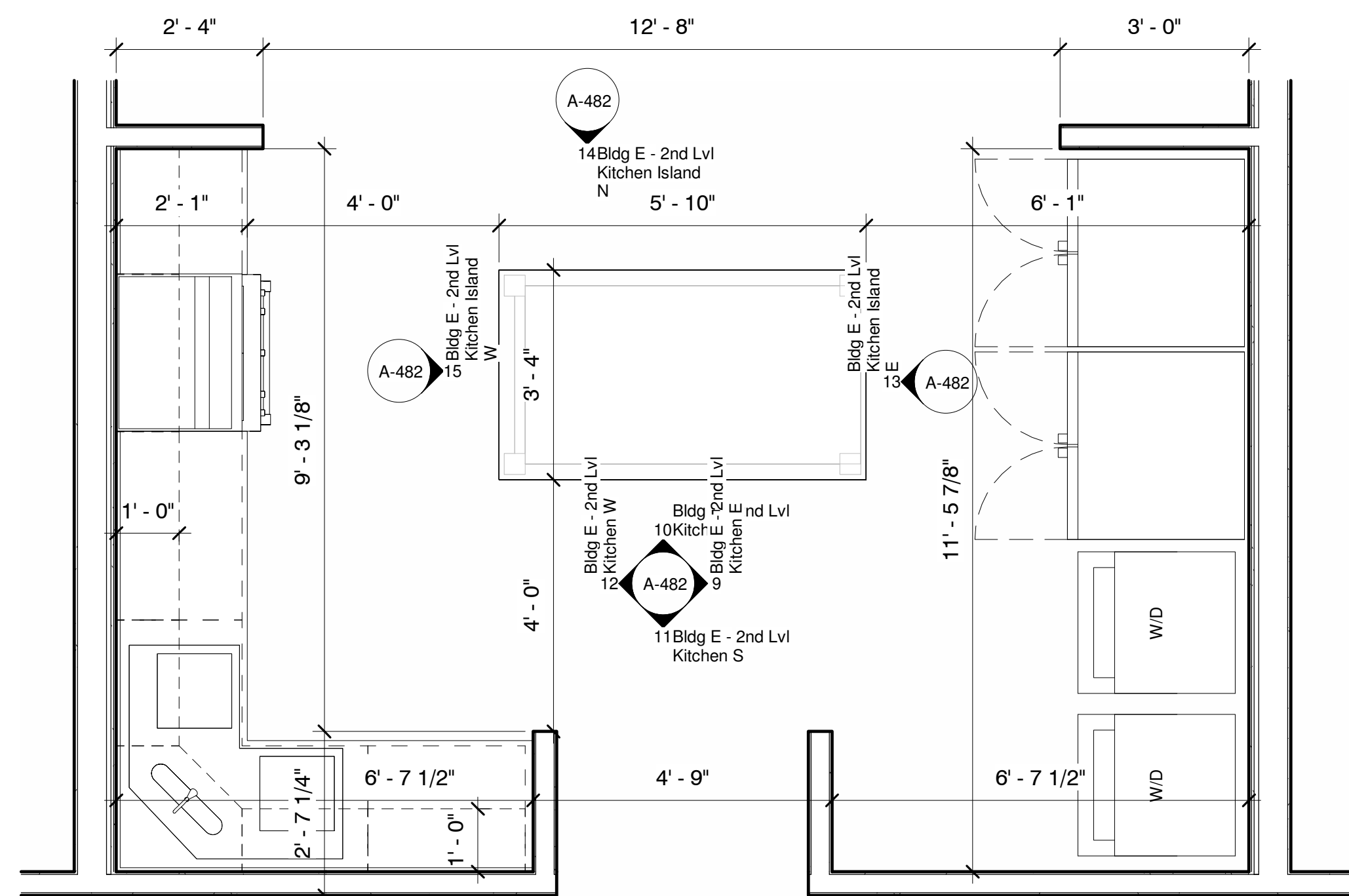
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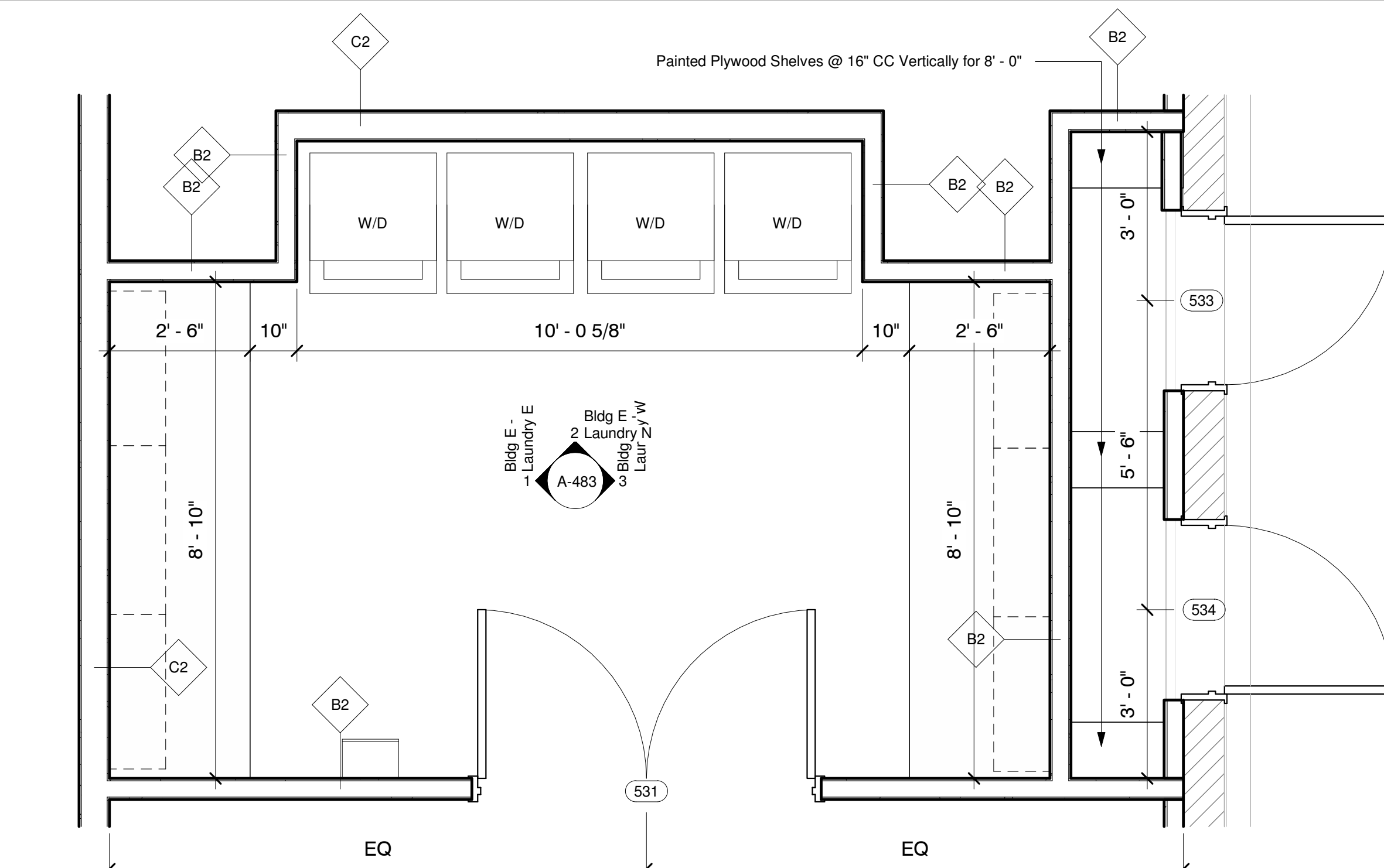
1 Building E - Toilets
1/2" = 1'-0"



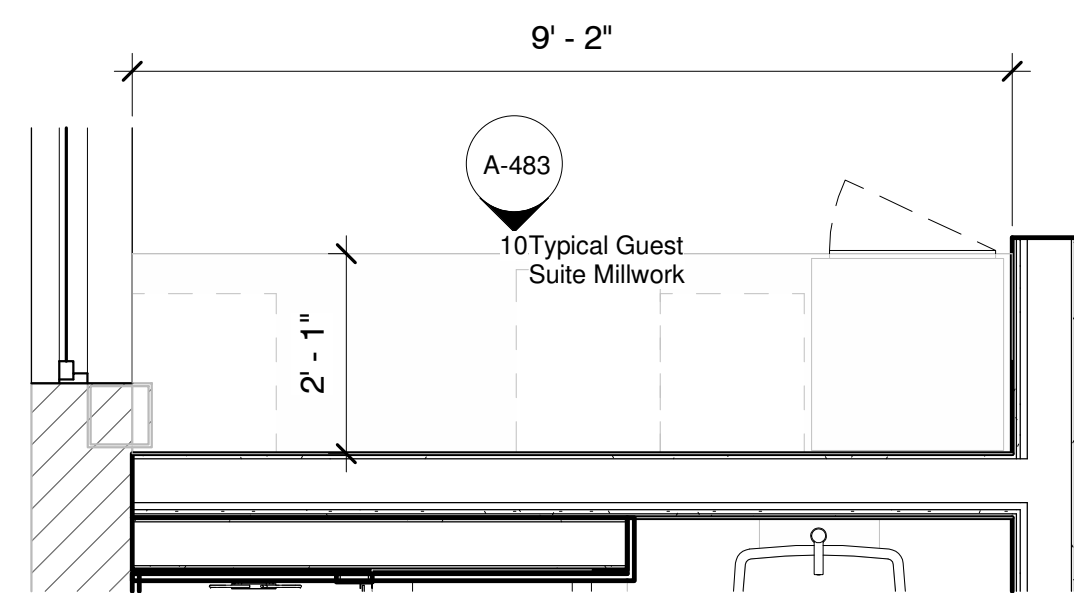
4 Building E - Typical Suite Toilet
1/2" = 1'-0"



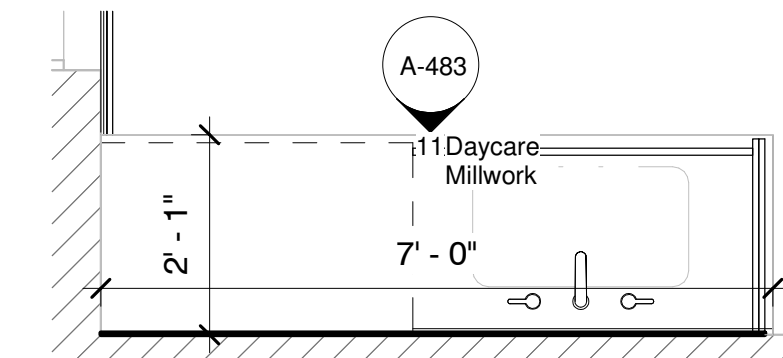
3 Building E - Kitchen
1/2" = 1'-0"



2 Building E - Laundry
1/2" = 1'-0"



5 Typical Tenant Millwork (Alternate)
1/2" = 1'-0"



6 Daycare Millwork
1/2" = 1'-0"

General Finish Notes

- GENERAL / LAYOUT**
- Do not scale drawings. Field verify dimensions, existing conditions, wall construction, openings, and utility locations prior to fabrication or installation. Notify Architect of conflicts before proceeding.
 - All dimensions are to interior finish face U.N.O. Dimensions and clearances indicated shall govern over graphic representation.
 - Coordinate enlarged plans with elevations, schedules, details, and MEP drawings. Enlarged plans indicate design intent and general locations of casework, fixtures, appliances, accessories, and equipment.
 - Coordinate all trades prior to rough-in. Plumbing, electrical, data, exhaust, and other services shall be located to suit final casework, fixture, appliance, and equipment locations.
 - Provide required blocking, backing, furring, fasteners, filters, trim, sealants, and accessories necessary for complete installation of work indicated.
 - Maintain required ADA clearances. Provide minimum maneuvering clearances at doors in accordance with Section 404 of the 2010 ADA Standards for Accessible Design and maintain other accessible clearances indicated.
 - Locate door frames at typical wall offsets unless indicated otherwise: 8" from perpendicular wall at masonry construction and 4" from perpendicular wall at metal stud construction. Maintain minimum 4" clear between door frames and adjacent millwork.
 - All doors shall be solid core unless noted otherwise. Provide and install domed floor stops at all doors; final locations shall be coordinated with Owner.
 - Reference Building Elevations, A-200 series sheets, for exterior control-joint locations.
- CASEWORK / MILLWORK / COUNTERTOPS**
- Field measure all casework locations prior to fabrication. Fabricate casework and countertops to fit actual field conditions, including existing walls that are out of plumb or square.
 - Provide complete casework assemblies including doors, drawers, shelves, hardware, toe kicks, finished exposed ends, fillers, scribes, supports, and accessories required for a complete installation.
 - Provide fillers and scribes at adjacent construction as required for a close, finished fit. Install casework level, plumb, true, securely anchored, and with consistent reveals.
 - Coordinate casework with sinks, plumbing, appliances, and equipment. Avoid routing utilities through drawers or functional storage areas where concealed routing within walls or designated cabinet spaces is practicable. Provide moisture-resistant construction at sink bases and other casework locations subject to water exposure. Seal exposed edges and utility penetrations against moisture.
 - All flooring shall extend continuously beneath casework unless specifically indicated otherwise. Coordinate casework installation so flooring installation is not interrupted by permanent base cabinets.
 - Field verify countertops prior to fabrication. Coordinate actual sink, faucet, dispenser, appliance, and equipment cutouts with products provided.
 - Provide complete countertop installations including finished edges, backsplashes, sidesplashes, seams, cutouts, concealed supports, and accessories required for a finished installation.
 - Provide concealed support at countertop overhangs and unsupported spans as required by countertop manufacturer. Locate seams to minimize visual impact and avoid sink cutouts and other high-stress locations.
 - Seal countertops at wet interfaces including sinks, walls, backsplashes, sidesplashes, and similar locations with mildew-resistant sealant compatible with adjacent materials.
- PLUMBING / BATHROOMS**
- Coordinate plumbing rough-ins with final architectural layouts. Architectural fixture and casework locations shall govern room layout. Modify or extend existing services where required to serve locations shown.
 - Center plumbing fixtures and exposed connections on casework, walls, or dimensions indicated where applicable. Maintain access to shutoffs, cleanouts, traps, and other serviceable components.
 - Coordinate sinks and lavatories with casework including basin depth, traps, supplies, disposals where provided, accessible clearances, and cabinet interiors prior to fabrication.
 - Provide wall-mounted toilet paper dispensers at all toilets. Coordinate locations with toilet partitions, grab bars, plumbing fixtures, and required accessible reach ranges.
 - Provide grab bars as indicated. Lengths, locations, mounting heights, clearances, and installation shall comply with applicable 2010 ADA requirements. Provide solid concealed blocking capable of supporting required loads.
 - Provide solid plastic (HDPE) toilet partitions where indicated, complete with doors, panels, plasters, brackets, hardware, fasteners, latches, coat hooks, and manufacturer-required accessories. Field verify compartment and fixture dimensions prior to fabrication.
 - Coordinate bathroom accessories before wall closure. Provide concealed blocking for mirrors, dispensers, hand dryers, grab bars, partitions, wall-mounted fixtures, and other accessories requiring support.
- APPLIANCES / LAUNDRY**
- Verify actual appliances and equipment prior to rough-in and casework fabrication. Coordinate manufacturer, model, dimensions, utility requirements, ventilation, required clearances, door swings, and service access.
 - Coordinate appliance connections including electrical, plumbing, gas, water/electric, drainage, exhaust, and ventilation as applicable. Provide accessible shutoff valves where required.
 - Coordinate appliance openings with actual equipment provided. Provide finished fillers, panels, and trim required to integrate equipment with adjacent casework.
 - Coordinate washers and dryers with all required services including water, drainage, electrical or gas service, dryer exhaust, appliance clearances, and service access.
 - Route dryer exhaust to exterior in accordance with applicable code and manufacturer requirements. Coordinate routing prior to wall and ceiling closure and minimize duct length and elbows.
- SHELVING / WALL CONSTRUCTION**
- Provide shelving and closet rods in all closets within Living Areas. Provide prefabricated coated-wire shelving unless indicated otherwise, complete with supports, brackets, rods, end caps, and manufacturer-required accessories.
 - Provide concealed blocking for shelving and closet rods. Anchor shelving systems to structural blocking or approved wall anchorage suitable for anticipated loads; do not rely solely on gypsum board for support.
 - Provide drywall and galvanized metal furring at existing masonry walls within Living Areas. Unless indicated otherwise, provide 7/8" galvanized metal furring channels at 24" O.C. maximum securely fastened to existing masonry with 5/8" gypsum board.
 - Provide moisture-resistant gypsum board at wet areas including bathrooms, kitchens, laundry areas, walls containing plumbing, and other locations subject to elevated moisture. Provide pressure-treated wood framing and blocking at these same conditions where wood construction is used.
 - Provide 1/2" cementitious backer board at walls receiving tile in lieu of gypsum board unless another approved tile substrate is indicated. Coordinate substrate thickness to maintain flush finished wall planes.
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Mercy House Womens Campus

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

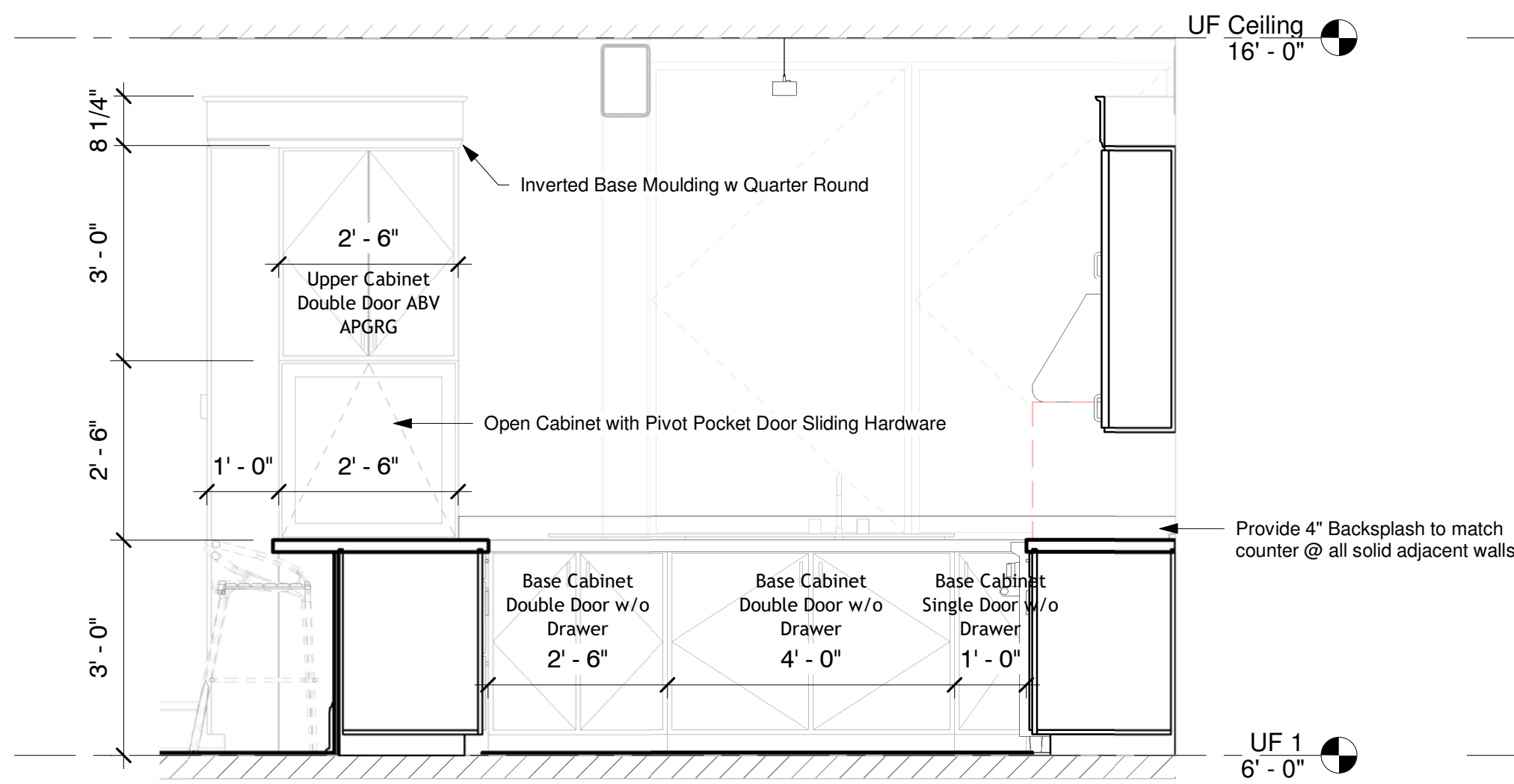


Construction Documents

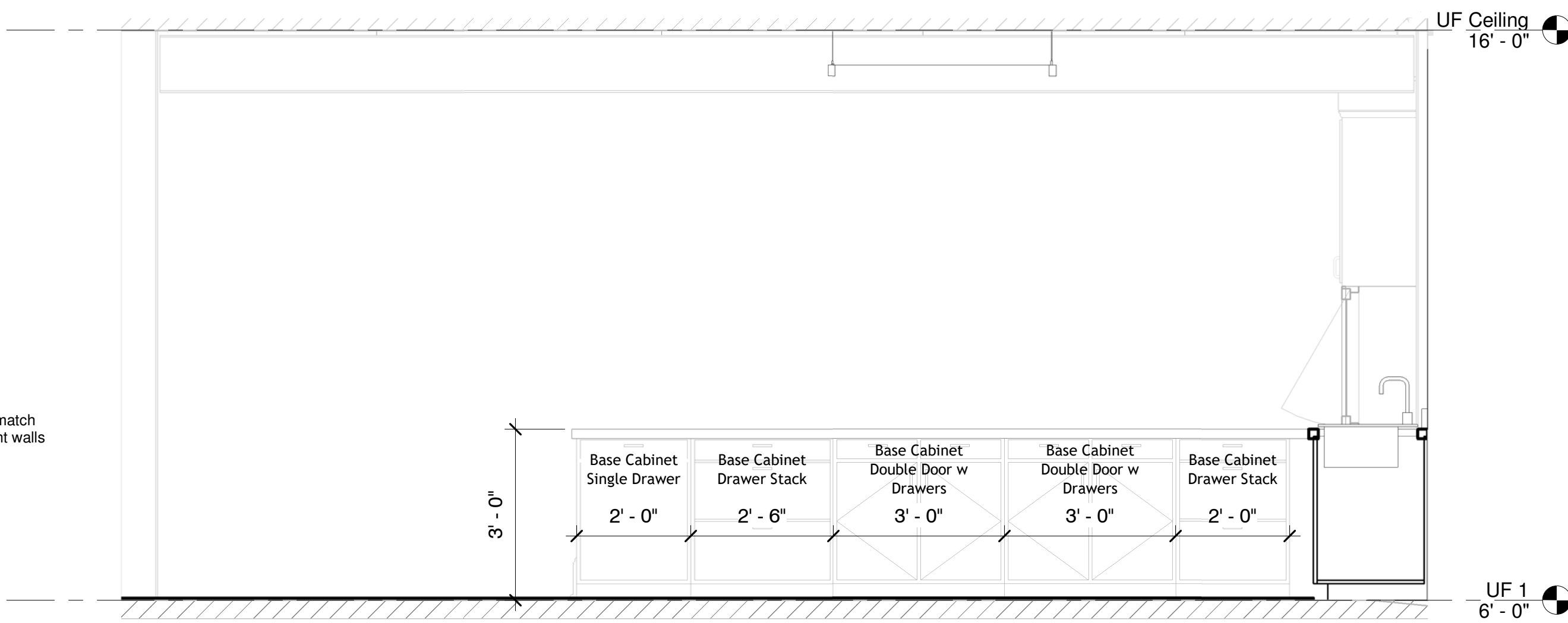
Revision	#	Rev Date
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Enlarged Details

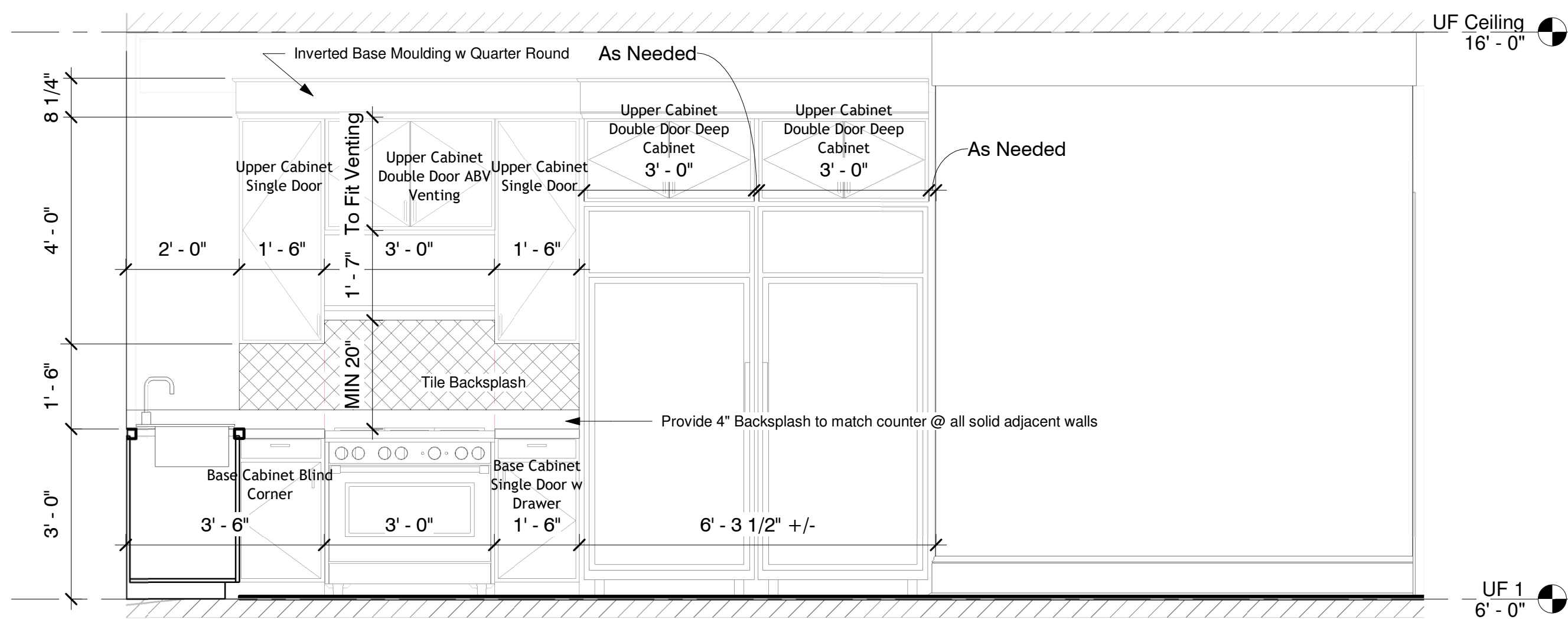
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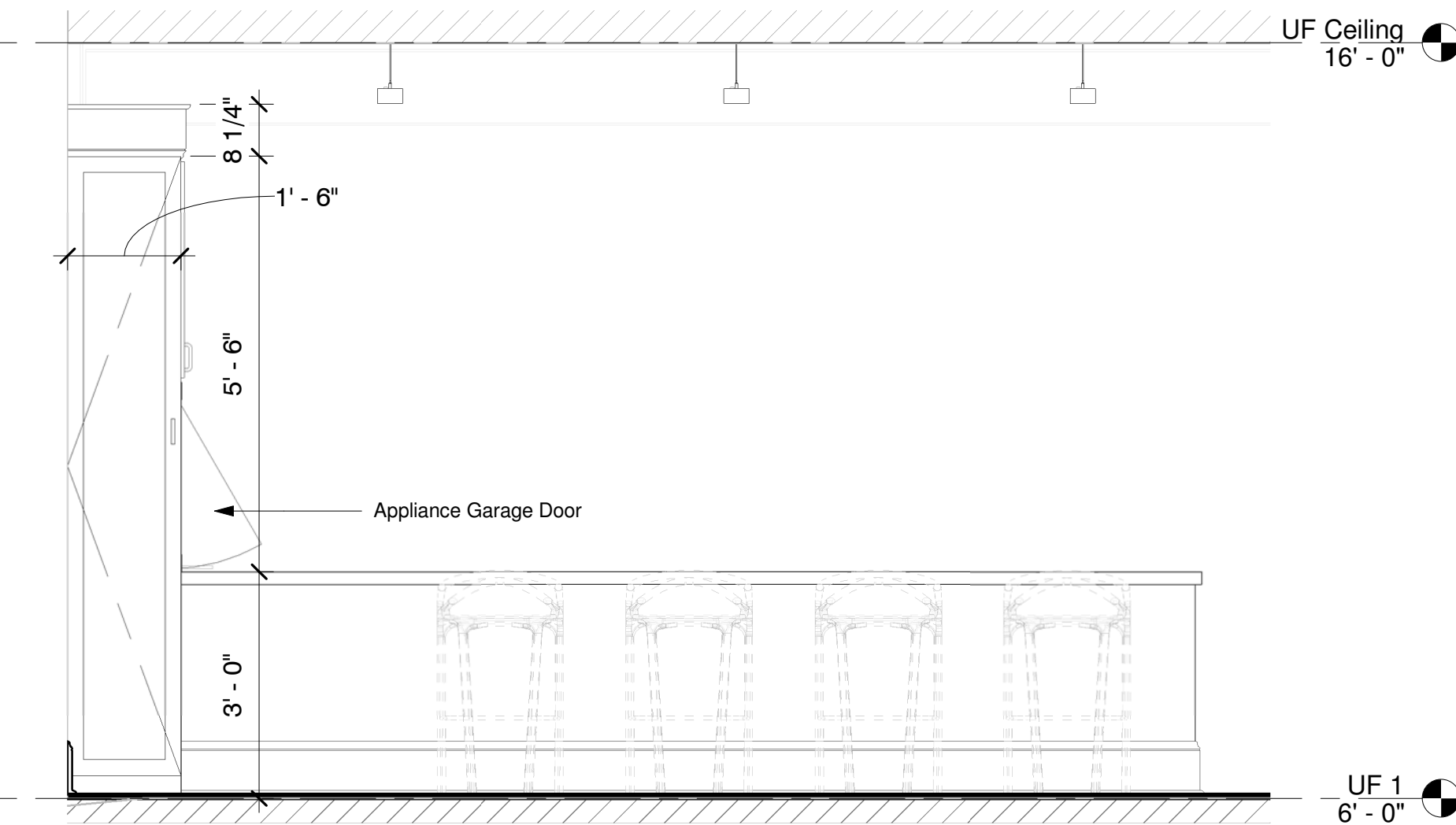
① Bldg B - Kitchen E
1/2" = 1'-0"



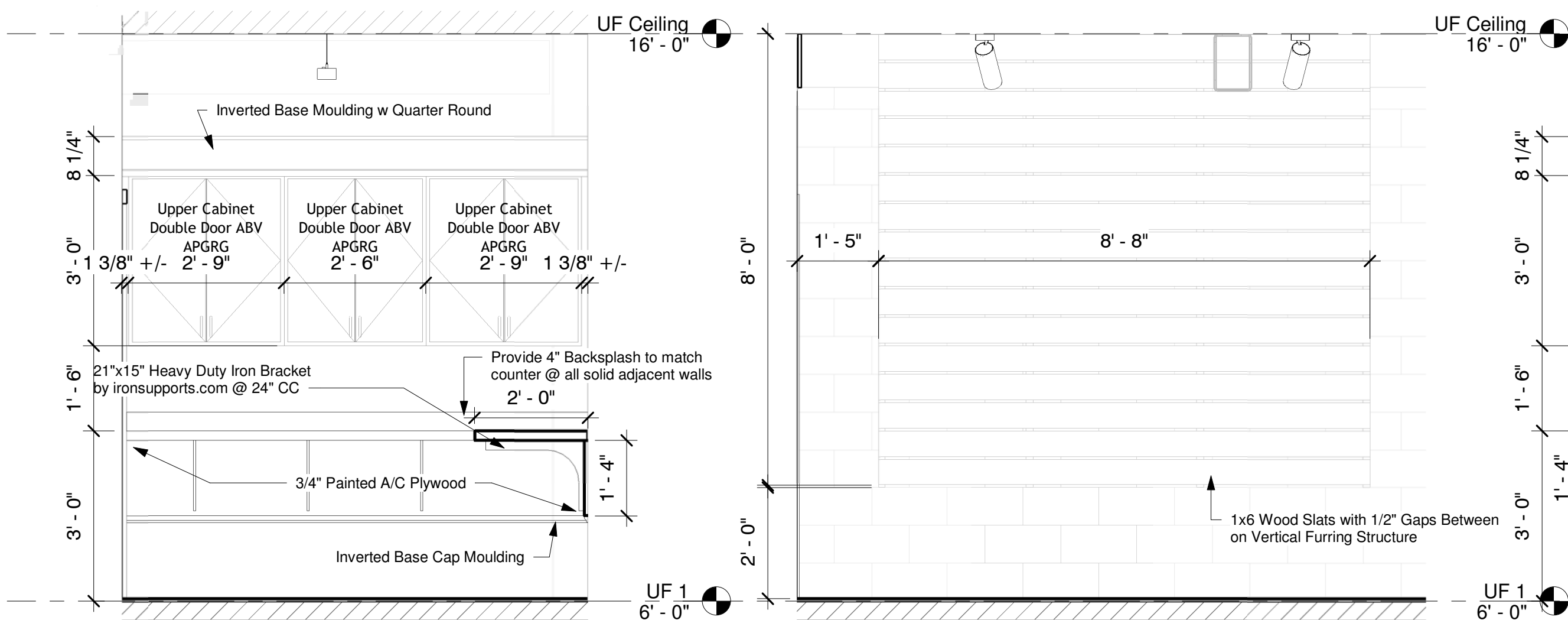
② Bldg B - Kitchen N
1/2" = 1'-0"



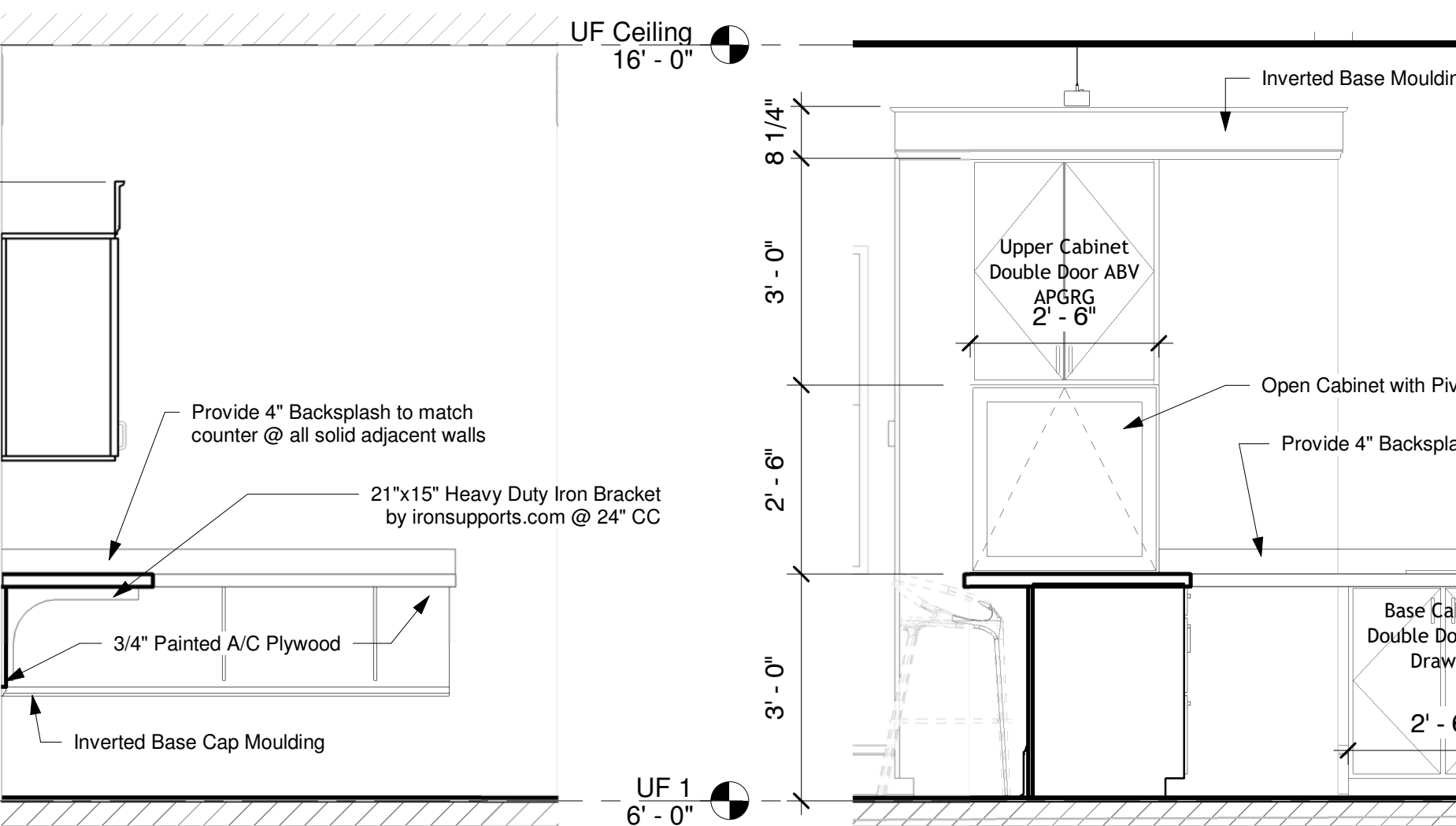
③ Bldg B - Kitchen S
1/2" = 1'-0"



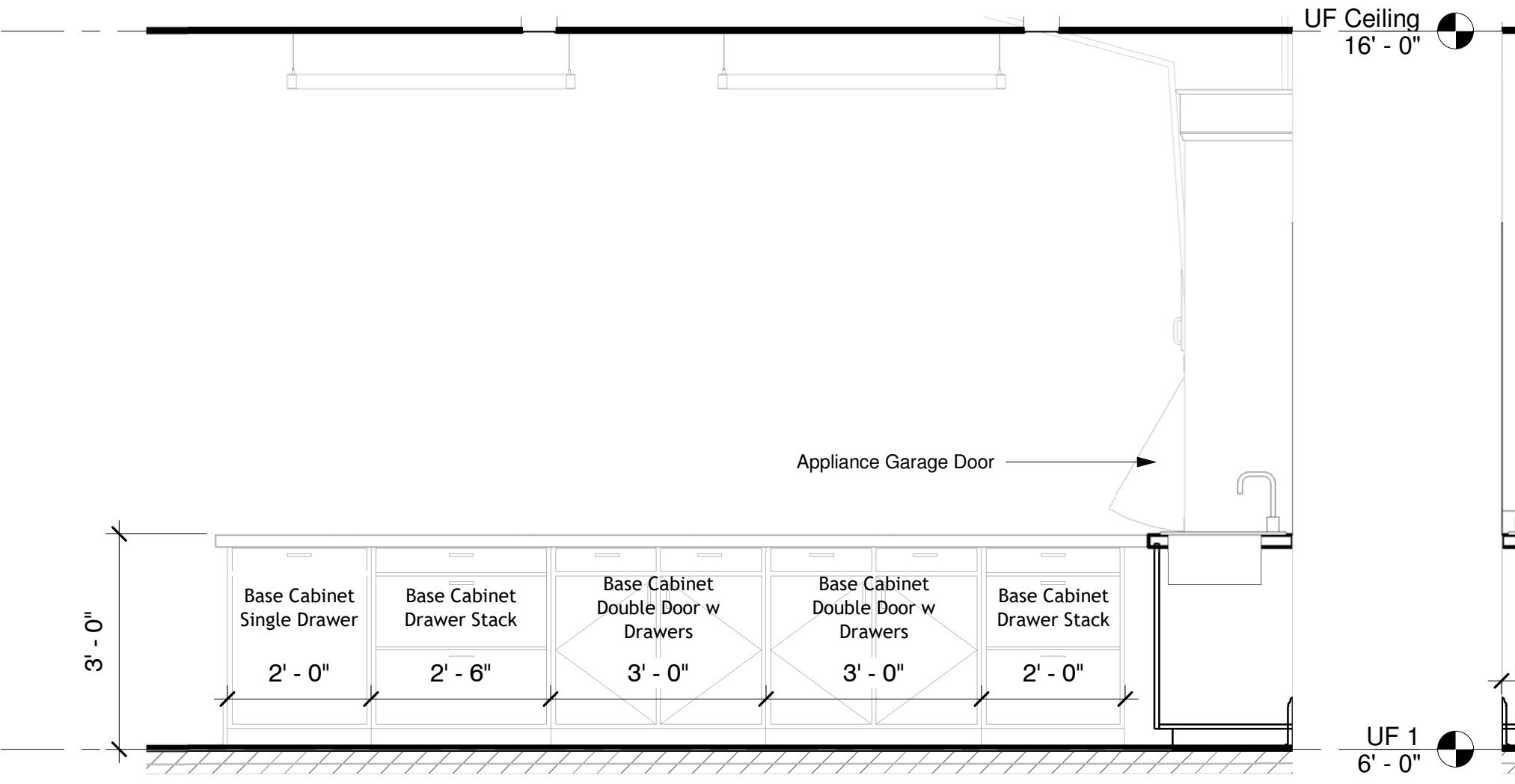
④ Bldg B - Kitchen Front
1/2" = 1'-0"



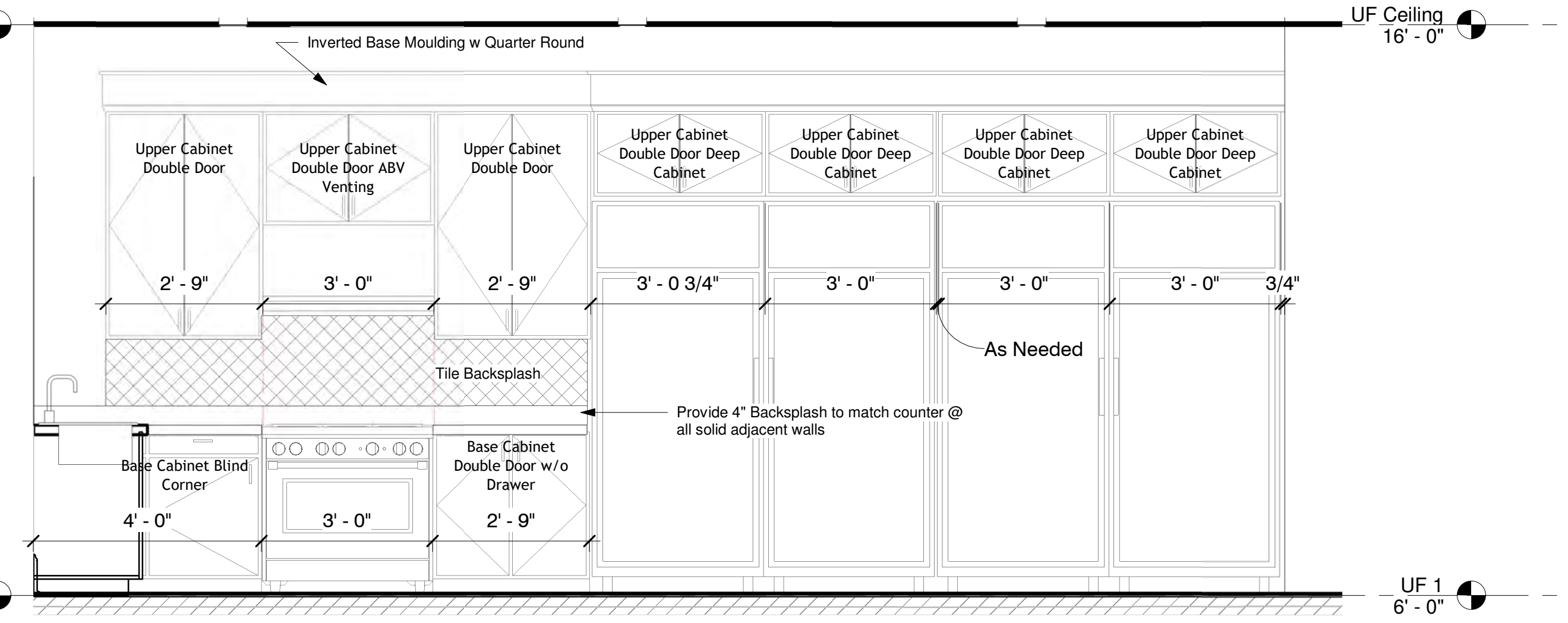
⑤ Bldg B - Laundry S
1/2" = 1'-0"



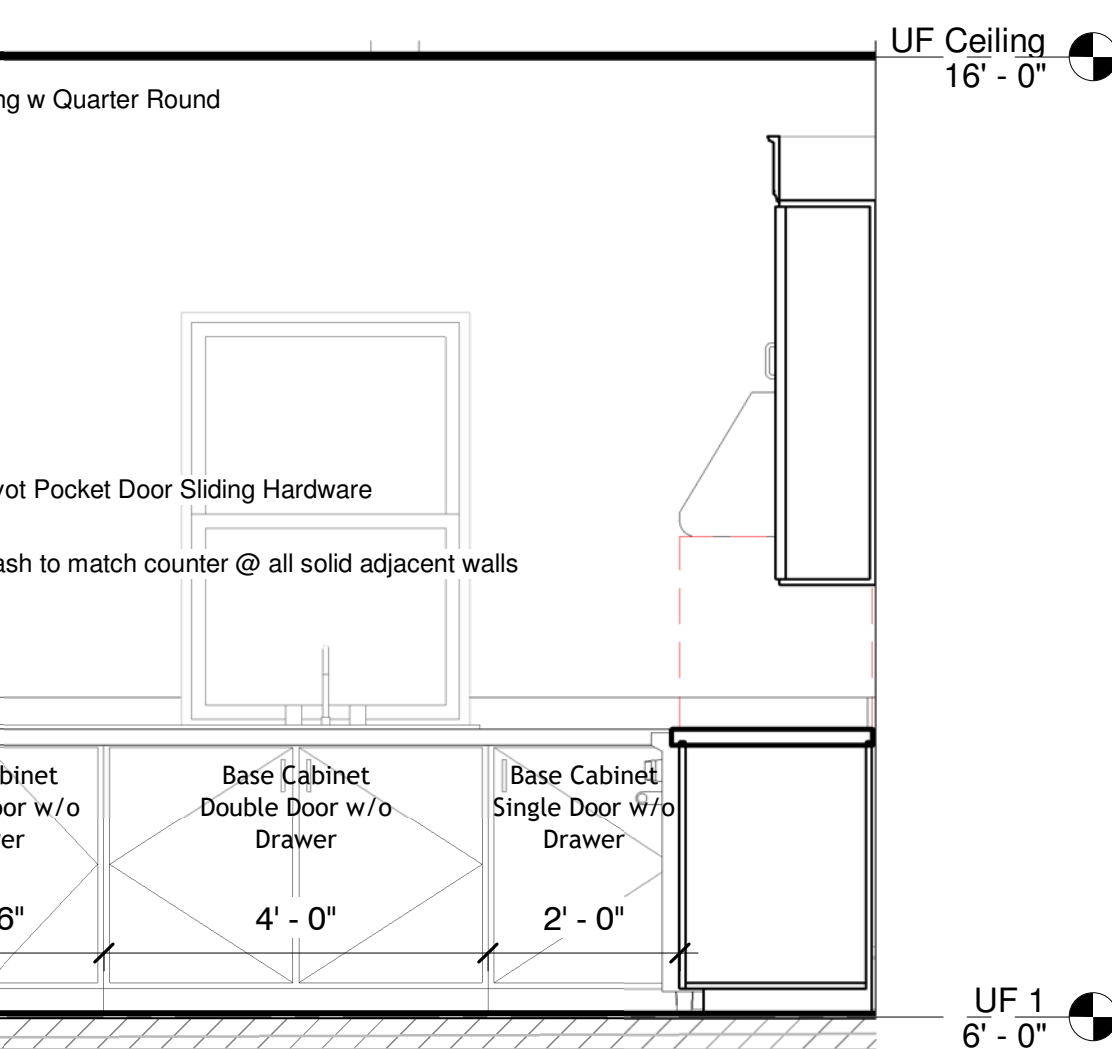
⑥ Bldg B - Laundry W
1/2" = 1'-0"



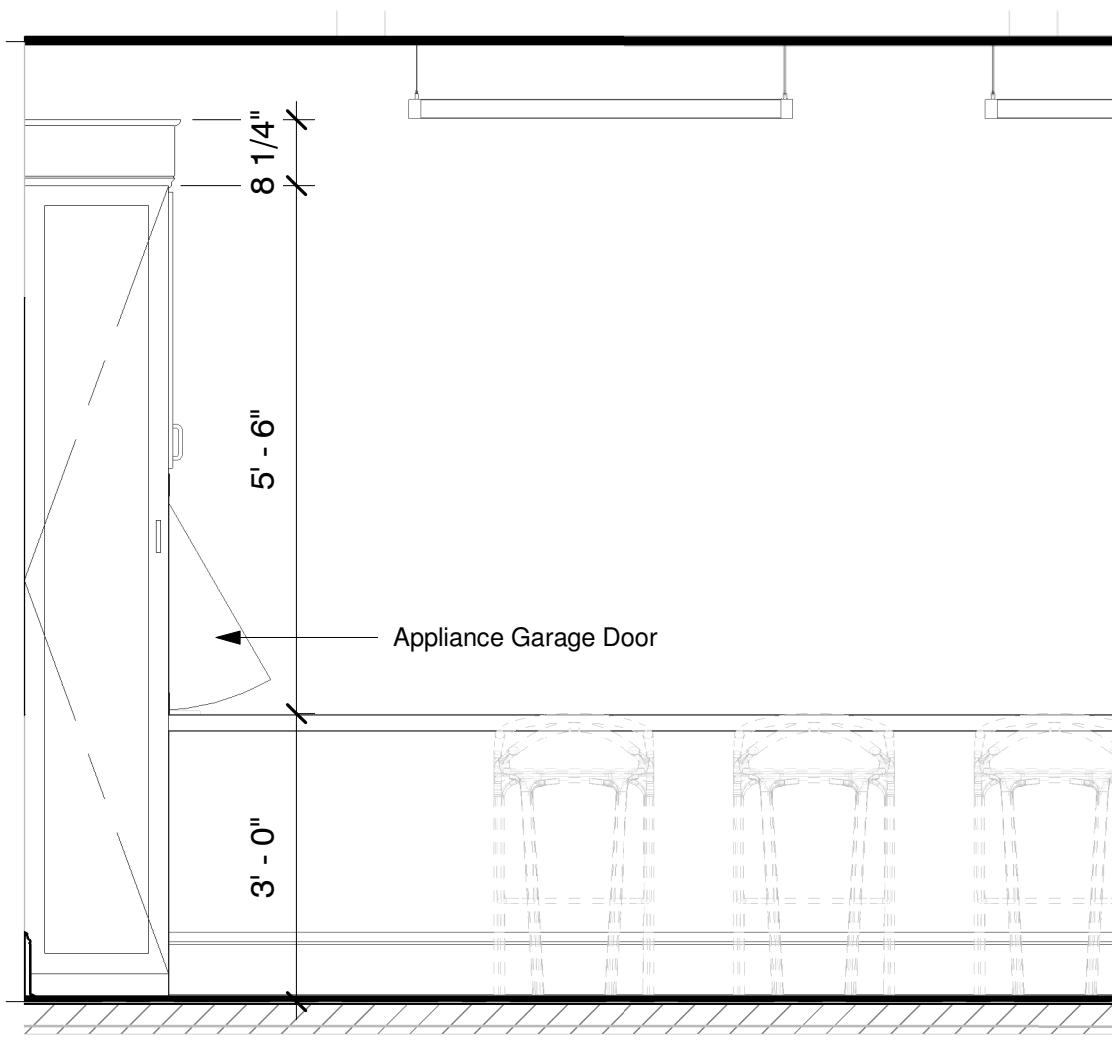
⑦ Bldg C - Kitchen N
1/2" = 1'-0"



⑧ Bldg C - Kitchen S
1/2" = 1'-0"



⑨ Bldg C - Kitchen E
1/2" = 1'-0"



⑩ Bldg C Kitchen Front
1/2" = 1'-0"

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Mercy House Womens Campus

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

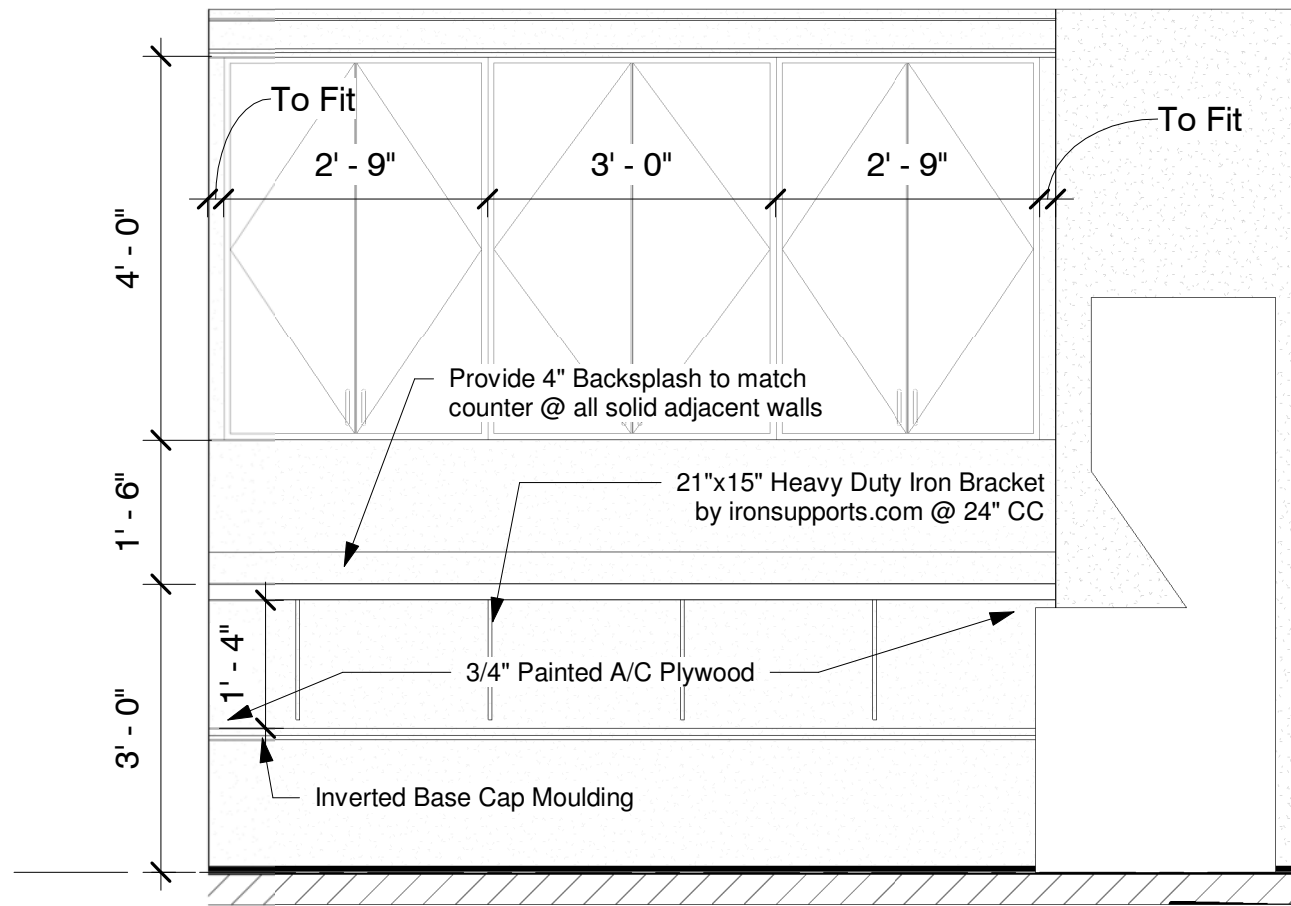
Construction Documents

Revision # Rev Date

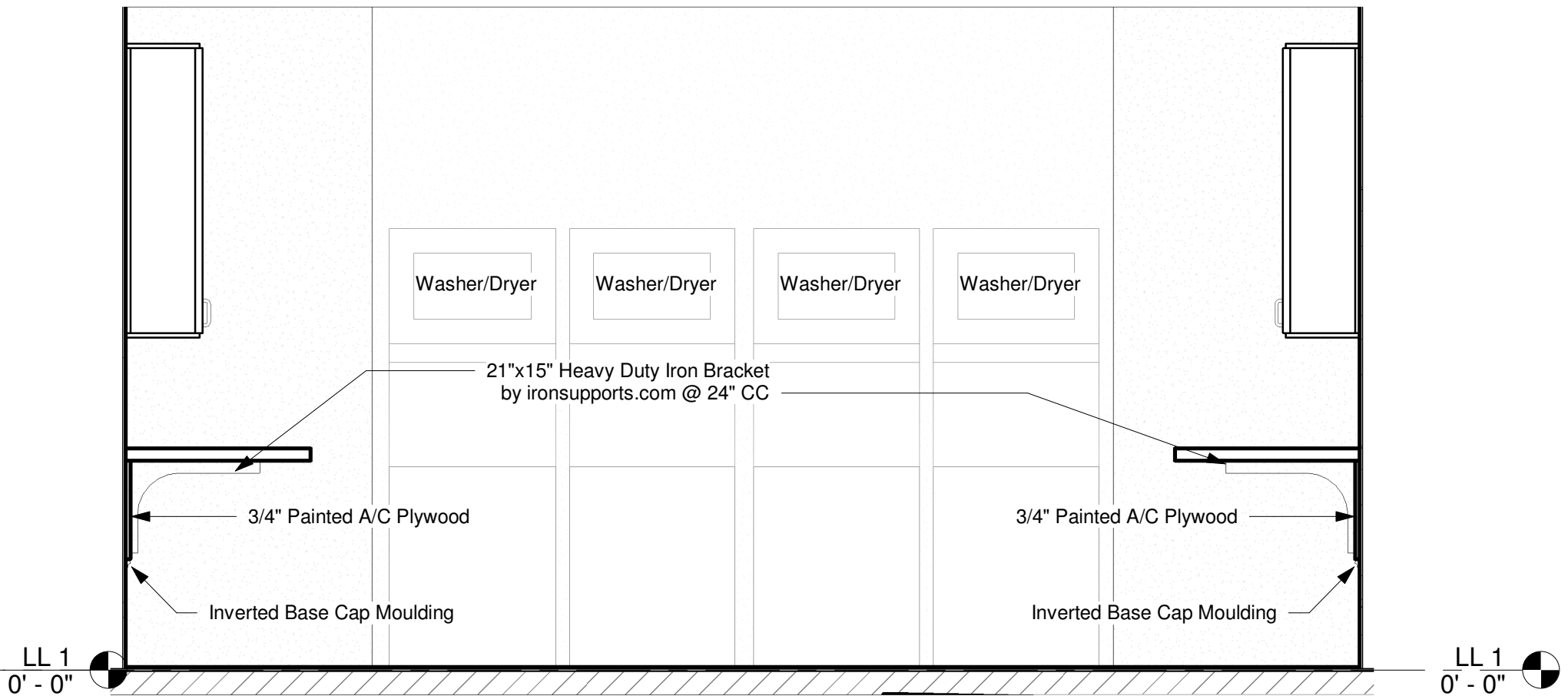
Interior Elevations

A-481

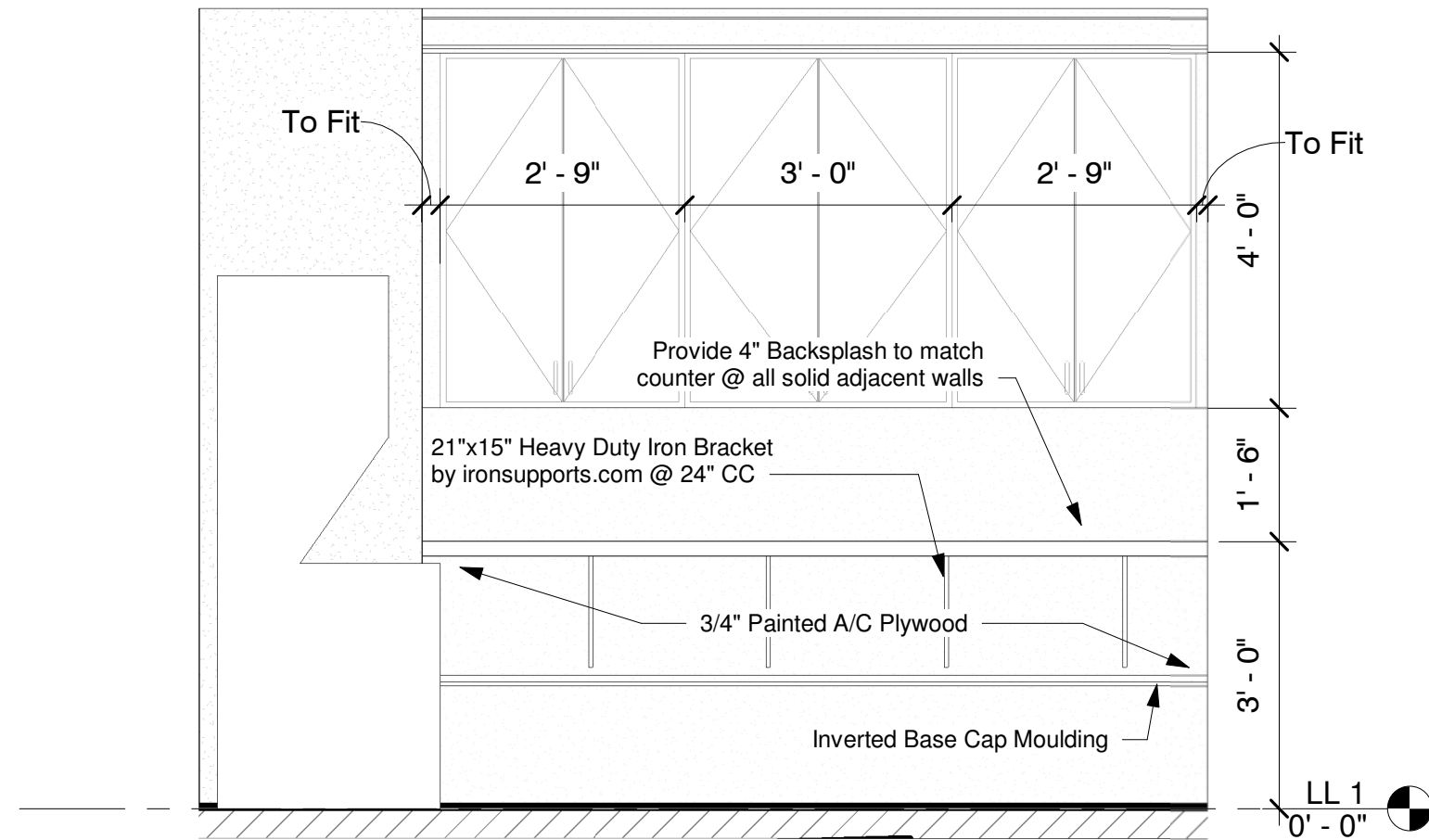




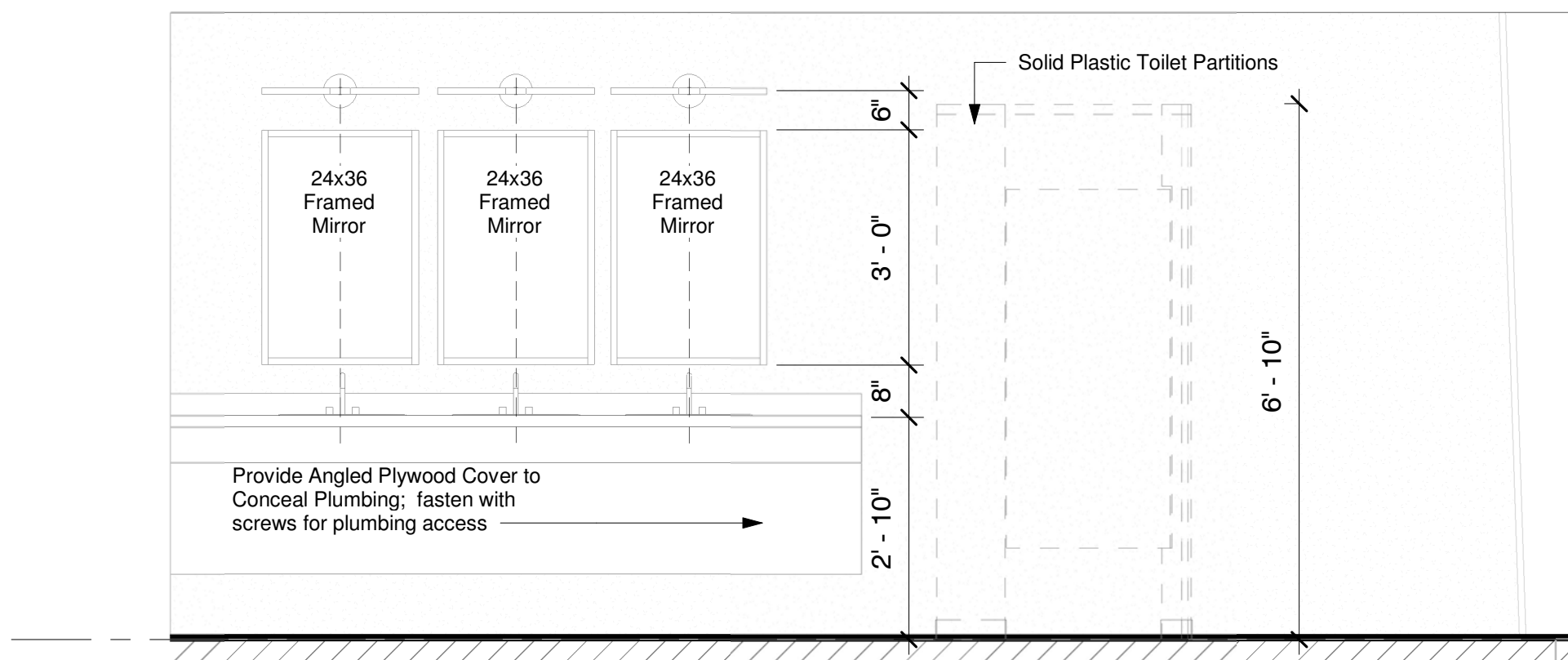
1 Bldg E - Laundry N
1/2" = 1'-0"



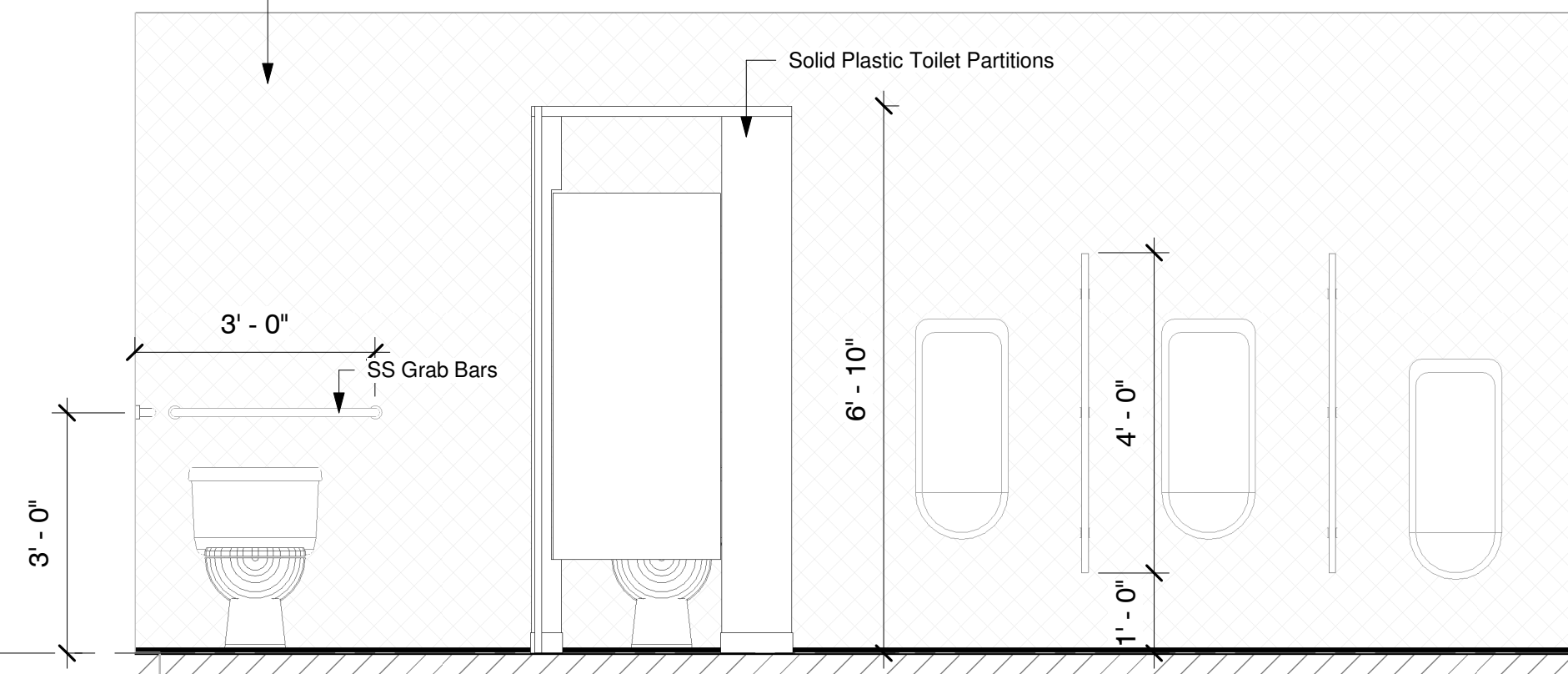
2 Bldg E - Laundry N
1/2" = 1'-0"



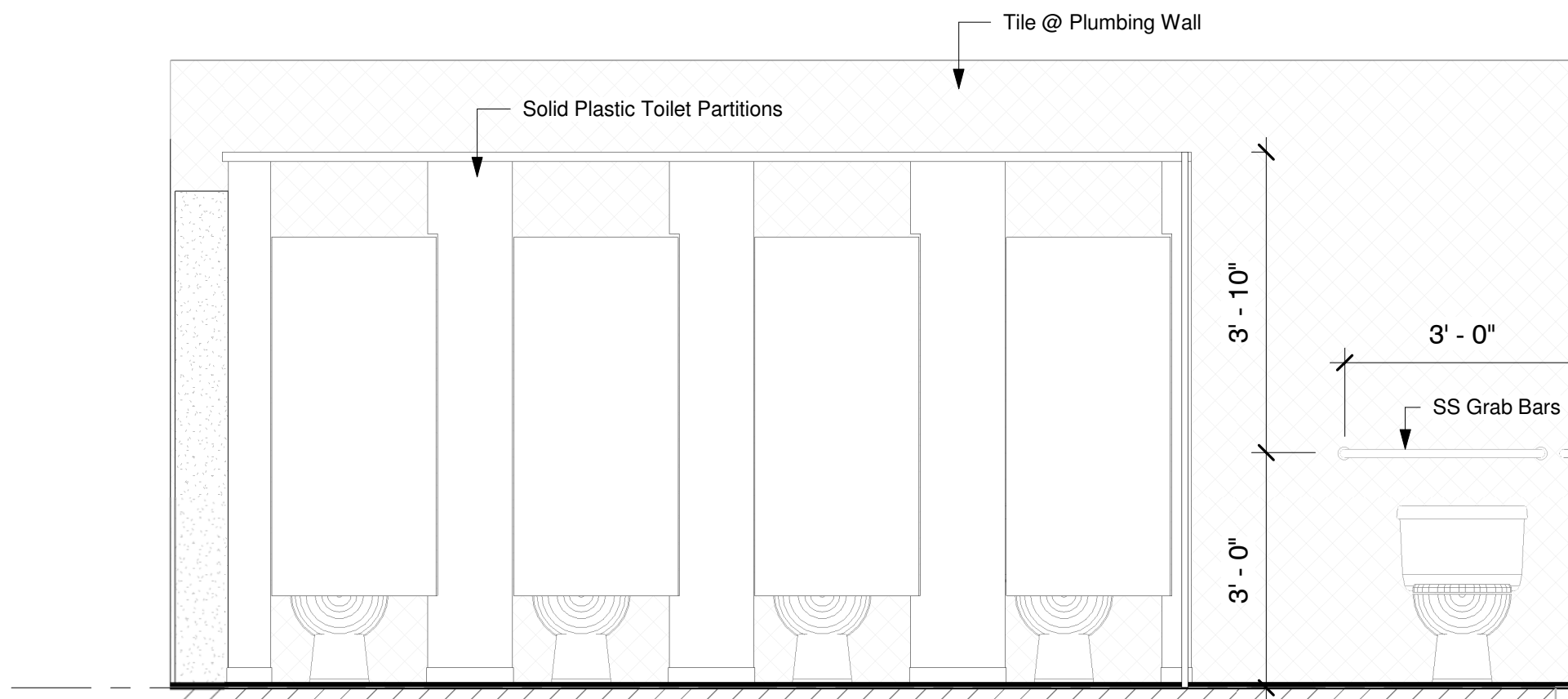
3 Bldg E - Laundry W
1/2" = 1'-0"



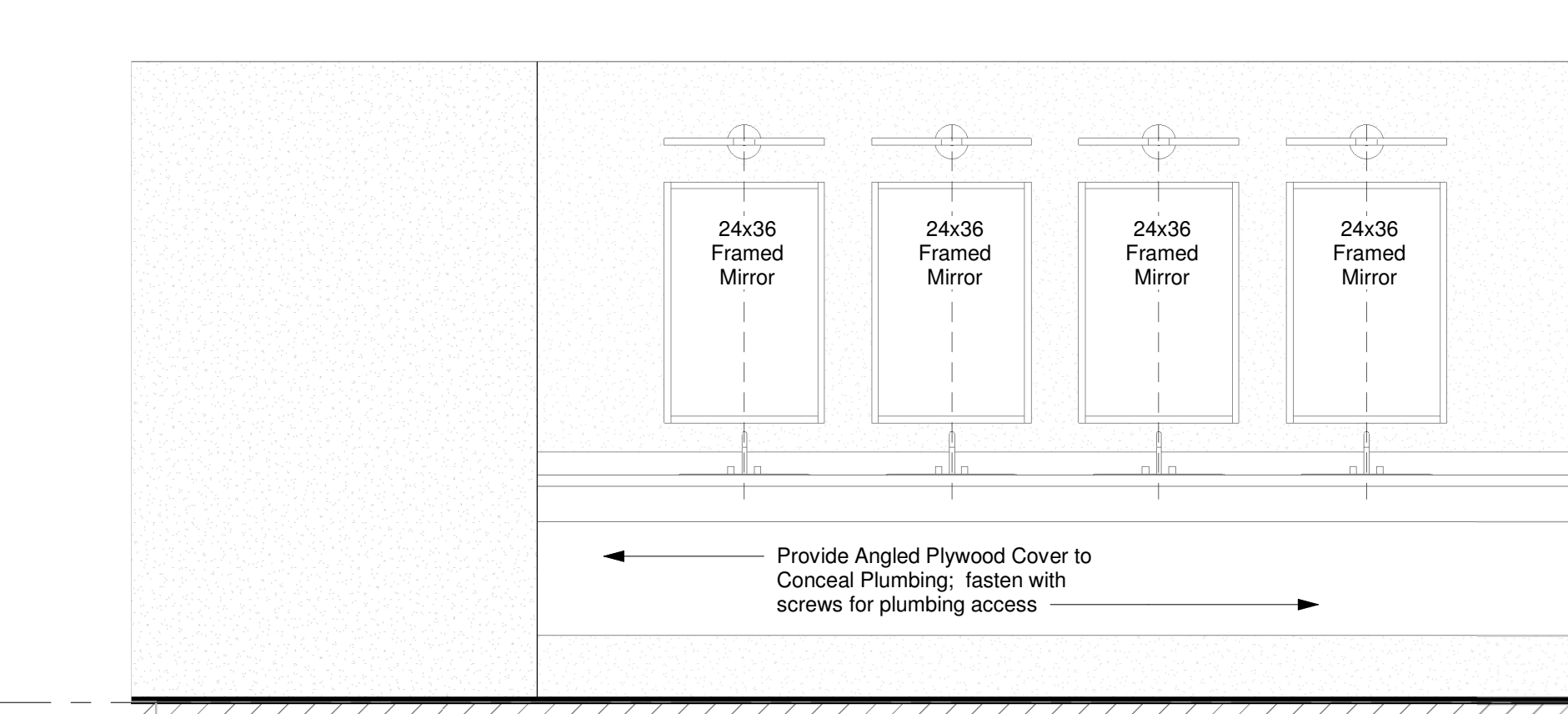
4 Bldg E - Toilets Mens N
1/2" = 1'-0"



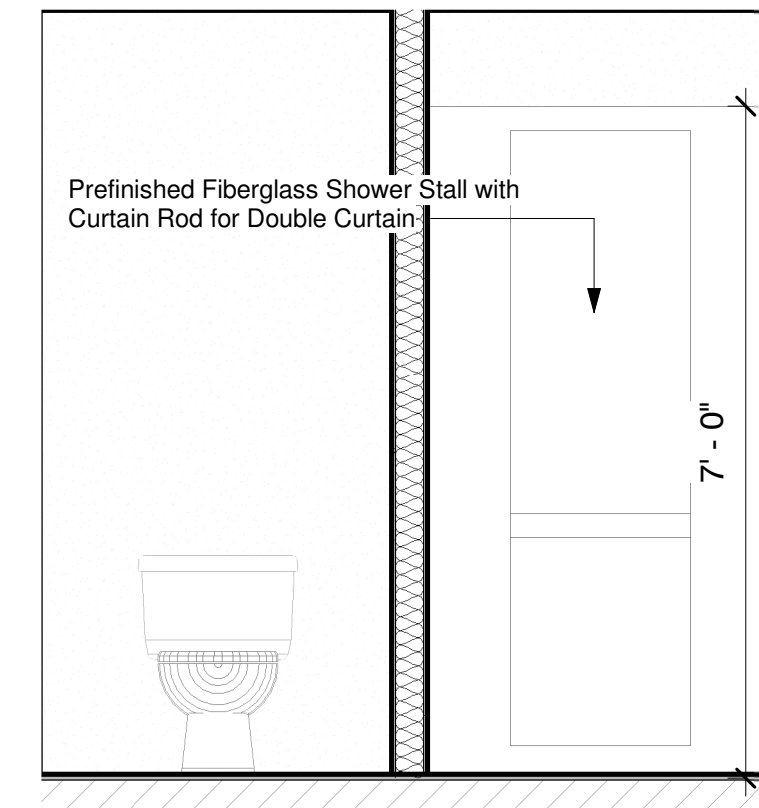
5 Bldg E - Toilets Mens S
1/2" = 1'-0"



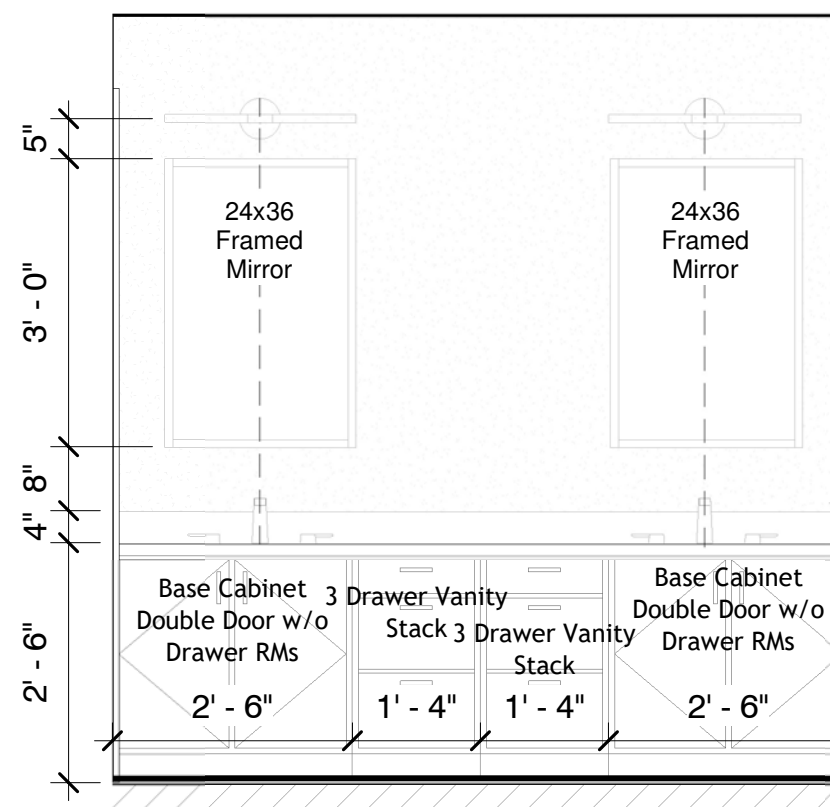
6 Bldg E - Toilets Wmns N
1/2" = 1'-0"



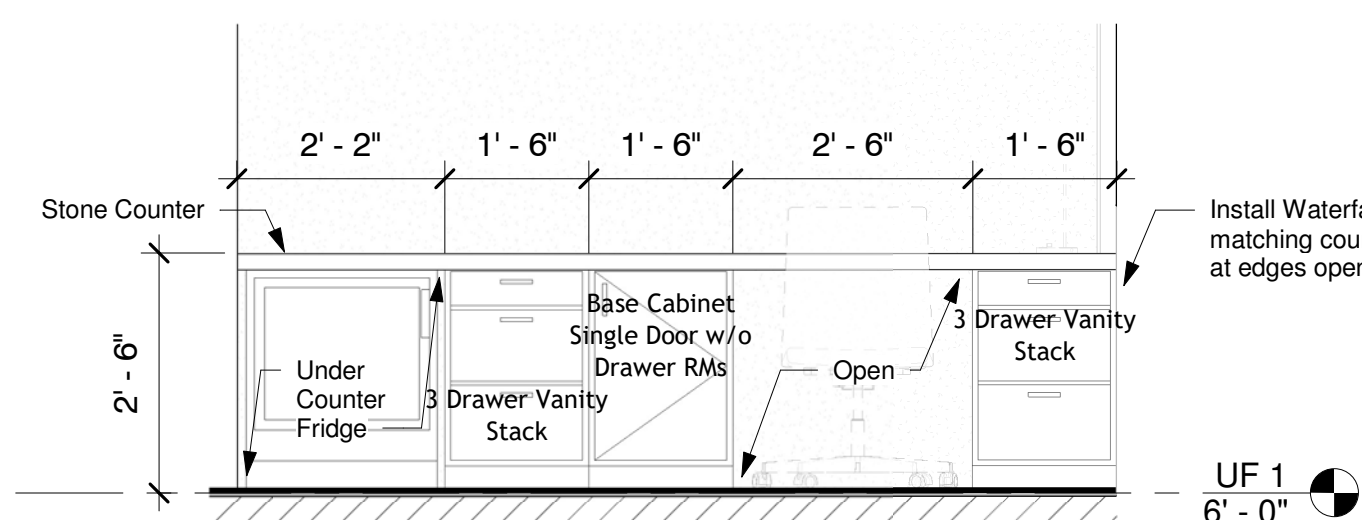
7 Bldg E - Toilets Wmns S
1/2" = 1'-0"



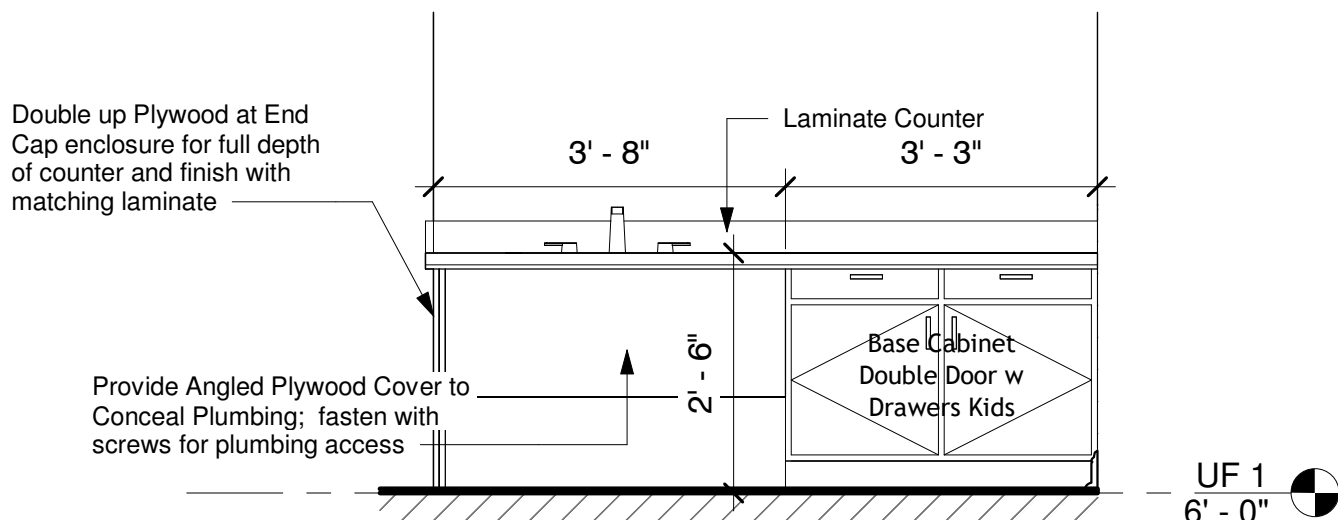
8 Bldg E - Typical Suite Toilets Bath
1/2" = 1'-0"



9 Bldg E - Typical Suite Toilets Vanity
1/2" = 1'-0"



10 Typical Guest Suite Millwork
1/2" = 1'-0"



11 Daycare Millwork
1/2" = 1'-0"

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- COMPLETION / RENOVATION**
- Patch and restore construction disturbed by the work. Where existing walls, floors, ceilings, or finishes are opened for utilities, blocking, casework, or other new work, restore affected construction to match adjacent finished surfaces.
 - Seal moisture-sensitive joints and penetrations at casework, countertops, backsplashes, plumbing fixtures, wall penetrations, and similar locations to prevent water or debris from entering concealed spaces.
 - Provide complete, coordinated installations. Casework, countertops, fixtures, partitions, shelving, appliances, and accessories shall be plumb, level, aligned, securely anchored, fully operational, and free of damage at Substantial Completion.

Mercy House Womens Campus

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site



Construction Documents

Revision # Rev Date

Interior Elevations

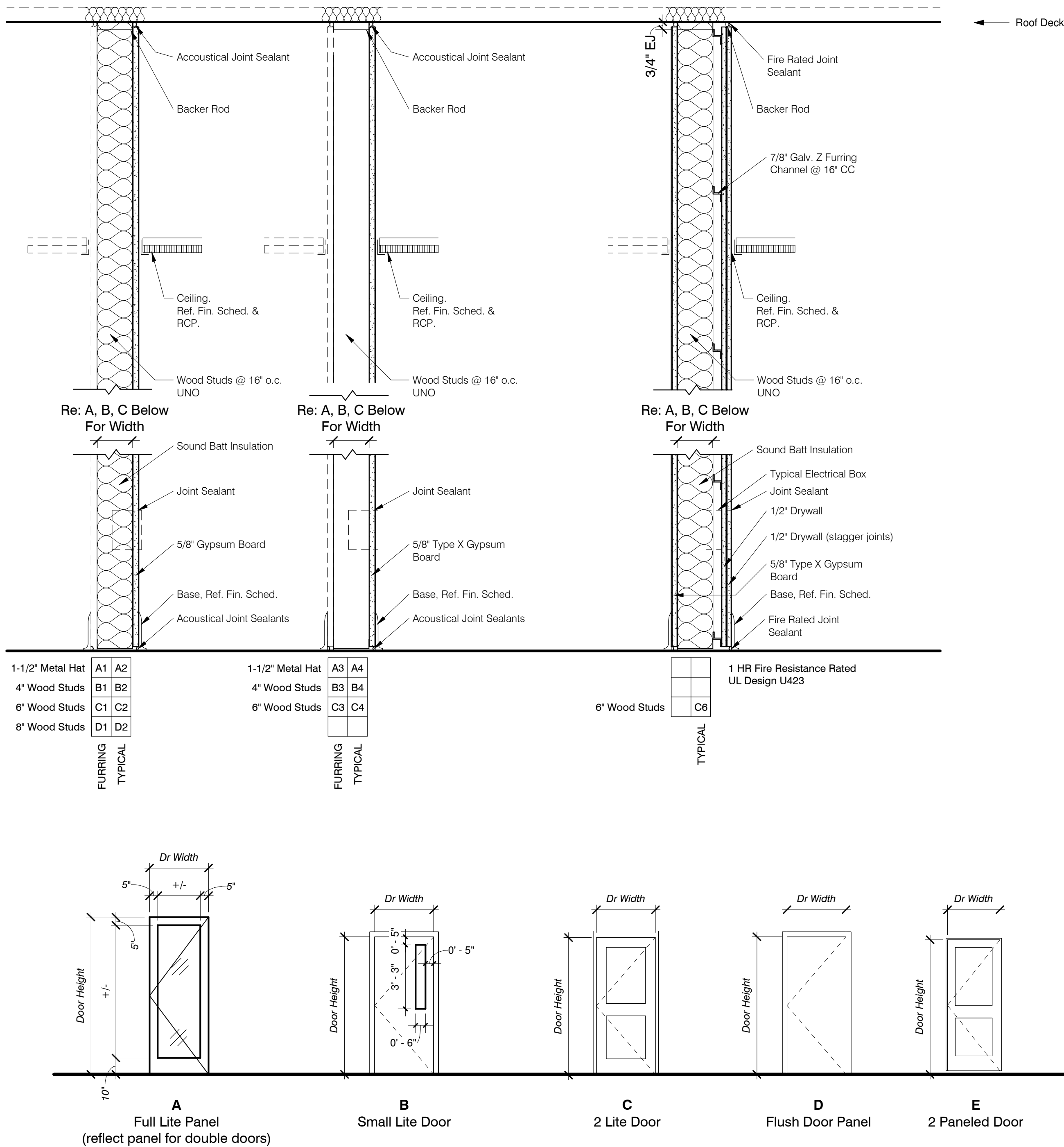
A-483

HOW TO USE:

1. A letter designation i.e. "A" references the stud size.
2. The number following the letter ("1", "2", etc.) designates the construction type i.e. furring, typical partition, fire-rated, acoustical, etc.
3. No fire-rated walls should have a "furring" designation, coordinate any discrepancies with architect.
4. Typically, odd-numbered walls will be furring walls and even numbered walls will be typical walls with gyp on both sides.

Partition Types Notes:

1. Gypsum Board required on both sides of stud framing at all "TYPICAL" partitions.
2. Gypsum board required on one side of studs at "CHASE OR FURRING" (or FURRING) partitions as indicated by the dashed lines on one side of the studs.
3. "Demising Walls" are those walls separating guest rooms from one another.
4. Reference wall sections & details for exterior wall information.
5. At walls indicated to receive tile in finish schedule, provide 5/8" concrete board in lieu of gypsum.



General Partition Notes

1. Refer to symbols legend and floor plan for additional fire rated indications
2. Where walls are noted to extend to B.O. deck, the wall materials (gyp, stud, &/or CMU) are to extend to not greater than 1" from the B.O. structural deck. Where walls have gyp. board, the gyp. is to be cut parallel to the structural deck form, not less than 3/4". Remaining voids shall be filled with compressible sound attenuation &/or backer rod & sealant at non-rated assemblies & sealed smoke-tight with backer rod & fire-stopping sealant at fire or smoke-rated assemblies.
3. Control joints and expansion joints in fire or smoke-rated partitions shall be constructed to maintain the fire rating of the partition using continuous firestopping material within the joint. Control joints and expansion joints in un-rated partitions shall be constructed to resist sound transmission using fire-resistant sound attenuation blanket material within the joint
4. At un-rated partitions, the partition construction shall be identical to the construction of the fire-rated partition, except that acoustical sealant shall be used in lieu of firestopping
5. Partition type reference indicated on the floor plans do not include the applied finishes. Refer to room finish schedule, room finish notes, and interior details for applied finishes.
6. Where items are recessed in the walls of fire-rated partitions, provide additional gyp. wallboard, fireproofing, and/or firestopping around the recessed portion of the item in thickness and construction as required to maintain the fire rating of the partition.
7. At all locations where fire-rated partitions abut or attach to fireproofed structural members, the fire rating of both the structural members and the partition shall be maintained.
8. In addition to any other partition requirements, all joints in the gypsum wallboard surfaces shall be taped, floated, and painted, including fire-rated partitions, un-rated partitions, exposed surfaces, concealed surfaces, and surfaces above the ceiling.
9. All stud walls in toilets, laundry, kitchen, or other wet areas to receive moisture resistant gyp. board. Tile backer board to be used on all walls scheduled to receive tile finishes.
10. Contractor to seal all penetrations in non-rated walls with sound attenuation blankets and/or acoustic sealant to maintain that wall's STC rating
11. All exposed interior CMU corners and edges shall be bullnosed
12. Provide moisture-resistant tile backer board at all CMU walls scheduled to receive CT wainscot.

General Door & Window Notes

1. **Provide 1" insulated tinted glazing at exterior windows and storefront**, U.N.O. Provide 1/4" tempered safety glazing at exterior storefront doors, U.N.O.
2. **Provide 1/4" tempered safety glazing at interior windows and glazed openings**, U.N.O. Provide safety glazing at all other locations required by applicable code.
3. **Provide 1-3/4" thick wood and hollow-metal doors**, U.N.O. Refer to Door Schedule for panel, frame, operation, and other requirements.
4. **Provide typical door undercut of 5/8" at interior doors and 1/4" above top of threshold at exterior doors**, U.N.O. Coordinate undercuts with finish flooring, thresholds, accessibility requirements, and required mechanical air transfer.
5. **Dimensions shown are nominal**. Field verify existing openings, wall thicknesses, frame conditions, and required rough openings prior to fabrication or construction. Coordinate actual frame dimensions with wall assemblies and scheduled door sizes.
6. **Coordinate door and window openings with adjacent construction**. Provide required framing, headers, blocking, anchors, shims, sealants, flashing, trim, and other accessories necessary for complete installations.
7. **Provide rated doors, frames, and glazing where indicated**. Complete opening assemblies shall have ratings compatible with the required wall assembly and shall bear required labels. Do not field modify labeled assemblies in a manner that voids their rating.
8. **Provide safety glazing where required** by applicable code, including hazardous locations at doors, sidelites, windows, and other glazed openings.
9. **Set outside edge of door frames 4" from adjacent perpendicular walls or partitions**, U.N.O. Where dimensions are specifically indicated on plans, indicated dimensions shall govern.
10. **Coordinate frame depths with finished wall thicknesses**. Frames shall accommodate gypsum board, furring, masonry, tile, and other scheduled wall finishes to provide a complete and properly aligned installation.
11. **Reference finish plans for flooring transitions at doors**. Align changes in flooring materials and graphic patterns with centerline of door when in the closed position, U.N.O. Provide transition profiles or thresholds where indicated or required for a complete installation.
12. **Maintain accessible transitions at door openings**. Thresholds and changes in level shall comply with applicable accessibility requirements and shall not create tripping hazards.
13. **Exterior exit doors shall connect to accessible routes**. Coordinate exterior paving and landings to provide flush transitions at door openings and slopes complying with applicable accessibility requirements; walking surfaces shall not exceed 1:20 running slope except where designed as ramps.
14. **Provide weather-tight exterior openings**. Coordinate exterior doors, windows, and storefront with perimeter flashing, sealants, sill conditions, drainage, and adjacent weather barriers to prevent water intrusion.
15. **Provide weatherstripping at exterior doors and acoustic seals at doors within acoustically rated partitions** as required to maintain the intended performance of the opening and surrounding assembly.
16. **Coordinate electrical requirements at door openings** with electrical drawings and specifications, including power, conduit, wiring, access-control provisions, and other electrically operated components indicated.
17. **Coordinate doors with required clearances**. Maintain required maneuvering clearances, clear opening widths, accessible routes, and adjacent millwork, fixtures, equipment, and wall-mounted items.
18. **Install doors, frames, windows, and storefront plumb, level, square, and true**. Completed assemblies shall operate freely, fit properly, and be free of damage, distortion, excessive gaps, and visible defects.

General Hardware Notes

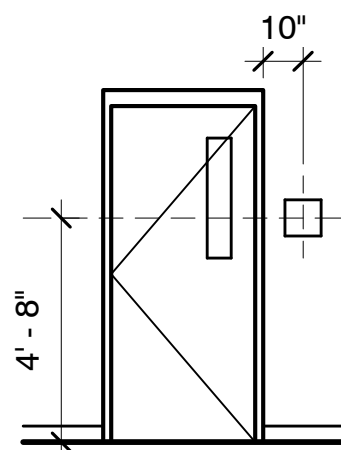
- H1: Keyed Entry with Panic**
a. 1-1/2 Pair Commercial-Duty Hinges
b. Keyed Entry Lever / Trim
c. Panic / Exit Device
d. Door Closer
e. Silencers
f. Door Stop
- H2: Keyed Entry**
a. 1-1/2 Pair Commercial-Duty Hinges
b. Keyed Entry Lever Lockset
c. Silencers
d. Door Stop
- H3: Privacy**
a. 1-1/2 Pair Commercial-Duty Hinges
b. Privacy Lever Lockset
c. Silencers
d. Door Stop
- H4: Passage**
a. 1-1/2 Pair Commercial-Duty Hinges
b. Passage Lever Set
c. Silencers
d. Door Stop
- H5: Pocket - Privacy**
a. Manufacturer's Pocket Door Track and Operating Hardware
b. Privacy Pocket Door Latch / Lock
c. Recessed Door Pull
d. Door Guides / Stops as Required
- H6: Pocket - Privacy (Reversed)**
a. Manufacturer's Pocket Door Track and Operating Hardware
b. Reversed-Function Privacy Pocket Door Latch / Lock
c. Recessed Door Pull
d. Door Guides / Stops as Required
- H7: Pocket - Passage**
a. Manufacturer's Pocket Door Track and Operating Hardware
b. Passage Pocket Door Latch / Pull
c. Recessed Door Pull
d. Door Guides / Stops as Required
- H8: Double Pocket - Passage**
a. Manufacturer's Double Pocket Door Track and Operating Hardware
b. Passage Pocket Door Pulls
c. Recessed Edge Pulls as Required
d. Door Guides / Stops as Required
- H9: Double Action - Passage**
a. Heavy-Duty Double-Action Hinges / Pivots
b. Passage Pull / Push Hardware as Required
c. Door Stops as Required

EXTERIOR DOORS: In addition to the hardware set indicated, provide all exterior doors with weatherstripping, low-profile accessible threshold, door sweep, overhead rain drip where exposed, corrosion-resistant exterior-grade hardware, and all seals and accessories required to provide a complete weather-resistant installation. Coordinate exterior door closers and panic hardware with the scheduled hardware set. Thresholds shall comply with applicable accessibility requirements.

1. **Provide complete hardware sets** including all fasteners, strikes, mounting hardware, accessories, and incidental components required for a complete and operational installation.
2. **Provide commercial-duty lever hardware** unless specifically indicated otherwise. Coordinate finish throughout project with Architect and Owner.
3. **Provide domed floor stops at swing doors** unless wall stops or other stop conditions are specifically indicated. Final stop locations shall be coordinated with Owner.
4. **Coordinate fire-rated door hardware** with required door and frame ratings. Hardware at rated openings shall be listed and labeled for the applicable assembly; hold-open devices shall only be provided where permitted.
5. **Provide accessible hardware** complying with applicable requirements of the 2010 ADA Standards for Accessible Design.
6. **Coordinate panic hardware with required egress operation**. Doors required for egress shall be readily operable from the egress side without a key, special knowledge, or effort.

Door Panel Types

1/4" = 1'-0"

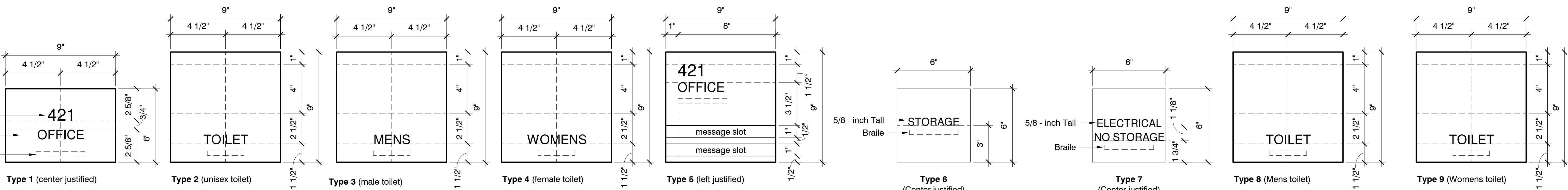
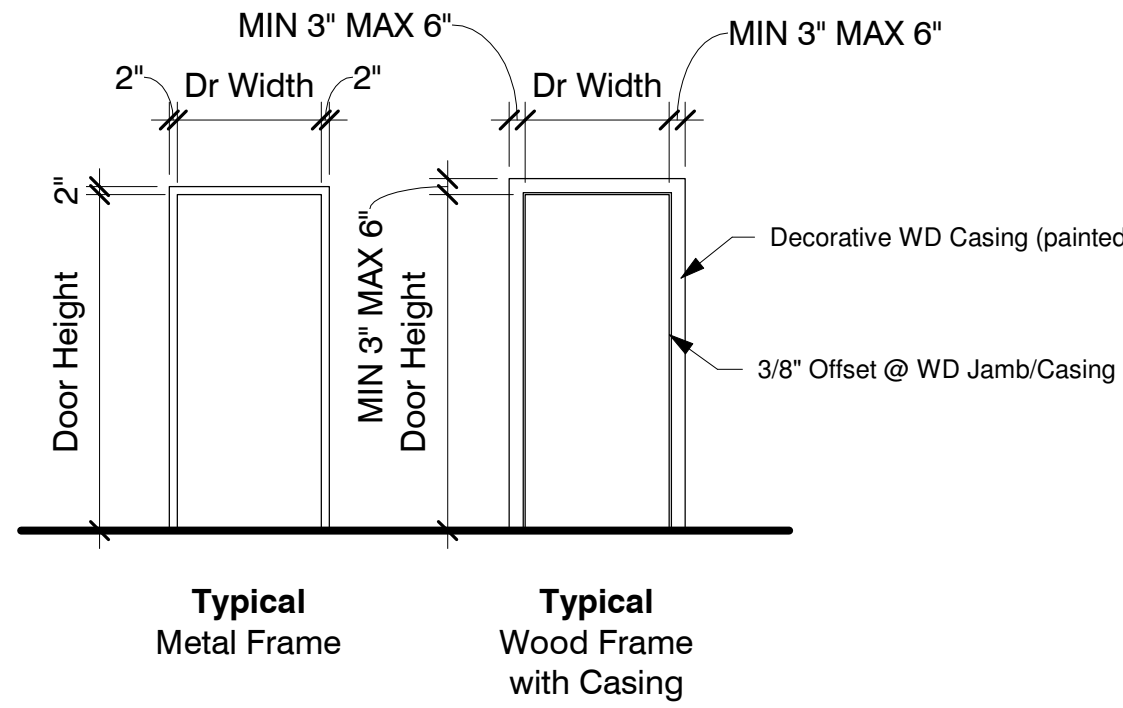


2 Door Signage
1/4" = 1'-0"

Provide Sign Schedule and Package for all Doors in Project

Door Frame Types

1/4" = 1'-0"



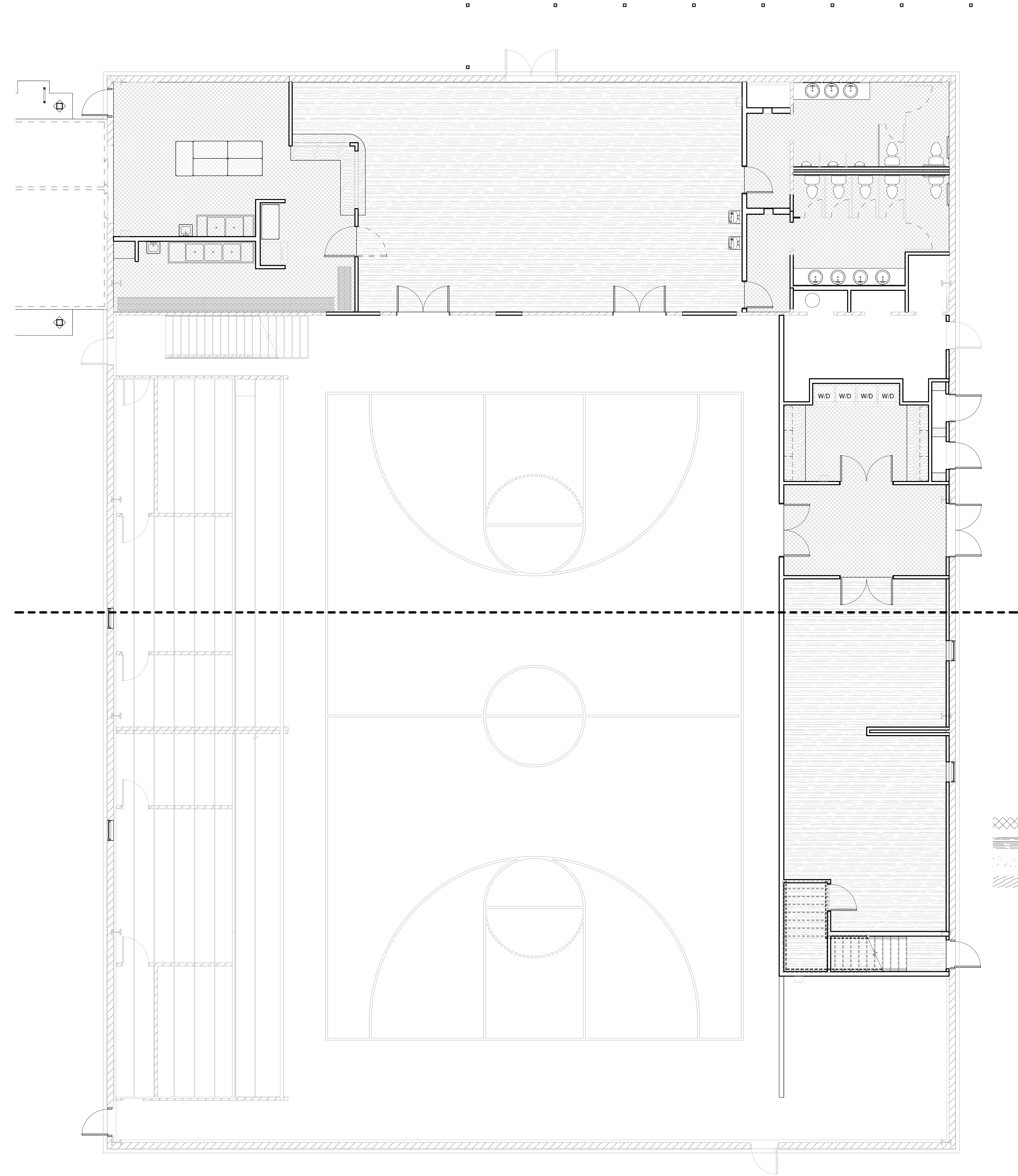
3 Signage Types
3" = 1'-0"



Construction Documents

Revision # Rev Date

Types & Schedules



1 Building E - 1st Flr Finishes
3/16" = 1'-0"

General Finishes

1. **REFER TO FINISH PLAN AND SCHEDULES** for finish materials, locations, patterns, colors, and transitions. Coordinate with enlarged plans, interior elevations, details, and specifications for complete requirements.
2. **FIELD VERIFY CONDITIONS** prior to installation. Verify dimensions, substrate conditions, moisture content, floor elevations, and adjacent construction. Report unsuitable conditions or discrepancies to Architect prior to proceeding.
3. **PREPARE ALL SUBSTRATES** in accordance with finish manufacturer's written requirements. Substrates shall be clean, dry, smooth, sound, level, and free of contaminants, irregularities, cracks, curing compounds, or other conditions detrimental to installation.
4. **CONCRETE FLOOR PREPARATION** shall include grinding, patching, leveling, crack treatment, moisture testing, and other preparation required by flooring manufacturer. Do not install flooring until substrate conditions comply with manufacturer's requirements.
5. **FLOORING SHALL EXTEND BENEATH CASEWORK**, appliances, removable equipment, and other floor-mounted items unless specifically noted otherwise. Coordinate flooring installation sequence with millwork and equipment installation.
6. **FLOORING TRANSITIONS** shall occur at centerline of door panel in the closed position, U.N.O. Where no door occurs, align transitions with wall faces, openings, or other architectural features as indicated.
7. **PROVIDE FLUSH TRANSITIONS** between dissimilar flooring materials to the greatest extent possible. Coordinate material thicknesses, adhesives, underlayments, setting beds, and substrate preparation prior to installation. Feather or level substrates as required to eliminate abrupt changes in elevation.
8. **ACCESSIBLE FLOOR TRANSITIONS** shall comply with applicable accessibility requirements. Changes in level shall not exceed permitted heights and slopes, and completed transitions shall present no trip hazards.
9. **PROVIDE TRANSITION PROFILES AND THRESHOLDS** as detailed on this sheet. Provide Schluter® RENO-U, Dark Bronze, at carpet-to-LVT transitions and solid-surface thresholds at tile transitions unless noted otherwise. Coordinate final profile size with actual installed finish thicknesses.
10. **LVT FLOORING** shall be installed using manufacturer-approved adhesive and installation methods over properly prepared substrates. Maintain consistent plank direction and pattern throughout contiguous spaces unless a change in direction is specifically indicated.
11. **CARPET TILE** shall be installed square, straight, and tight with consistent pattern orientation. Coordinate installation pattern with room geometry and minimize small or irregular perimeter cuts. Provide manufacturer-approved adhesive and installation system.
12. **TILE FLOORING** shall be installed over properly prepared substrates using setting materials appropriate for the application. Provide consistent joint widths, straight and aligned grout joints, and full support beneath tile. Coordinate movement joints and perimeter joints as required by tile industry standards and manufacturer.
13. **WET-AREA FLOORING** shall be installed to provide complete, durable, waterproofing, sealants, penetrations, and transitions with plumbing fixtures and adjacent construction.
14. **LAYOUT FLOOR FINISHES** to minimize narrow cuts and visually unbalanced conditions. Center or balance flooring patterns within rooms and major openings where practical. Coordinate changes in material or pattern with architectural features.
15. **STONE COUNTERTOPS** shall be field measured and templated after supporting casework is installed and prior to fabrication. Verify dimensions, wall conditions, appliance openings, plumbing fixtures, and required penetrations before fabrication.
16. **COUNTERTOP INSTALLATION** shall provide continuous, level, fully supported surfaces with tight and uniform joints. Provide concealed supports, brackets, blocking, adhesives, sealants, and reinforcing as required by countertop manufacturer and actual spans.
17. **COUNTERTOP PENETRATIONS** shall be accurately coordinated with sinks, faucets, appliances, dispensers, electrical devices, and other equipment. Field verify actual equipment and fixture dimensions prior to cutting or fabrication.
18. **COUNTERTOP EDGES AND JOINTS** shall be finished consistently throughout. Locate seams to minimize visibility and avoid seams through sinks or other openings where practical. Finish exposed edges and ends to match approved material.
19. **SEAL COUNTERTOP JOINTS** at walls, backsplashes, sinks, and other wet locations with mildew-resistant sealant compatible with adjacent materials. Provide finished joints of consistent width and appearance.
20. **COORDINATE FINISHES WITH MILLWORK**. Verify countertop thicknesses, overhangs, backsplash conditions, cabinet dimensions, appliance clearances, plumbing locations, and required supports prior to fabrication.
21. **PROTECT COMPLETED FINISHES** from damage during subsequent construction. Replace damaged, stained, chipped, scratched, improperly installed, or otherwise unacceptable materials prior to Substantial Completion.
22. **PROVIDE COMPLETE FINISHED INSTALLATIONS**. Furnish all adhesives, setting materials, grout, trims, transitions, thresholds, sealants, edge profiles, underlayments, leveling materials, and miscellaneous accessories required for complete installation whether or not each component is specifically indicated.
23. **EXISTING FLOOR CONDITIONS**: Removal of existing finishes may expose variations in slab elevation, cracking, adhesive residue, patching, or other irregularities. Contractor shall include normal substrate preparation necessary to receive scheduled finishes. Notify Architect of conditions requiring substantial corrective work prior to proceeding.

Mercy House Womens Campus



Construction Documents

Revision # Rev Date

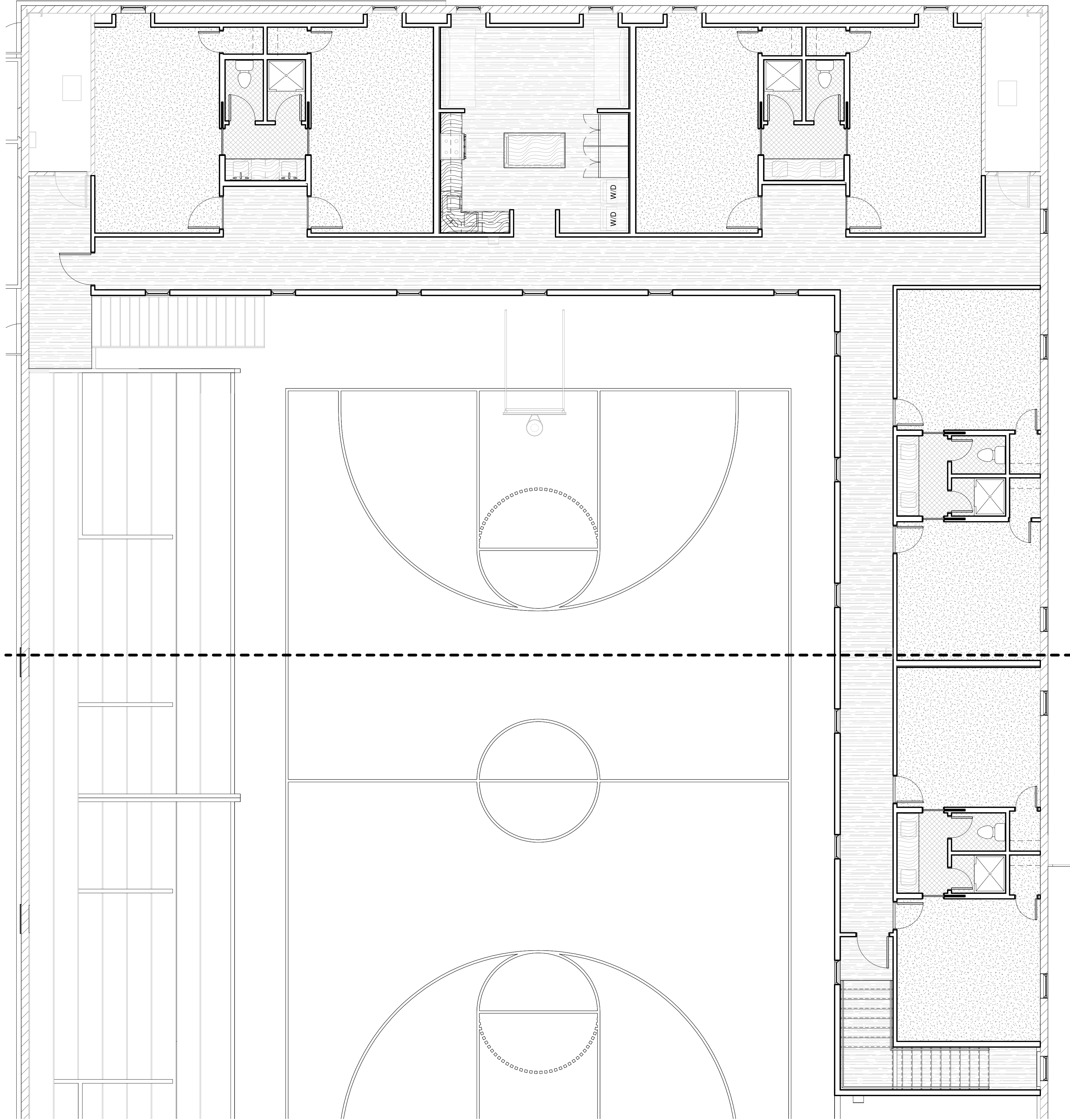
Finish Plan

A-812

Project No 20241215001-B Date 8/31/2026

5257 Learned Rd., Learned, MS 39154
Main Campus Renovations & Site





- Legend
- Tile Flooring
 - LVT Flooring
 - Carpet Tile Flooring
 - Stone Counters

1 Building E - 2nd Flr Finishes
3/16" = 1'-0"

General Finishes

1. **REFER TO FINISH PLAN AND SCHEDULES** for finish materials, locations, patterns, colors, and transitions. Coordinate with enlarged plans, interior elevations, details, and specifications for complete requirements.
2. **FIELD VERIFY CONDITIONS** prior to installation. Verify dimensions, substrate conditions, moisture content, floor elevations, and adjacent construction. Report unsuitable conditions or discrepancies to Architect prior to proceeding.
3. **PREPARE ALL SUBSTRATES** in accordance with finish manufacturer's written requirements. Substrates shall be clean, dry, smooth, sound, level, and free of contaminants, irregularities, cracks, curing compounds, or other conditions detrimental to installation.
4. **CONCRETE FLOOR PREPARATION** shall include grinding, patching, leveling, crack treatment, moisture testing, and other preparation required by flooring manufacturer. Do not install flooring until substrate conditions comply with manufacturer's requirements.
5. **FLOORING SHALL EXTEND BENEATH CASEWORK**, appliances, removable equipment, and other floor-mounted items unless specifically noted otherwise. Coordinate flooring installation sequence with millwork and equipment installation.
6. **FLOORING TRANSITIONS** shall occur at centerline of door panel in the closed position, U.N.O. Where no door occurs, align transitions with wall faces, openings, or other architectural features as indicated.
7. **PROVIDE FLUSH TRANSITIONS** between dissimilar flooring materials to the greatest extent possible. Coordinate material thicknesses, adhesives, underlayments, setting beds, and substrate preparation prior to installation. Feather or level substrates as required to eliminate abrupt changes in elevation.
8. **ACCESSIBLE FLOOR TRANSITIONS** shall comply with applicable accessibility requirements. Changes in level shall not exceed permitted heights and slopes, and completed transitions shall present no trip hazards.
9. **PROVIDE TRANSITION PROFILES AND THRESHOLDS** as detailed on this sheet. Provide Schlüter® RENO-U, Dark Bronze, at carpet-to-LVT transitions and solid-surface thresholds at tile transitions unless noted otherwise. Coordinate final profile size with actual installed finish thicknesses.
10. **LVT FLOORING** shall be installed using manufacturer-approved adhesive and installation methods over properly prepared substrates. Maintain consistent plank direction and pattern throughout contiguous spaces unless a change in direction is specifically indicated.
11. **CARPET TILE** shall be installed square, straight, and tight with consistent pattern orientation. Coordinate installation pattern with room geometry and minimize small or irregular perimeter cuts. Provide manufacturer-approved adhesive and installation system.
12. **TILE FLOORING** shall be installed over properly prepared substrates using setting materials appropriate for the application. Provide consistent joint widths, straight and aligned grout joints, and full support beneath tile. Coordinate movement joints and perimeter joints as required by tile industry standards and manufacturer.
13. **WET-AREA FLOORING** shall be installed to provide complete, durable, moisture-resistant assemblies. Coordinate floor tile, setting materials, grout, waterproofing, sealants, penetrations, and transitions with plumbing fixtures and adjacent construction.
14. **LAYOUT FLOOR FINISHES** to minimize narrow cuts and visually unbalanced conditions. Center or balance flooring patterns within rooms and major openings where practical. Coordinate changes in material or pattern with architectural features.
15. **STONE COUNTERTOPS** shall be field measured and templated after supporting casework is installed and prior to fabrication. Verify dimensions, wall conditions, appliance openings, plumbing fixtures, and required penetrations before fabrication.
16. **COUNTERTOP INSTALLATION** shall provide continuous, level, fully supported surfaces with tight and uniform joints. Provide concealed supports, brackets, blocking, adhesives, sealants, and reinforcing as required by countertop manufacturer and actual spans.
17. **COUNTERTOP PENETRATIONS** shall be accurately coordinated with sinks, faucets, appliances, dispensers, electrical devices, and other equipment. Field verify actual equipment and fixture dimensions prior to cutting or fabrication.
18. **COUNTERTOP EDGES AND JOINTS** shall be finished consistently throughout. Locate seams to minimize visibility and avoid seams through sinks or other openings where practical. Finish exposed edges and ends to match approved material.
19. **SEAL COUNTERTOP JOINTS** at walls, backsplashes, sinks, and other wet locations with mildew-resistant sealant compatible with adjacent materials. Provide finished joints of consistent width and appearance.
20. **COORDINATE FINISHES WITH MILLWORK**. Verify countertop thicknesses, overhangs, backsplash conditions, cabinet dimensions, appliance clearances, plumbing locations, and required supports prior to fabrication.
21. **PROTECT COMPLETED FINISHES** from damage during subsequent construction. Replace damaged, slanted, chipped, scratched, improperly installed, or otherwise unacceptable materials prior to Substantial Completion.
22. **PROVIDE COMPLETE FINISHED INSTALLATIONS**. Furnish all adhesives, setting materials, grout, trims, transitions, thresholds, sealants, edge profiles, underlayments, leveling materials, and miscellaneous accessories required for complete installation whether or not each component is specifically indicated.
23. **EXISTING FLOOR CONDITIONS**: Removal of existing finishes may expose variations in slab elevation, cracking, adhesive residue, patching, or other irregularities. Contractor shall include normal substrate preparation necessary to receive scheduled finishes. Notify Architect of conditions requiring substantial corrective work prior to proceeding.

Mercy House Womens Campus



Construction Documents

Revision # Rev Date

Finish Plan

A-813



Project No 20241215001-B Date 9/3/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site



General Rendering Notes

- RENDERINGS ARE FOR DESIGN INTENT ONLY.** Images on this sheet are provided to illustrate the general architectural character, material relationships, colors, landscaping character, and overall design intent of the project. Renderings shall not be scaled or used to establish dimensions, quantities, or exact locations.
- REFER TO DIMENSIONED DRAWINGS.** Refer to architectural plans, enlarged plans, elevations, sections, details, schedules, and site/callout drawings for exact dimensions, locations, quantities, assemblies, materials, and construction requirements. Where a rendering differs from dimensioned or noted construction documents, the construction documents shall govern.
- SITE ELEMENTS ARE REPRESENTATIONAL.** Locations and quantities of sidewalks, landscaping, planting areas, fencing, site furnishings, drainage elements, playground areas, equipment, and similar site improvements shown in renderings are approximate. Refer to applicable AC sheets and enlarged site plans for actual scope, locations, and requirements.
- LANDSCAPING AND FURNISHINGS** shown in renderings are intended to illustrate the desired character of completed spaces and shall not imply Contractor-furnished scope unless specifically indicated elsewhere in the Contract Documents. Plantings and site furnishings are by Owner unless noted otherwise.
- PLAYGROUND EQUIPMENT** shown is representational and is by Owner unless specifically noted otherwise. Contractor shall coordinate required site preparation and adjacent construction with the final Owner-selected equipment where applicable.
- AWNINGS AND COVERED WALKS** shall be provided where indicated on the construction drawings. Awnings may be omitted from individual renderings for clarity and such omission shall not constitute deletion from the Work. Refer to awning plans, details, notes, and approved shop drawings for actual configuration.
- FENCING** shown represents the intended general appearance and extent only. Refer to dimensioned site drawings for exact locations, heights, gates, terminations, and limits of fencing. New privacy fencing shall coordinate with and generally match the character of existing site fencing as specified.
- EXTERIOR MATERIALS AND COLORS** shown represent the intended design character but may vary from rendered appearance due to lighting, viewing conditions, product availability, and digital representation. Final colors, finishes, profiles, and products shall be as specified, scheduled, or selected by Architect and Owner.
- EXISTING BUILDINGS AND CONDITIONS** depicted in the renderings are generalized representations. Contractor shall field verify existing dimensions, grades, openings, utilities, structures, and other conditions affecting the Work prior to construction.
- GRADES AND ACCESSIBLE ROUTES** shown graphically are conceptual. Construct sidewalks, ramps, landings, and accessible routes to the elevations, slopes, and requirements indicated on the dimensioned site drawings and in compliance with applicable accessibility requirements.
- DO NOT INFER CONSTRUCTION DETAILS** from rendered images. Flashing, drainage, foundations, structural connections, reinforcement, waterproofing, sealants, fasteners, joints, and concealed construction shall be provided as indicated elsewhere in the Contract Documents and as required for complete and durable installations.
- COORDINATE DISCREPANCIES.** Notify Architect prior to proceeding where the renderings appear inconsistent with plans, elevations, details, schedules, specifications, or existing field conditions. Do not modify the documented construction based solely upon the appearance of a rendering.
- FINAL APPEARANCE.** Execute visible construction with consistent alignment, spacing, finish, and workmanship to achieve the overall architectural character illustrated by these renderings while complying with the requirements of the Contract Documents.

Mercy House Womens Campus



Construction Documents

Revision # Rev Date

Exterior Renderings

A-901



Project No 20241215001-B Date 9/31/2026

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

HVAC SYMBOLS & ABBREVIATIONS

ABBREVIATIONS

AD	ACCESS DOOR	EWT	ENTERING WATER TEMPERATURE	OPNG	OPENING
AHU	AIR HANDLING UNIT	EUH	ELECTRIC UNIT HEATER	P	PRESSURE
AI	ANALOG INPUT	EXH	EXHAUST	PAT	PREHEAT AIR TEMP
AO	ANALOG OUTPUT	FCU	FAN COIL UNIT	PSI	POUNDS PER SQUARE INCH
AFF	ABOVE FINISH FLOOR	FD	FIRE DAMPER	PTU	PACKAGED TERMINAL UNIT
AFG	ABOVE FINISH GRADE	F/SD	FIRE/SMOKE DAMPER	QTY	QUANTITY
AFMD	AIR FLOW MEASURING DEVICE	FPM	FEET PER MINUTE	RAD	RETURN AIR DAMPER
ARCH	ARCHITECTURAL	FSTAT	FREEZESTAT	REQ'D	REQUIRED
BD	BACKDRAFT DAMPER	GPM	GALLONS PER MINUTE	R/A	RETURN AIR
BI	BINARY INPUT	GUH	GAS UNIT HEATER	RAT	RETURN AIR TEMP.
BO	BINARY OUTPUT	H	HUMIDISTAT	RPM	REVOLUTIONS PER MINUTE
BTUH	BRITISH THERMAL UNITS/HOUR	HWV	HEATING WATER VALVE	SA	SOUND ATTENUATOR
BYP	BYPASS	HWP	HOT WATER PUMP	S/A	SUPPLY AIR
CAT	COOLING AIR TEMP	KW	KILOWATT	SAT	SUPPLY AIR TEMP
CFM	CUBIC FEET PER MINUTE	LAT	LEAVING AIR TEMPERATURE	SD	SPLITTER DAMPER
CHP	CHILLED WATER PUMP	LF	LINEAR FEET	SF	SUPPLY FAN
CHWV	CHILLED WATER VALVE	LG	LONG	SP	STATIC PRESSURE
CLG	CEILING	LVG	LEAVING	S	SENSOR
DB	DRY BULB	LWT	LEAVING WATER TEMP	SS	STAINLESS STEEL
dF	DEGREES FAHRENHEIT	MAT	MIXED AIR TEMP	T	THERMOSTAT
DIFF	DIFFUSER	MAX	MAXIMUM	TSP	TOTAL STATIC PRESSURE
DN	DOWN	MBH	THOUSAND BTU/HR	TYP	TYPICAL
DWG	DRAWING	MBC	MODULAR BUILDING CONTROLLER	UH	UNIT HEATER
EA	EACH	M.D.	MOTORIZED DAMPER	VAV	VARIABLE AIR VOLUME
EAT	ENTERING AIR TEMPERATURE	MECH	MECHANICAL	VFD	VARIABLE FREQUENCY DRIVE
EF	EXHAUST FAN	MVD	MANUAL VOLUME DAMPER	VD	VOLUME DAMPER
ELEC	ELECTRICAL	NC	NORMALLY CLOSED	2W	TWO WAY
EL	ELEVATION	NO	NORMALLY OPEN	2WO	TWO WAY CORNER
EQ	EQUAL	O/A	OUTSIDE AIR	3W	THREE WAY
ESP	EXTERNAL STATIC PRESSURE	OAT	OUTDOOR AIR TEMP	4W	FOUR WAY
EWB	ELECTRIC WALL HEATER	OAD	OUTDOOR AIR DAMPER	WB	WET BULB
		OBD	OPPOSED BLADE DAMPER	WFMD	WATER FLOW MEASURING DEVICE

PIPING SYMBOLS

	AUTOMATIC AIR VENT		GAS COCK
	BUTTERFLY VALVE		HOSE BIB W/ VACCUUM BREAKER
	BALANCING VALVE		HOT WATER HEATING RETURN
	BOTTOM CONNECTION BRANCH		HOT WATER HEATING SUPPLY
	CAPPED PIPE END		O.S.&Y. VALVE
	CHECK VALVE		PIPE RISE OR DROP
	COMBINATION SHUT-OFF/ BALANCING VALVE		RETURN LINE
	CONCENTRIC REDUCER		RISER DN
	CONDENSATE DRAIN		RISER UP
	CHILLED WATER RETURN		SLURRY LINE
	CHILLED WATER SUPPLY		SOLENOID VALVE
	CUT-OFF VALVE (ABOVE GRADE)		SIDE CONNECTION BRANCH
	CUT-OFF VALVE (BELOW GRADE)		TEE DOWN
	CUT-OFF VALVE (GATE VALVE WITH HOSE COUPLING)		TEE UP
	ECCENTRIC REDUCER		THERMOMETER
	ELBOW UP		THERMOMETER WELL
	ELBOW DOWN		TOP CONNECTION BRANCH
	FLEXIBLE PIPE CONNECTION		UNION
	FLOW IN DIRECTION OF ARROW		2-WAY AUTOMATIC CONTROL VALVE
	FUEL OIL RETURN		3-WAY AUTOMATIC CONTROL VALVE
	FUEL OIL SUPPLY		Y-TYPE STRAINER
	FUEL OIL VENT		Y-TYPE STRAINER
	GAUGE COCK		WATER FLOW MEASURING DEVICE (WFMD)

DUCTWORK SYMBOLS

SYMBOL	DESCRIPTION
	RISE IN DUCT, IN DIRECTION OF AIR FLOW
	DROP IN DUCT, IN DIRECTION OF AIR FLOW
	SUPPLY AIR DUCT, UP
	SUPPLY AIR DUCT, DN
	RETURN, EXHAUST, OR OUTSIDE AIR DUCT, UP
	RETURN, EXHAUST, OR OUTSIDE AIR DUCT, DN
	RETURN OR EXHAUST GRILLE, CEILING MTD.
	DIFFUSER SYMBOL 4-WAY
	DIFFUSER SYMBOL 2-WAY
	DUCTWORK
	VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES.
	SPLITTER FURNISH MANUAL VOLUME DPR. IN EACH LEG OF ALL SPLITTERS.
	MANUAL VOLUME DAMPER
	FIRE DAMPER
	LINEAR SLOT DIFFUSER
	THERMOSTAT, HUMIDISTAT, SENSOR WALL THERMOSTAT MTD. 5'-0" AFF.
	INDICATES POINT OF CONNECTION BETWEEN NEW AND EXISTING APPURTENANCES.

A. INSTALLATION

ALL PIPING OR DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR ABOVE CEILINGS. PROVIDE ACCESS PANELS IN HARD CEILINGS ADJACENT TO OPERABLE MECHANICAL DEVICES INCLUDING DAMPERS, VALVES, CONTROLS, AND TERMINAL UNITS. PANELS TO MAINTAIN SAME FIRE RATING AS CEILING SYSTEM AND HAVE HINGED AND LATCHED DOOR. PANELS TO BE MINIMUM 12"x12" AND MAXIMUM 24"x24" DEPENDING ON THE DEVICE TO BE ACCESSED.

THERMOSTATS SHALL BE LOCATED 5'-0" ABOVE FLOOR AND SHALL CLEAR ALL EQUIPMENT. THERMOSTATS LOCATED NEXT TO DOORS SHALL BE LOCATED ON LATCH SIDE OF DOOR, AND AT SAME LEVEL AS LIGHT SWITCH.

COORDINATE DIFFUSER, GRILLE, AND REGISTER LOCATIONS WITH LAY-IN CEILING GRID, EXACT LOCATION OF DEVICES IS NOT CRITICAL BUT SHOULD BE LOCATED WITHIN TWO FEET OF SPOT SHOWN ON DRAWINGS.

THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COORDINATION OF WORK OF ALL TRADES TO ASSURE PROPER INSTALLATION AND CLEARANCES. DRAWINGS ARE ESSENTIALLY DIAGRAMMATICAL AND THEREFORE CONTRACTOR SHOULD PLAN EXACT ROUTING OF DUCT AND PIPE BASED ON FIELD CONDITIONS. PROVIDE ADDITIONAL TRANSITIONS AND OFFSETS AS NECESSARY (AT NO ADDITIONAL COST TO OWNER) TO COMPLETE INSTALLATION AND MAINTAIN REQUIRED CEILING HEIGHTS.

ACCESS PANELS IN DUCTWORK AND NON-ACCESSIBLE CEILINGS SHALL BE PROVIDED FOR OPERATION AND MAINTENANCE OF ALL BOXES, COILS, VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. PROVIDE MINIMUM 24"x24" CEILING ACCESS PANEL FOR VAV BOXES AND 12"x12" FOR DAMPERS. COORDINATE EXACT PLACEMENT OF ACCESS PANELS AND EQUIPMENT SO THAT REASONABLE MAINTENANCE SPACE IS AVAILABLE. NO ACCESS PANELS SHALL BE PROVIDED IN SECURE AREAS.

INSTALLATION OF ALL EQUIPMENT AND SYSTEMS SHALL BE IN ACCORDANCE WITH STANDARD DETAILS, SECTIONS, AND ELEVATIONS SHOWN ON THE DRAWINGS.

CONTRACTOR SHALL MAINTAIN A CLEAR SERVICE AREA AROUND ALL EQUIPMENT FOR MAINTENANCE SUCH AS, FILTER REMOVAL, MOTOR AND DRIVE ADJUSTMENTS, COIL AND TUBE CLEANING OR REMOVAL.

PROVIDE ALL DRAIN PIPING FROM MECHANICAL EQUIPMENT WITH 2" AIR GAP CONNECTION AT WASTE PIPE, FLOOR DRAIN, OR ETC.

B. DUCTWORK

ALL DUCT RUNOUTS TO DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES SHALL BE COMPLETE WITH MANUAL VOLUME DAMPERS UNLESS NOTED OTHERWISE. LOCATE DAMPERS SO THEY ARE ACCESSIBLE FROM LAY-IN CEILING, OR ACCESS PANEL.

DUCT TRANSITIONS SHALL BE PROVIDED AS REQUIRED FROM ALL EQUIPMENT CONNECTIONS TO DUCT SIZES INDICATED ON DRAWINGS.

PROVIDE EASED INLET RECTANGULAR TO ROUND TAPS AT DUCT TAPS IF ROUND DUCT SIZE IS TOO LARGE FOR BELL MOUTH TAP TO TRUNK DUCT.

ALL EXTERIOR OPENINGS (INTAKE AND EXHAUST DUCTS, LOUVERS, FANS, ETC.) SHALL BE PROVIDED WITH BIRD SCREENING WHICH SHALL BE EASILY REMOVED FOR CLEANING AND ACCESS TO EQUIPMENT.

ALL DUCT SIZES INDICATE OUTSIDE DIMENSIONS OF SHEET METAL. NO ALLOWANCE FOR INSULATION IS SHOWN ON DRAWINGS.

PROVIDE HEMMED EDGES OVER RAW ENDS OF INSULATION AND SEAL WITH MASTIC FOR ALL LINED RETURN AIR DUCTS STUBBED INTO RETURN AIR PLENUMS.

ALL DUCT PLENUMS AND DUCTS (MINIMUM OF 5'-0" FROM LOUVER) CONNECTED TO EXTERIOR LOUVERS SHALL HAVE LIQUID TIGHT SEAMS AND LIQUID TIGHT CONNECTION TO LOUVER. SLOPE DOWN TO LOUVER AND ATTACH SO WATER WILL DRAIN TO OUTSIDE. PROVIDE 24"x24" (OR EQUIVALENT) ACCESS DOOR AT LOUVER IN EASILY ACCESSIBLE LOCATION FOR ACCESS TO LOUVER PLENUM AND LOUVER.

ALL RECTANGULAR DUCT SHALL BE GALVANIZED SHEET METAL WITH 2" EXTERIOR DUCT WRAP FIBERGLASS INSULATION. SEAL ALL DUCT JOINTS AND INSULATION JOINTS AIRTIGHT WITH WATER BASED MASTIC.

ALL ROUND BRANCH DUCTS SHALL BE GALVANIZED SHEET METAL WITH SAME INSULATION AS ABOVE. FLEXIBLE DUCTS OF NO MORE THAN 6 FEET MAY BE USED FOR DEVICE CONNECTIONS. ALL BRANCH DUCTS MUST HAVE STARTING COLLARS WITH INTEGRAL BALANCING DAMPERS.

SUPPORT ALL DUCT ACCORDING TO THE INTERNATIONAL MECHANICAL CODE AND SMACNA.

C. EQUIPMENT INSTALLATION

SAFE-OFF AIRTIGHT AROUND ALL COILS, SOUND TRAPS, FILTERS, ETC. WITH 16 GAGE GALVANIZED SHEET METAL SET IN NON-HARDENING FIRE RETARDANT MASTIC.

D. EXISTING

CONTRACTOR TO COORDINATE ALL DEMOLITION WORK WITH THE OWNER AND PERFORM AS SCHEDULED AT OWNERS CONVENIENCE.

COORDINATE ALL PATCHING, PAINTING, EXCAVATING, CUTTING, ETC. WITH GENERAL CONTRACTOR.

NO SYSTEM WILL BE DISCONNECTED OR TAKEN OUT OF SERVICE WITHOUT PRIOR WRITTEN APPROVAL. SUBMIT ALL REQUESTS FOR UTILITY OUTAGES AND CONNECTIONS TO THE ENGINEER WITH A WRITTEN DESCRIPTION OF THE WORK INVOLVED, UTILITY TO BE INTERRUPTED, DURATION OF INTERRUPTION, TIME AND DATE REQUESTED. THIS WORK WILL BE REVIEWED BY THE ENGINEER AND RECOMMENDATION WILL BE MADE TO THE OWNER AS TO THE READINESS OF THE CONTRACTOR TO PERFORM THE WORK.

CONTRACTOR TO BE FAMILAR WITH OWNER'S INTERIM LIFE SAFELY AND INFECTION CONTROL POLICIES.

REQUIRED WORK SHOWN ON THESE DRAWINGS HAS BEEN TAKEN FROM THE OWNER'S ORIGINAL CONSTRUCTION DRAWINGS AND FROM LIMITED SITE SURVEY BY THE ENGINEER. THIS INFORMATION IS BELIEVED TO BE TRUE AND ACCURATE. THE CONTRACTOR IS ENCOURAGED TO FIELD VERIFY ANY AND ALL EXISTING SITUATIONS INCLUDING EXISTING UTILITIES AND STRUCTURE INTERFERENCES BEFORE SUBMITTING HIS BID. AND DURING THE COORDINATION AND PLANNING OF HIS WORK. THE CONTRACTOR WILL BE EXPECTED TO MAKE MINOR MODIFICATIONS TO THE WORK SHOWN IN ORDER TO MEET THE INTENT OF THE DESIGN. SOME EXISTING PIPE, CONDUIT, AND DUCT MAY REQUIRE RELOCATION IN THIS PROJECT.



GENERAL NOTES

GENERAL NOTES:

- G1

ALL PLUMBING WORK MUST BE INSTALLED PER THE INTERNATIONAL PLUMBING CODE, 2018 ED, INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL FUEL GAS CODE (IFGC), NFPA 13, LATEST EDITIONS, AND ALL REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- G2

PROVIDE AND INSTALL UL LISTED FIRE STOP COLLARS AND FIRE CAULK ALL PLUMBING PENETRATIONS AT RATED WALL AND FLOOR ASSEMBLIES.
- G3

NOTIFY THE ENGINEER 48 HOURS BEFORE THE WASTE AND VENT PIPING SYSTEM WILL BE PRESSURE TESTED ACCORDING TO 2018 INTERNATIONAL PLUMBING CODE.
- G4

NOTIFY THE ENGINEER 48 HOURS BEFORE ANY PIPING ABOVE THE SLAB IN THE WALLS OR CEILINGS IS COVERED. FAILURE TO NOTIFY ENGINEER FOR INSPECTION WILL CAUSE ALL PIPING TO BE UNCOVERED AND PRESSURE TESTED IN THE PRESENCE OF THE ENGINEER.
- G5

NOTIFY THE ENGINEER 48 HOURS BEFORE ANY BELOW GRADE PIPING IS COVERED. FAILURE TO NOTIFY ENGINEER FOR INSPECTION WILL CAUSE ALL PIPING TO BE UNCOVERED AND PRESSURE TESTED IN THE PRESENCE OF THE ENGINEER.
- G6

NOTIFY THE ENGINEER 48 HOURS BEFORE THE DOMESTIC WATER PIPING IS PRESSURE TESTED. SYSTEMS TO BE PRESSURE TESTED ACCORDING TO IPC.
- G7

ALL BELOW GRADE SANITARY SEWER WASTE AND VENT PIPING TO BE SCHEDULE 80 PVC WITH SOLVENT WELD JOINTS. ALL ABOVE GRADE WASTE AND VENT TO BE SCHEDULE 40 PVC WITH SOLVENT JOINTS. INSTALL PIPING, JOINTS, AND FITTINGS PER MANUFACTURER'S RECOMMENDATIONS. WASTE PIPING SHOWN ON THIS DRAWING IS ROUTED BELOW THE FLOOR AND INSIDE THE WALLS TO FIXTURE ROUGH IN LOCATIONS.
- G8

ALL VENT PIPING SHOWN IS IN THE WALL AND ABOVE CEILING EXCEPT WHERE OTHERWISE NOTED.
- G9

ALL BELOW GRADE PIPE TRENCHES SHALL BE BACKFILLED WITH SELECT SANDY CLAY MATERIAL, AND STAMPED TO PROVIDE CONTINUOUS PIPE SUPPORT. SLOPE AND SUPPORT ALL PIPING ACCORDING TO THE INTERNATIONAL PLUMBING CODE.
- G10

SLOPE AND SUPPORT ALL PIPING ACCORDING TO THE 2018 INTERNATIONAL PLUMBING CODE.
- G11

ALL WASTE PIPING TO BE SLOPED AT 1/8" OR 1/4" PER FOOT AS REQUIRED FOR THE PIPE SIZE IN CONFORMANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE.
- G12

ALL PLUMBING ON THIS PROJECT WILL BE CONCEALED BELOW FLOOR, ABOVE CEILING, IN WALL, IN CHASE, OR ELSE AS PER ENGINEER.
- G13

COORDINATE VENT STACK THRU EXTERIOR WALL TO BE MINIMUM 15 FEET FROM ANY FRESH AIR INTAKE.
- G14

ALL FINISHED FLOOR AND FINISHED GRADE CLEANOUTS SHALL FIT FLUSH.
- G15

PIPING TO BE SUPPORTED WITH CLEVIS TYPE HANGERS AT SPACING AS REQUIRED BY THE 2018 IPC. FOR DOMESTIC WATER PIPING, THE HANGERS SHALL BE LARGE ENOUGH FOR THE PIPE AND INSULATION TO PASS THROUGH. INSTALL SHEET METAL SADDLE AT ALL HANGER LOCATIONS AT BOTTOM OF PIPE.
- G16

ROUGH IN PLUMBING CONNECTIONS FOR THE NEW FIXTURES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- G17

CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NEW FLOOR PENETRATIONS FOR NEW SANITARY SEWER ROUGH IN AND FIRE STOPPING ALL WALL, CEILING, AND FLOOR PENETRATIONS OF FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL PLANS FOR WALL RATINGS ON THIS PROJECT. CONTRACTOR TO CONSIDER ALL FLOOR PENETRATIONS AS RATED.
- G18

CONTRACTOR IS RESPONSIBLE FOR ITEMS INCLUDING FIXTURE MOUNTING HEIGHTS, GRAB BARS, FAUCET HANDLES, SEATS, PIPING INSULATION, LAVATORY BARRIERS, AND ELSE REQUIRED TO ENSURE THE ACCESSIBLE FIXTURES ON THIS PROJECT MEET THE REQUIREMENTS OF THE ADA GUIDELINE. CONSULT ENGINEER OR ARCHITECT FOR INFORMATION AS REQUIRED.
- G19

PENETRATIONS THROUGH PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN INTEGRITY OF PARTITION AND FLOOR RATING.
- G20

WASTE PIPING SHOWN IS BELOW THE FLOOR LEVEL. VENT PIPING SHOWN IS ABOVE THE CEILING LEVEL.
- G21

ALL DOMESTIC WATER PIPING ON THIS PROJECT SHALL BE TYPE 'L' COPPER PIPE WITH SOLDERED FITTINGS AND JOINTS. INSTALL 1" PREFORMED FIBERGLASS PIPE INSULATION WITH PAPER JACKETING ON ALL COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. LAP ALL INSULATION JOINTS AND SEAL ALL SEAMS.
- G22

ROUGH IN PLUMBING CONNECTIONS FOR THE NEW FIXTURES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- G23

COORDINATE THE INSTALLATION OF THE ROOF JACKS AND PLUMBING VENTS WITH THE GENERAL CONTRACTOR.
- G24

THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF INSTALLING A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM THAT CONFORMS WITH THE GOVERNING CODES, INCLUDING THE CITY, STATE, HEALTH DEPARTMENT, AND ETC. PROVIDE ALL MATERIAL, LABOR, PARTS, FIXTURES, SUPPORTS, HANGERS, AND ELSE REQUIRED AS SHOWN OR IMPLIED ON THESE DOCUMENTS.
- G25

SUPPORT WATER AND GAS PIPING ABOVE CEILING AND IN WALLS ACCORDING TO THE INTERNATIONAL PLUMBING CODE.
- G26

FLUSH AND CHLORINATE THE DOMESTIC WATER SYSTEM EXACTLY PER THE REQUIREMENTS IN THE INTERNATIONAL PLUMBING CODE. NOTIFY ENGINEER 48 HOURS BEFORE SYSTEM IS CHLORINATED AND SANITIZED.
- G27

FIXTURES, EQUIPMENT, CONNECTIONS, AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES AND REQUIREMENTS.
- G28

FURNISH AND INSTALL SHOCK ARRESTORS IN COLD WATER LINES AT CONNECTIONS TO FLUSH VALVES, QUICK CLOSING VALVES, AND AT ALL HOT AND COLD WATER CONNECTIONS TO FIXTURES.
- G29

CONTRACTOR TO PLAN AND COORDINATE HIS WORK WITH THE ASSOCIATED SYSTEMS LOCATED ABOVE THE CEILING. CONSIDER THE STRUCTURAL AND SPACE LIMITATIONS WHEN COORDINATING WORK.
- G30

PROVIDE BALL TYPE SHUT-OFF VALVES AT EACH HOT AND COLD WATER BRANCH TAP LOCATION. TAG VALVES IN ACCORDANCE WITH CAMPUS STANDARDS.
- G31

ALL UTILITY INTERRUPTIONS MUST BE REQUESTED AND APPROVED IN ADVANCE.
- G32

CONTRACTOR TO ROUTE HOT WATER AND HOT WATER RECIRCULATION PIPING ABOVE THE CEILING AS CLOSE AS POSSIBLE TO THE NEW FIXTURE TO LIMIT LENGTH OF PIPING BETWEEN SUPPLY MAIN AND FIXTURE CONNECTION. THE INTENT IS TO PROVIDE HOT WATER TO FIXTURE USER WITH IN A REASONABLE TIME. FIELD ROUTING REQUIRED.
- G33

NATURAL GAS PIPING TO BE SCHEDULE 40 STEEL WITH THREADED OR WELDED FITTINGS.
- G34

OFFSET WASTE, VENT STACKS, AND SUPPLY PIPING AS REQUIRED TO REMAIN WITHIN WALLS ON THIS PROJECT AND BE CONCEALED.
- G35

CONTRACTOR TO FIELD VERIFY THE LOCATION OF SHUTOFF VALVES OF DOMESTIC WATER SUPPLY PIPING. COORDINATE WITH COR.
- G36

ALL WALLS WITH WASTE PIPING 4" AND LARGER SHALL BE MINIMUM OF 6" INSIDE CLEAR. COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL PLANS.
- G37

CONTRACTOR TO PROVIDE AND INSTALL FIRE STOP SYSTEM AT ALL PLUMBING PENETRATIONS OF FLOOR TO FLOOR SLABS.
- G38

THE MODIFICATIONS SHOWN ON THIS DRAWING ARE BASED ON THE INSTALLATION SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS. THE CONTRACTOR SHOULD EXPECT TO FIND THAT SOME OF THE PLUMBING SYSTEM SHOWN WILL NOT BE EXACTLY AS IT IS INSTALLED. THE CONTRACTOR SHOULD FIELD VERIFY HIS WORK IN ADVANCE, AND MAY SCHEDULE A SITE VISIT BEFORE SUBMITTING ANY BID TO PERFORM THIS WORK. THE CONTRACTOR IS EXPECTED TO MAKE MINOR NECESSARY MODIFICATIONS WITHIN THE SCOPE OF THIS PROJECT AND WITHIN THE RENOVATION LIMITS TO THE EXISTING SYSTEMS WITHOUT ADDITIONAL COST TO THE OWNER.

Mercy House Womens Campus



Construction Documents

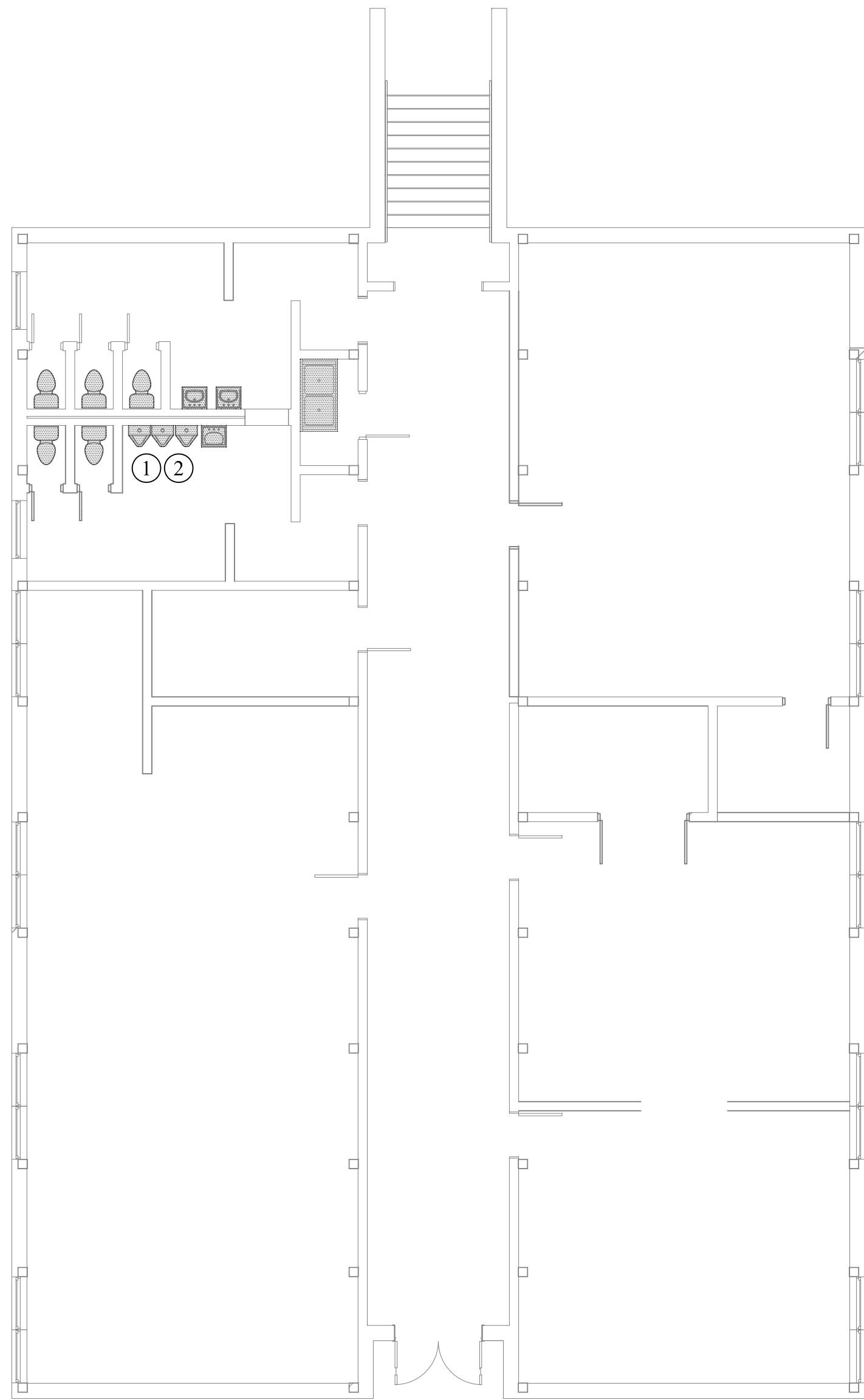
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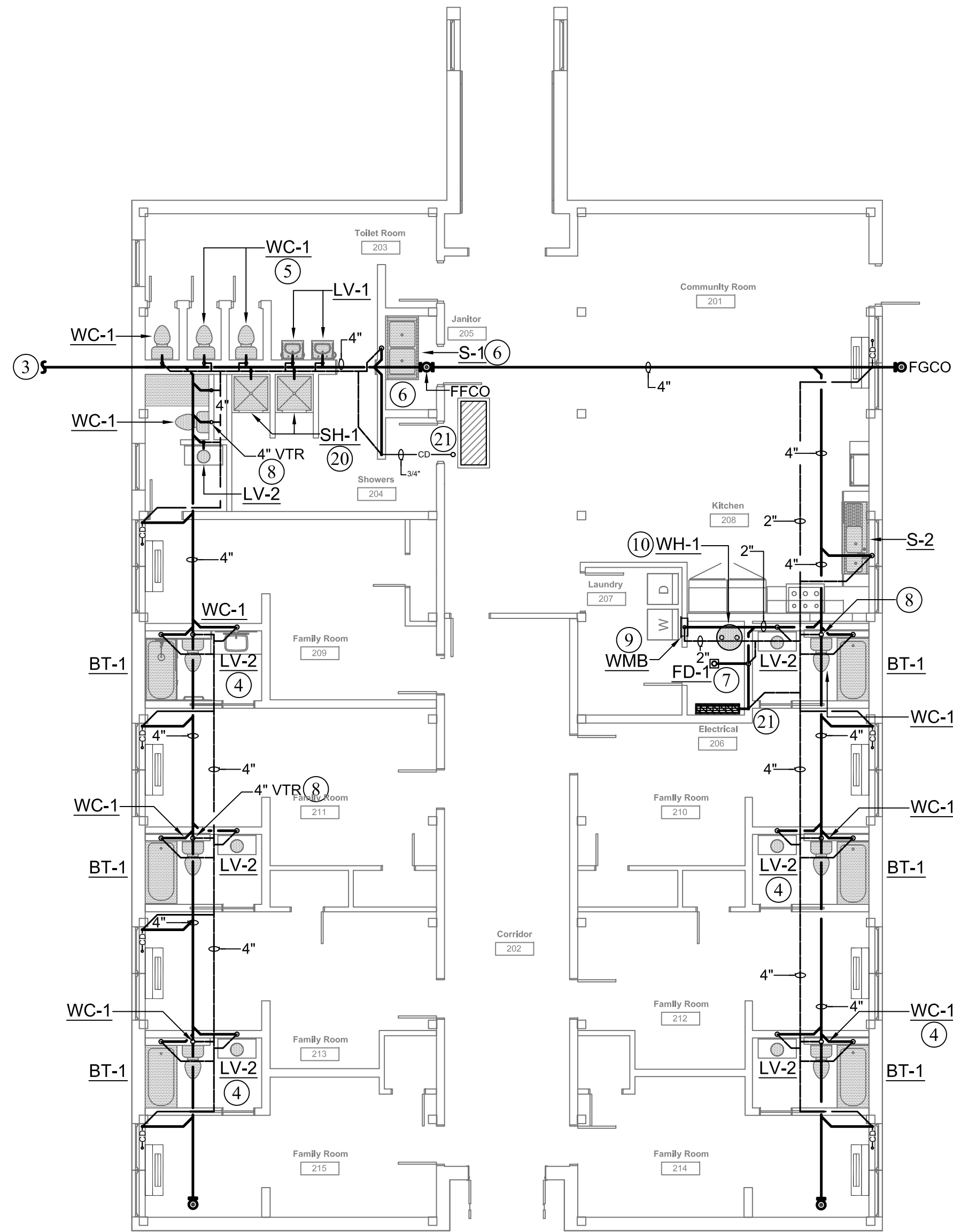
Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Leamed, MS 39154

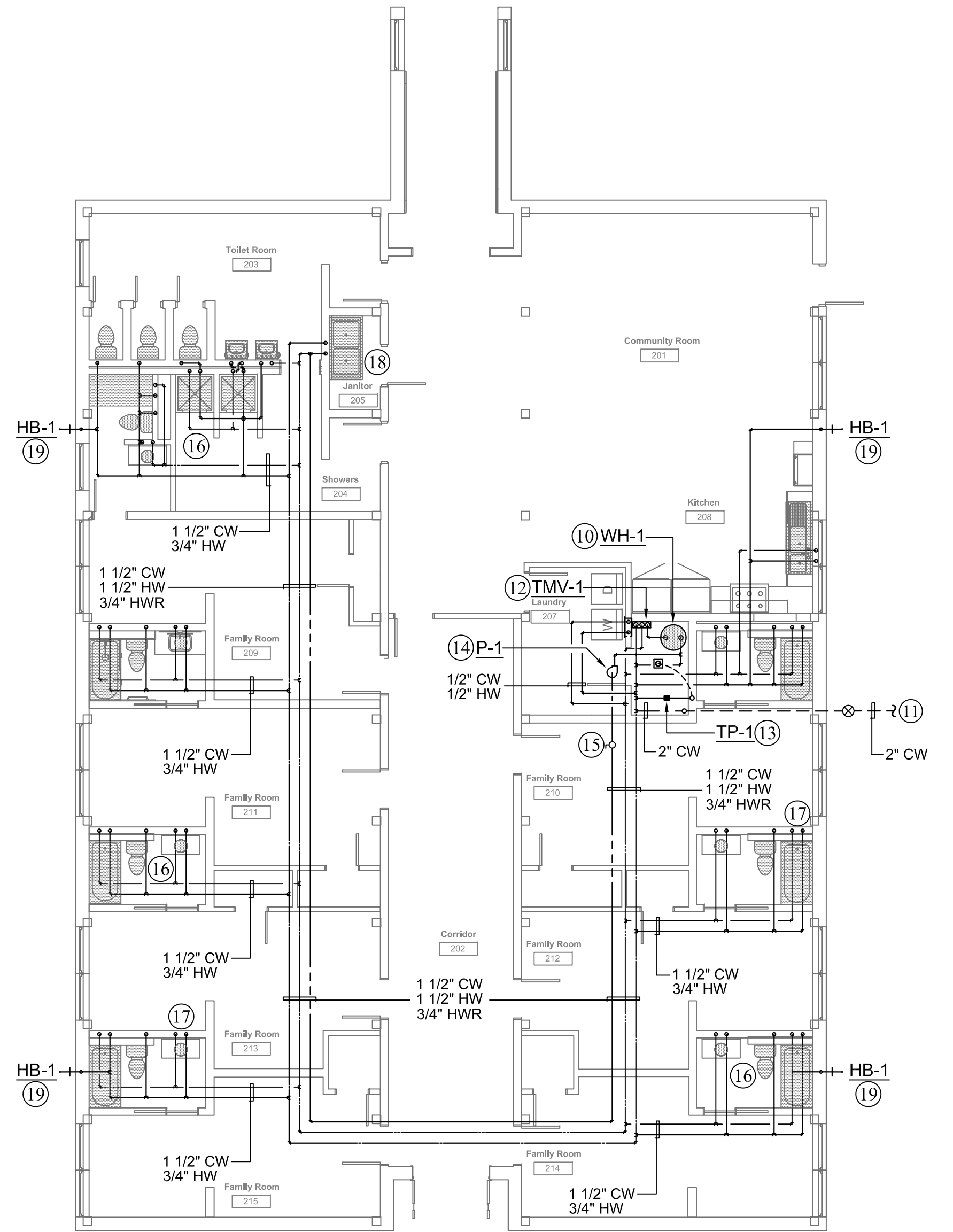
Existing Remodel



 **FLOOR PLAN BUILDING "B" - PLUMBING - DEMOLITION**
SCALE: 1/8" = 1' - 0"



 **FLOOR PLAN BUILDING "B" - PLUMBING WASTE - NEW WORK**
SCALE: 1/8" = 1' - 0"



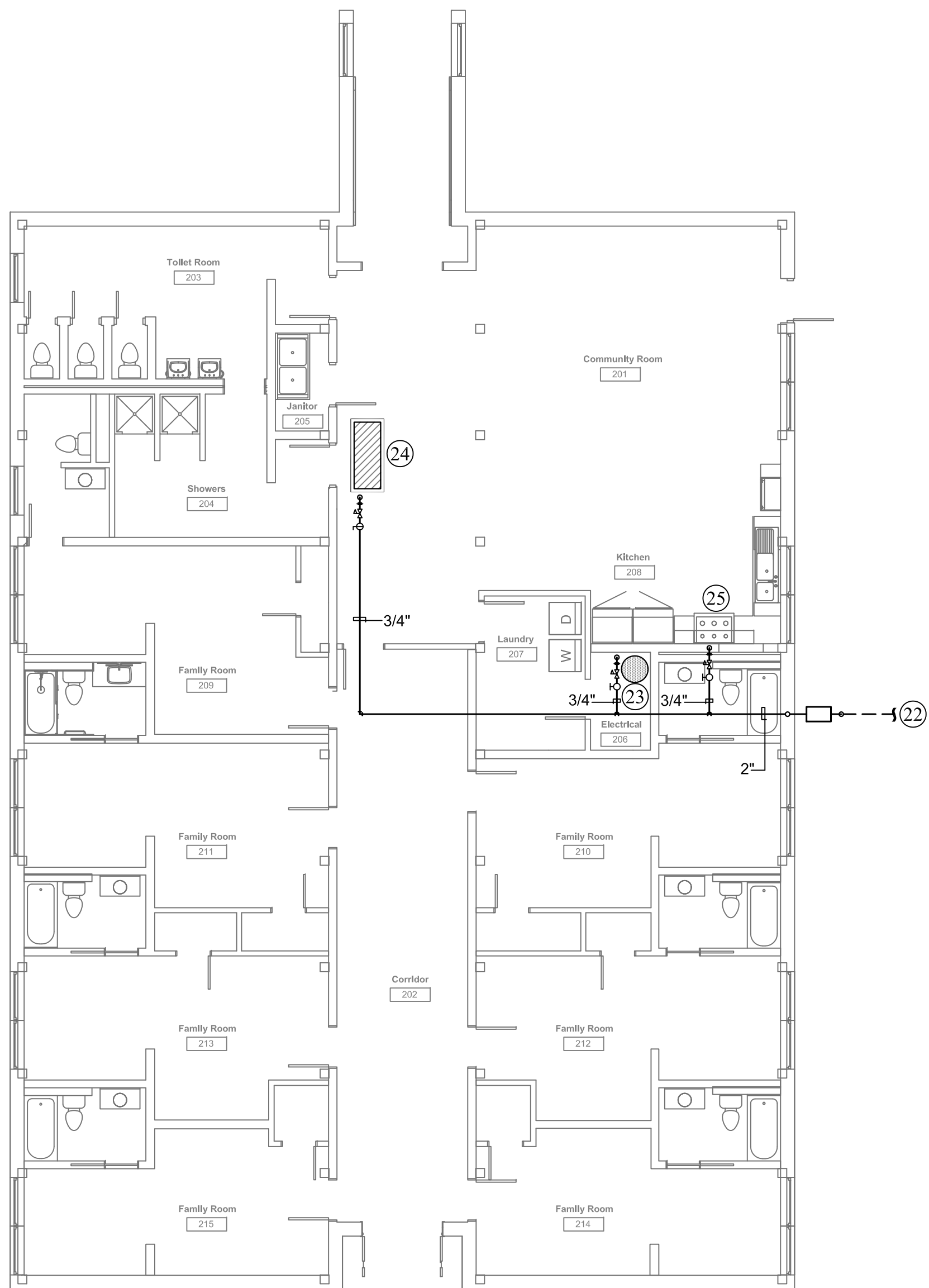
 **FLOOR PLAN BUILDING "B" - PLUMBING SUPPLY - NEW WORK**
SCALE: 1/8" = 1' - 0"

NUMBERED NOTES:

- ① CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING PLUMBING FIXTURE MARKED WITH HATCHING ACROSS FIXTURE. DISCONNECT FIXTURE AND REMOVE ASSOCIATED WASTE, VENT, AND SUPPLY BRANCH PIPING THAT IS NOT REQUIRED FOR NEW FIXTURES ABOVE THE CEILING, IN THE WALL, AND BELOW THE FLOOR BACK TO NEAREST MAIN. FIELD VERIFY EXISTING PLUMBING AS REQUIRED. TYPICAL.
- ② CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING DOMESTIC WATER SUPPLY PIPING BACK TO MAIN AND CAP. TEMPORARILY VALVE OFF BRANCH DOMESTIC WATER SUPPLY PIPING FOR MODIFICATIONS FOR NEW FIXTURES. INSTALLATION OF NEW BRANCH SHUTOFF VALVE MAY BE REQUIRED. USE SOLDERED CAP TO TERMINATE THE ABANDONED PIPE NO FURTHER THAN TWICE DIAMETER OF BRANCH PIPE THAT IS NO LONGER USED IN THIS RENOVATION. FIELD VERIFY EXISTING PLUMBING PIPING AND VALVES. TYPICAL ALL FIXTURES.
- ③ ROUTE SANITARY WASTE PIPING BELOW GRADE TO APPROVED POINT OF CONNECTION ON PUBLIC SANITARY SEWER SYSTEM. PLUMBING CONTRACTOR RESPONSIBLE FOR INSTALLING COMPLETE PLUMBING SYSTEM AS SHOWN TO A POINT APPROXIMATELY FIVE FEET FROM THE BUILDING FOUNDATION. PLUMBING CONTRACTOR TO COORDINATE IN ADVANCE WITH THE SITE CONTRACTOR IN REGARD TO ALL UTILITY CONNECTION POINTS. FIELD VERIFY THE INVERT ELEVATION OF THE EXISTING SYSTEM AND ROUTE NEW PIPING ACCORDINGLY. SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION AND COORDINATE WITH UTILITY PROVIDER THE CONNECTION POINT TO PUBLIC SANITARY SEWER. INSTALL FINISH GRADE CLEANOUTS AT EACH CHANGE OF DIRECTION AND EVERY 75 FEET ALONG ROUTE AS REQUIRED.
- ④ ROUTE WASTE PIPING BELOW GRADE TO SERVE PLUMBING FIXTURES. ROUGH IN 4" WASTE BRANCH PIPING TO TOILETS AND 2" WASTE BRANCH PIPING TO SINKS. CONTINUE PLUMBING VENT PIPING FROM EACH FIXTURE TO ABOVE THE CEILING AND CONNECT TO VENT PIPING THROUGH THE ROOF.
- ⑤ PROVIDE AND INSTALL PLUMBING FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE SUPPORTS, MOUNTS, AND CONNECT PER MANUFACTURER'S RECOMMENDATION.
- ⑥ ROUGH-IN 3" WASTE PIPING TO NEW SERVICE SINK. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. CONTINUE PLUMBING VENT PIPING UP TO ABOVE THE CEILING AND CONNECT TO VENT PIPING THRU THE ROOF.
- ⑦ PROVIDE AND INSTALL NEW FLOOR DRAIN WITH TRAP PRIMER. ROUTE 1/2" SUPPLY TUBE FROM PRIMER CONNECTION UP IN WALL TO ABOVE THE CEILING. INSTALL TRAP PRIMING DEVICE AND CONNECT 1/2" COLD WATER SUPPLY.
- ⑧ ROUTE VENT PIPING UP THROUGH GALVANIZED ROOF JACK FLASHING AND TERMINATE 12" ABOVE ROOF LEVEL. COORDINATE WITH ARCHITECTURAL.
- ⑨ PROVIDE AND INSTALL RECESSED WASHING MACHINE BOX WITH 2" WASTE DRAIN CONNECTION, HOT AND COLD WATER SUPPLY VALVES FOR CONNECTION TO DOMESTIC WASHING MACHINES. TYPICAL.
- ⑩ PROVIDE DIRECT VENT TYPE GAS WATER HEATER AT LOCATION SHOWN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. PROVIDE DIRECT VENT TYPE VENT KIT FOR INTAKE/ EXHAUST PIPING. SEE APPLIANCE DETAIL FOR ADDITIONAL REQUIREMENTS. ROUTE GAS SUPPLY PIPING TO GAS WATER HEATER. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. PROVIDE AND INSTALL REQUIRED SHUT-OFF VALVES, PRESSURE RELIEF, EXPANSION TANK, DIRT LEG, GAS COCK, AND UNIONS PER MANUFACTURER'S RECOMMENDATIONS. ROUTE NATURAL GAS PIPING ABOVE CEILING LEVEL AND DOWN ALONG WALL TO WATER HEATER CONNECTION. SUPPORT PIPING ALONG WALL AND AS HIGH AS POSSIBLE TO THE CEILING. COORDINATE POWER OUTLET WITH ELECTRICAL CONTRACTOR. SEE DETAIL.
- ⑪ CONTRACTOR TO INSTALL DOMESTIC WATER SUPPLY FROM THE THE PUBLIC UTILITY PROVIDER TO THE BUILDING INTERIOR AS REQUIRED. CONTRACTOR TO COORDINATE WATER METER AND BACKFLOW PREVENTER NEAR THE PROPERTY LINE. ROUTE PIPING BELOW GRADE THROUGH THE FOUNDATION AND TURN UP PIPING THROUGH THE SLAB TO CEILING LEVEL. SLEEVE PIPING THROUGH FOUNDATION AND SLAB. INSTALL BALL-TYPE SHUTOFF VALVE AT 4 FEET ABOVE THE FLOOR ON RISER. CONTINUE DISTRIBUTION PIPING TO SERVE PLUMBING FIXTURES AND APPLIANCES. SUPPORT PIPING FROM STRUCTURE.
- ⑫ PROVIDE THERMOSTATIC MIXING VALVE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. SEE DETAIL.
- ⑬ PROVIDE AND INSTALL TRAP PRIMER DEVICE ABOVE THE CEILING. ROUTE 1/2" COLD WATER PIPING TO DEVICE INLET. FROM DEVICE PIPE OUTLET ROUTE 1/2" SUPPLY TUBING DOWN IN WALL AND BELOW SLAB TO FLOOR DRAIN PRIMING CONNECTION. PROVIDE DISTRIBUTION AS REQUIRED. TYPICAL.
- ⑭ INSTALL HOT WATER RECIRCULATION PUMP PER MANUFACTURER'S RECOMMENDATION. PROVIDE TIMER AND AQUASTAT CONTROLS TO OPERATE PUMP WHEN BUILDING IS OCCUPIED AND AS NECESSARY.
- ⑮ CONTRACTOR SHALL PROVIDE AND INSTALL BALL TYPE FULL PORT FLOW BALANCING VALVE AND CIRCUIT SETTER IN HOT WATER CIRCULATING PIPING ABOVE CEILING APPROXIMATELY THIS LOCATION.

NUMBERED NOTES CONTINUED:

- ⑯ ROUTE 1/2" COLD WATER SUPPLY TO EACH WATER CLOSET, 1/2" HOT AND 1/2" COLD WATER SUPPLY DOWN IN WALL AND CONNECT TO EACH SINK OR LAVATORY. INSTALL FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL.
- ⑰ ROUTE 1/2" HOT AND 1/2" COLD WATER SUPPLY DOWN IN WALL BEHIND FIXTURE. INSTALL FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL.
- ⑱ ROUTE 1/2" HOT AND 1/2" COLD WATER SUPPLY TO MOP SINK FAUCET SET PER MANUFACTURER'S INSTRUCTIONS.
- ⑲ ROUTE 3/4" COLD WATER DOWN IN WALL TO FREEZELESS HOSE BIBB. CONNECT PER MANUFACTURERS RECOMMENDATIONS.
- ⑳ ROUGH-IN 1/2" HOT AND 1/2" COLD PIPING TO SHOWER MIXING VALVE PER MANUFACTURER'S INSTRUCTIONS. INSTALL MIXING VALVE, DIVERTER VALVE, WALL MOUNTED SHOWER HEAD, HAND HELD SHOWER OUTLET/ BREAK AWAY HOSE AND WAND. INSTALL SHOWER DRAIN PER MANUFACTURER'S REQUIREMENTS. PROVIDE ANY OFFSETS, FITTINGS, MODIFICATIONS, AND ELSE REQUIRED TO CONNECT TO NEW FIXTURE. REVIEW ARCHITECT'S DETAILS FOR SHOWER PAN AND WALL REQUIREMENTS. SEE PLUMBING SCHEDULE FOR DRAIN AND FAUCET TRIM. TYPICAL.
- ㉑ ROUTE 3/4" PVC INSULATED CONDENSATE PIPING (VERIFY WITH MANUFACTURER ON FINAL SIZE) FROM ASSOCIATED AHUs. SLOPE PIPING 1/4" PER FOOT TOWARD NEAREST 2" WASTE PIPING CONNECTION. CONNECT CONDENSATE PIPING ABOVE FIXTURE TRAP FOR AN APPROVED AIR GAP/AIR BREAK. MECHANICAL CONTRACTOR RESPONSIBLE FOR PROVIDING ALL PIPING CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. SEE CONDENSATE DRAIN DETAIL.
- ㉒ ROUTE NEW NATURAL GAS PIPING UNDERGROUND FROM EXISTING PIPING LOCATED AT HIGHWAY AND CONTINUE TO SPECIFIED LOCATION. COORDINATE WITH CIVIL SITE PLAN AND OTHER UTILITIES AS REQUIRED. PROVIDE AND INSTALL NATURAL GAS METER, SHUTOFF VALVE, AND REGULATOR AS REQUIRED. CONSULT LOCAL UTILITY PROVIDER FOR SPECIFIC REQUIREMENTS. SIZE REGULATOR FOR INDICATED CFH @ 2 PSI PRESSURE (VERIFY WITH FINAL APPROVED EQUIPMENT). CONTINUE NATURAL GAS PIPING FROM METER AND ROUTE AS SHOWN. SLEEVE PIPE THROUGH EXTERIOR WALL AND SEAL ANNULAR VOID. RISE UP TO ABOVE CEILING LEVEL AND ROUTE AS SHOWN. PROVIDE DIRT LEG, UNION, AND PRESSURE REGULATOR AT EACH APPLIANCE. REDUCE THE NATURAL GAS PRESSURE TO THE APPLIANCE RATED PRESSURE REQUIREMENTS. SEE MANUFACTURER APPLIANCE INSTALLATION MANUAL FOR THE NATURAL GAS PRESSURE RATING AND APPLIANCE INSTALLATION INSTRUCTIONS. PROVIDE THREADED FITTINGS FOR 2-1/2" AND SMALLER PIPE. SLEEVES REQUIRED FOR ALL WALL AND FLOOR PENETRATIONS. SEAL AIR AND WATER TIGHT TO PREVENT WATER INTRUSION.
- ㉓ PROVIDE DIRECT VENT TYPE GAS WATER HEATER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE DIRECT VENT TYPE VENT KIT FOR INTAKE/ EXHAUST PIPING. SEE APPLIANCE DETAIL FOR ADDITIONAL REQUIREMENTS. ROUTE 1" GAS SUPPLY PIPING TO GAS WATER HEATER (OR PER MANUFACTURER). PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. PROVIDE AND INSTALL REQUIRED SHUT-OFF VALVES, PRESSURE RELIEF, EXPANSION TANK, DIRT LEG, GAS COCK, AND UNIONS PER MANUFACTURER'S RECOMMENDATIONS. ROUTE NATURAL GAS PIPING ABOVE CEILING LEVEL AND DOWN ALONG WALL TO WATER HEATER CONNECTION. SUPPORT PIPING ALONG WALL AND AS HIGH AS POSSIBLE TO THE CEILING. COORDINATE POWER OUTLET WITH ELECTRICAL CONTRACTOR. SEE DETAIL.
- ㉔ ROUTE 3/4" GAS SUPPLY PIPING TO EACH AIR HANDLER. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES, OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. TYPICAL ALL LOCATIONS.
- ㉕ ROUTE 1 1/2" GAS SUPPLY PIPING TO KITCHEN EQUIPMENT. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES, OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. COORDINATE WITH ENGINEER PRIOR TO INSTALLING FINAL NATURAL GAS PIPING SIZES TO ALLOW FOR VERIFICATION OF FINAL EQUIPMENT SELECTION AND CAPACITY. TYPICAL ALL LOCATIONS.



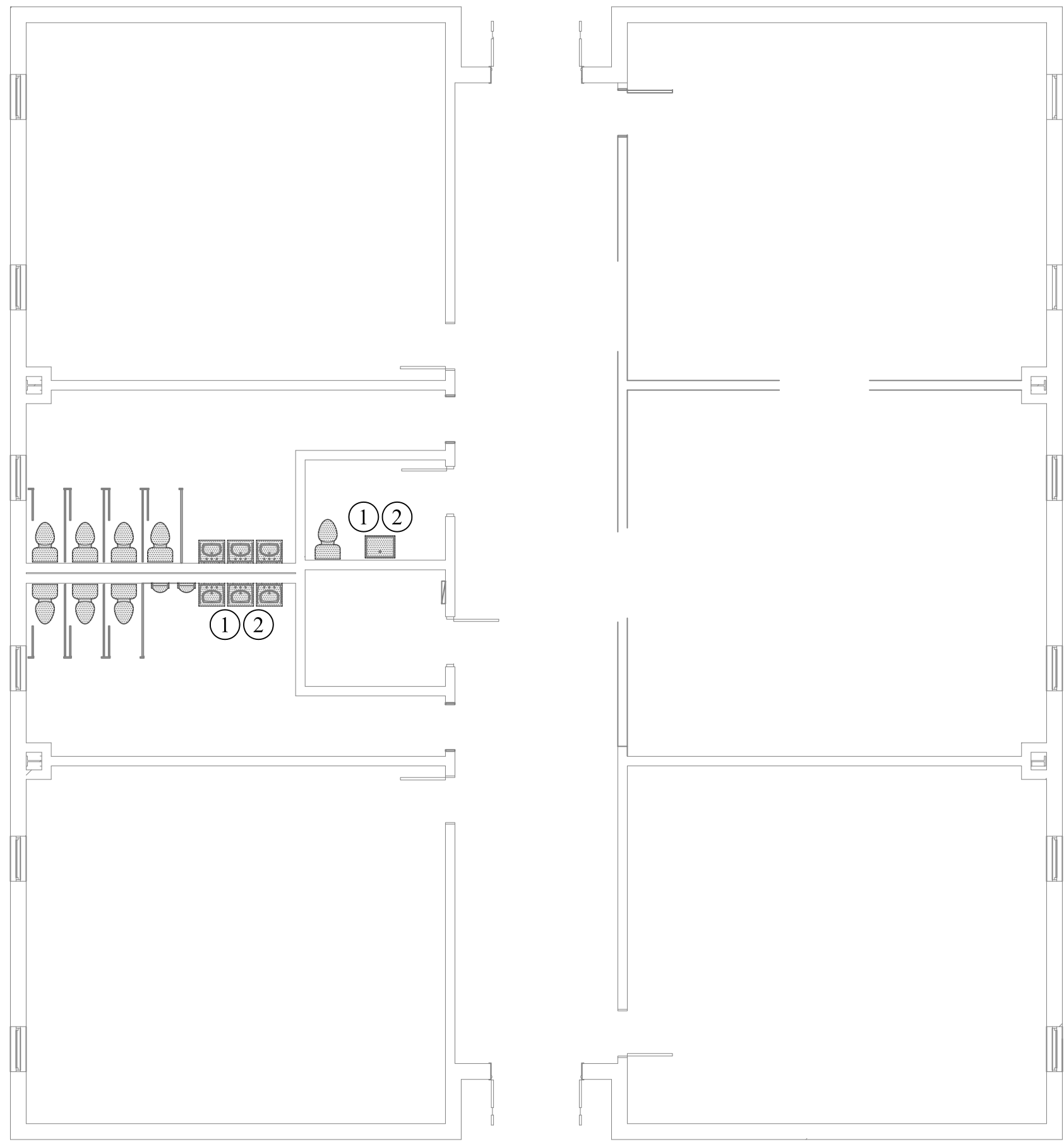
 **FLOOR PLAN BUILDING "B" - NATURAL GAS - NEW WORK**
SCALE: 1/8" = 1' - 0"

 **FLOOR PLAN BUILDING "B" - PLUMBING**
SCALE: 1/8" = 1' - 0"

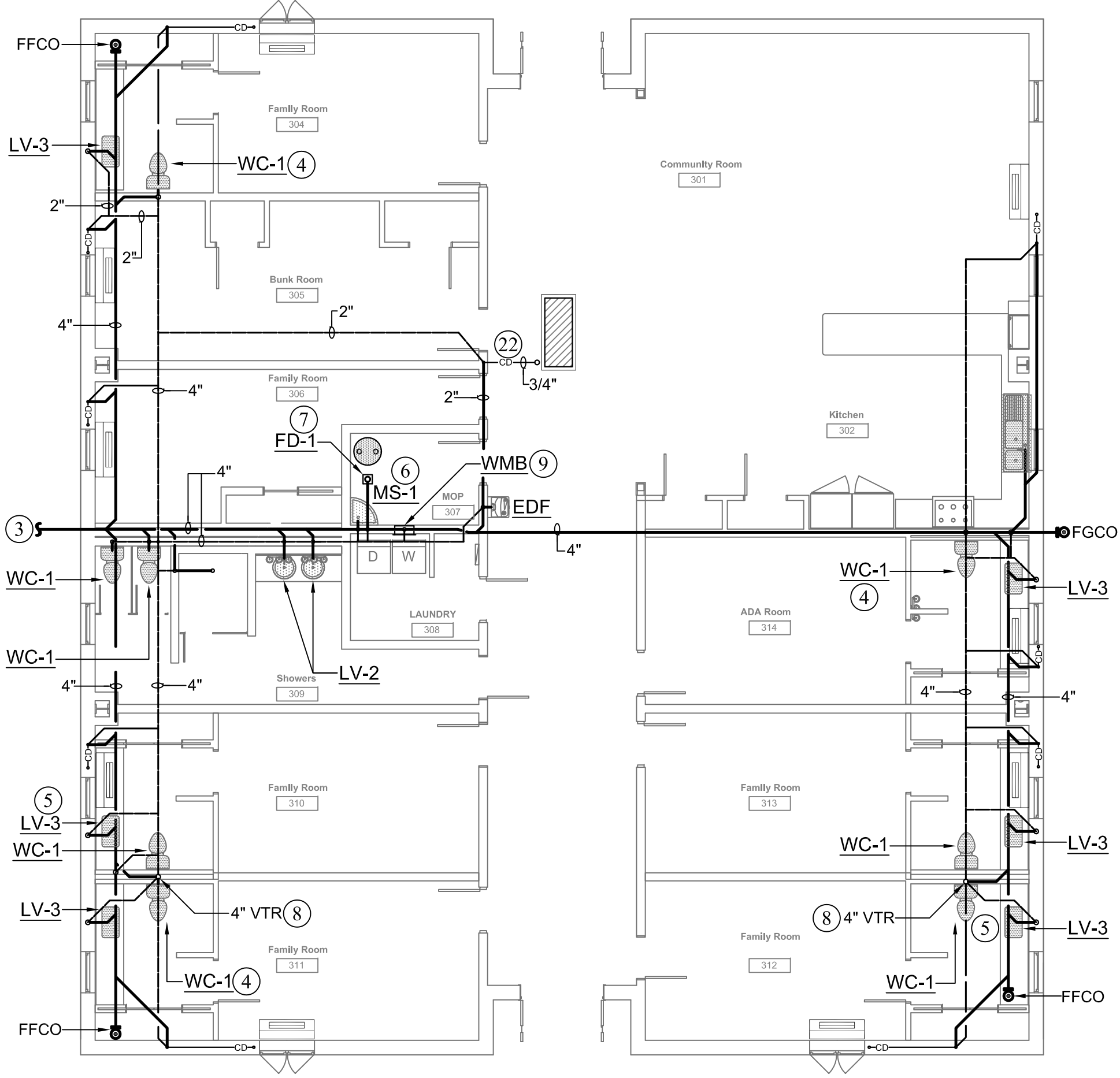


Construction Documents

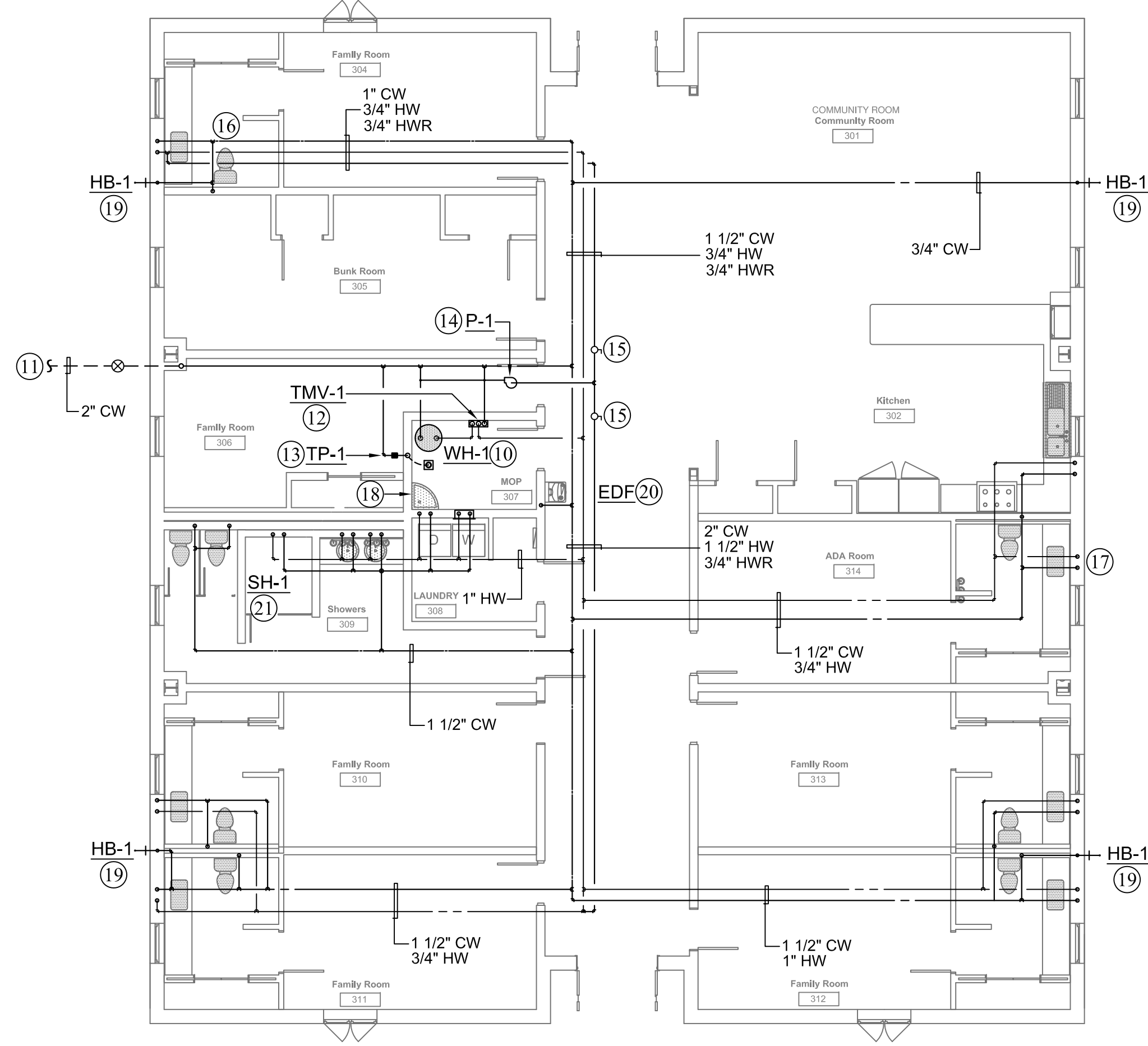
Revision	Rev Date



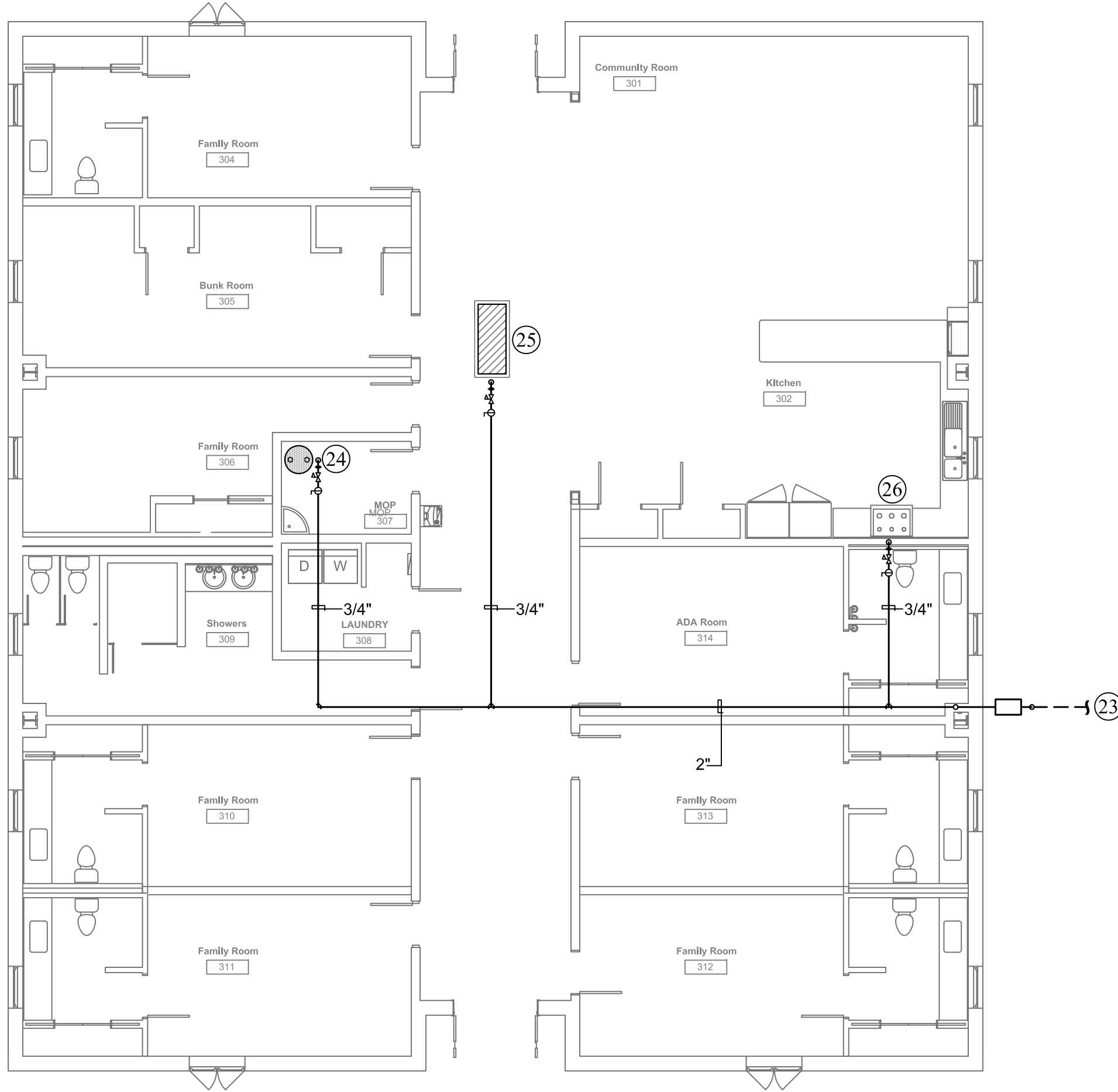
FLOOR PLAN BUILDING "C" - PLUMBING - DEMOLITION
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "C" - PLUMBING WASTE - NEW WORK
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "C" - PLUMBING SUPPLY - NEW WORK
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "C" - NATURAL GAS - NEW WORK
SCALE: 1/8" = 1' - 0"

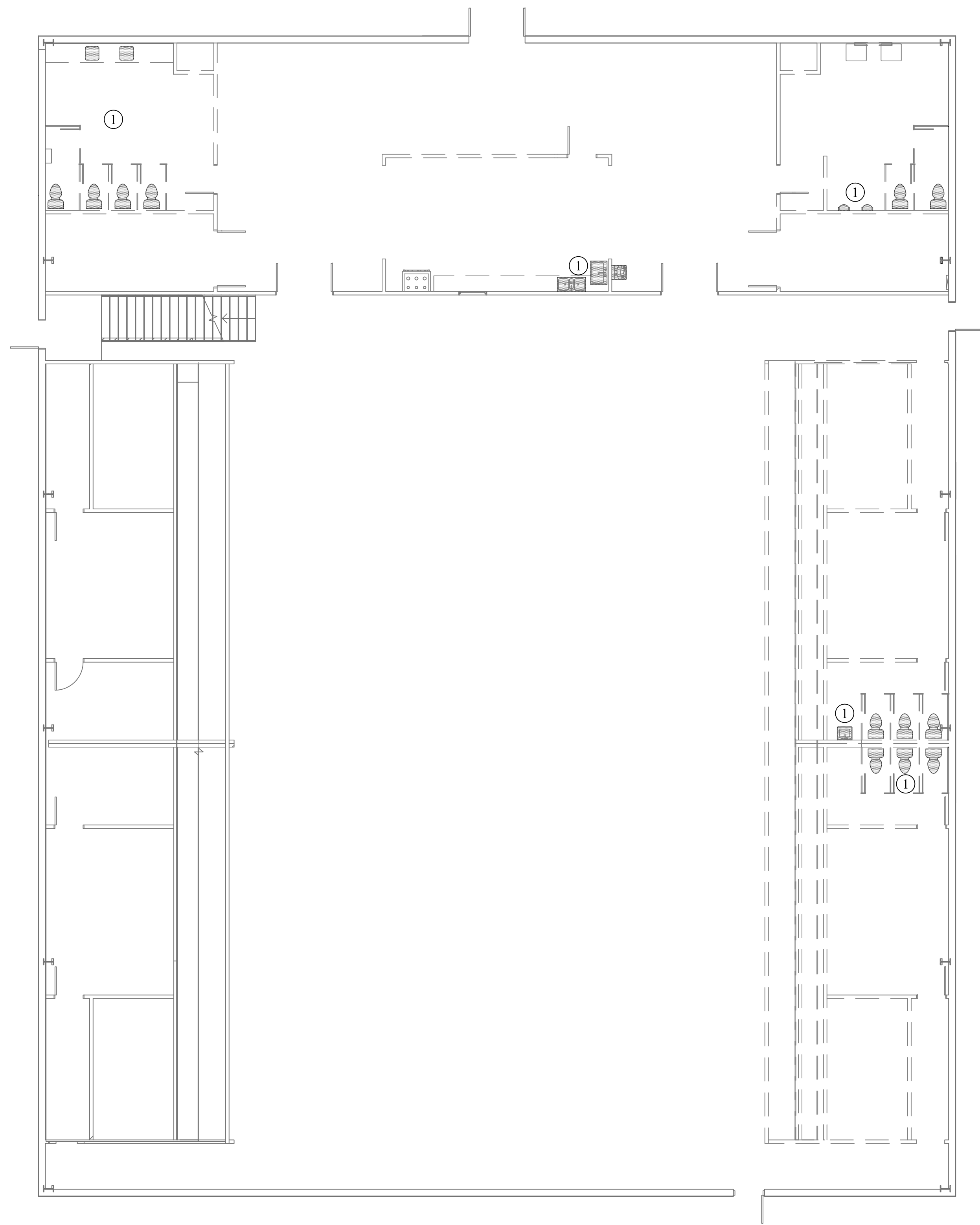
NUMBERED NOTES:

- CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING PLUMBING FIXTURE MARKED WITH HATCHING ACROSS FIXTURE. DISCONNECT FIXTURE AND REMOVE ASSOCIATED WASTE, VENT, AND SUPPLY BRANCH PIPING THAT IS NOT REQUIRED FOR NEW FIXTURES ABOVE THE CEILING, IN THE WALL, AND BELOW THE FLOOR BACK TO NEAREST MAIN. FIELD VERIFY EXISTING PLUMBING AS REQUIRED. TYPICAL.
- CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING DOMESTIC WATER SUPPLY PIPING BACK TO MAIN AND CAP. TEMPORARILY VALVE OFF BRANCH DOMESTIC WATER SUPPLY PIPING FOR MODIFICATIONS FOR NEW FIXTURES. INSTALLATION OF NEW BRANCH SHUTOFF VALVE MAY BE REQUIRED. USE SOLDERED CAP TO TERMINATE THE ABANDONED PIPE NO FURTHER THAN TWICE DIAMETER OF BRANCH PIPE THAT IS NO LONGER USED IN THIS RENOVATION. FIELD VERIFY EXISTING PLUMBING PIPING AND VALVES. TYPICAL ALL FIXTURES.
- ROUTE SANITARY WASTE PIPING BELOW GRADE TO APPROVED POINT OF CONNECTION ON PUBLIC SANITARY SEWER SYSTEM. PLUMBING CONTRACTOR RESPONSIBLE FOR INSTALLING COMPLETE PLUMBING SYSTEM AS SHOWN TO A POINT APPROXIMATELY FIVE FEET FROM THE BUILDING FOUNDATION. PLUMBING CONTRACTOR TO COORDINATE IN ADVANCE WITH THE SITE CONTRACTOR IN REGARD TO ALL UTILITY CONNECTION POINTS. FIELD VERIFY THE INVERT ELEVATION OF THE EXISTING SYSTEM AND ROUTE NEW PIPING ACCORDINGLY. SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION AND COORDINATE WITH UTILITY PROVIDER THE CONNECTION POINT TO PUBLIC SANITARY SEWER. INSTALL FINISH GRADE CLEANOUTS AT EACH CHANGE OF DIRECTION AND EVERY 75 FEET ALONG ROUTE AS REQUIRED.
- ROUTE WASTE PIPING BELOW GRADE TO SERVE PLUMBING FIXTURES. ROUGH IN 4" WASTE BRANCH PIPING TO TOILETS AND 2" WASTE BRANCH PIPING TO SINKS. CONTINUE PLUMBING VENT PIPING FROM EACH FIXTURE TO ABOVE THE CEILING AND CONNECT TO VENT PIPING THROUGH THE ROOF.
- PROVIDE AND INSTALL PLUMBING FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE SUPPORTS, MOUNTS, AND CONNECT PER MANUFACTURER'S RECOMMENDATION.
- ROUGH-IN 3" WASTE PIPING TO NEW SERVICE SINK. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. CONTINUE PLUMBING VENT PIPING UP TO ABOVE THE CEILING AND CONNECT TO VENT PIPING THRU THE ROOF.
- PROVIDE AND INSTALL NEW FLOOR DRAIN WITH TRAP PRIMER. ROUTE 1/2" SUPPLY TUBE FROM PRIMER CONNECTION UP IN WALL TO ABOVE THE CEILING. INSTALL TRAP PRIMING DEVICE AND CONNECT 1/2" COLD WATER SUPPLY.
- ROUTE VENT PIPING UP THROUGH GALVANIZED ROOF JACK FLASHING AND TERMINATE 12" ABOVE ROOF LEVEL. COORDINATE WITH ARCHITECTURAL.
- PROVIDE AND INSTALL RECESSED WASHING MACHINE BOX WITH 2" WASTE DRAIN CONNECTION, HOT AND COLD WATER SUPPLY VALVES FOR CONNECTION TO DOMESTIC WASHING MACHINES. TYPICAL.
- PROVIDE DIRECT VENT TYPE GAS WATER HEATER AT LOCATION SHOWN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. PROVIDE DIRECT VENT TYPE VENT KIT FOR INTAKE/ EXHAUST PIPING. SEE APPLIANCE DETAIL FOR ADDITIONAL REQUIREMENTS. ROUTE GAS SUPPLY PIPING TO GAS WATER HEATER. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. PROVIDE AND INSTALL REQUIRED SHUT-OFF VALVES, PRESSURE RELIEF, EXPANSION TANK, DIRT LEG, GAS COCK, AND UNIONS PER MANUFACTURER'S RECOMMENDATIONS. ROUTE NATURAL GAS PIPING ABOVE CEILING LEVEL AND DOWN ALONG WALL TO WATER HEATER CONNECTION. SUPPORT PIPING ALONG WALL AND AS HIGH AS POSSIBLE TO THE CEILING. COORDINATE POWER OUTLET WITH ELECTRICAL CONTRACTOR. SEE DETAIL.
- CONTRACTOR TO INSTALL DOMESTIC WATER SUPPLY FROM THE PUBLIC UTILITY PROVIDER TO THE BUILDING INTERIOR AS REQUIRED. CONTRACTOR TO COORDINATE WATER METER AND BACKFLOW PREVENTER NEAR THE PROPERTY LINE. ROUTE PIPING BELOW GRADE THROUGH THE FOUNDATION AND TURN UP PIPING THROUGH THE SLAB TO CEILING LEVEL. SLEEVE PIPING THROUGH FOUNDATION AND SLAB. INSTALL BALL-TYPE SHUTOFF VALVE AT 4 FEET ABOVE THE FLOOR ON RISER. CONTINUE DISTRIBUTION PIPING TO SERVE PLUMBING FIXTURES AND APPLIANCES. SUPPORT PIPING FROM STRUCTURE.
- PROVIDE THERMOSTATIC MIXING VALVE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. SEE DETAIL.
- PROVIDE AND INSTALL TRAP PRIMER DEVICE ABOVE THE CEILING. ROUTE 1/2" COLD WATER PIPING TO DEVICE INLET. FROM DEVICE PIPE OUTLET ROUTE 1/2" SUPPLY TUBING DOWN IN WALL AND BELOW SLAB TO FLOOR DRAIN PRIMING CONNECTION. PROVIDE DISTRIBUTION AS REQUIRED. TYPICAL.
- INSTALL HOT WATER RECIRCULATION PUMP PER MANUFACTURER'S RECOMMENDATION. PROVIDE TIMER AND AQUASTAT CONTROLS TO OPERATE PUMP WHEN BUILDING IS OCCUPIED AND AS NECESSARY.
- CONTRACTOR SHALL PROVIDE AND INSTALL BALL TYPE FULL PORT FLOW BALANCING VALVE AND CIRCUIT SETTER IN HOT WATER CIRCULATING PIPING ABOVE CEILING APPROXIMATELY THIS LOCATION.
- ROUTE 1/2" COLD WATER SUPPLY TO EACH WATER CLOSET, 1/2" HOT AND 1/2" COLD WATER SUPPLY DOWN IN WALL AND CONNECT TO EACH SINK OR LAVATORY. INSTALL FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL.

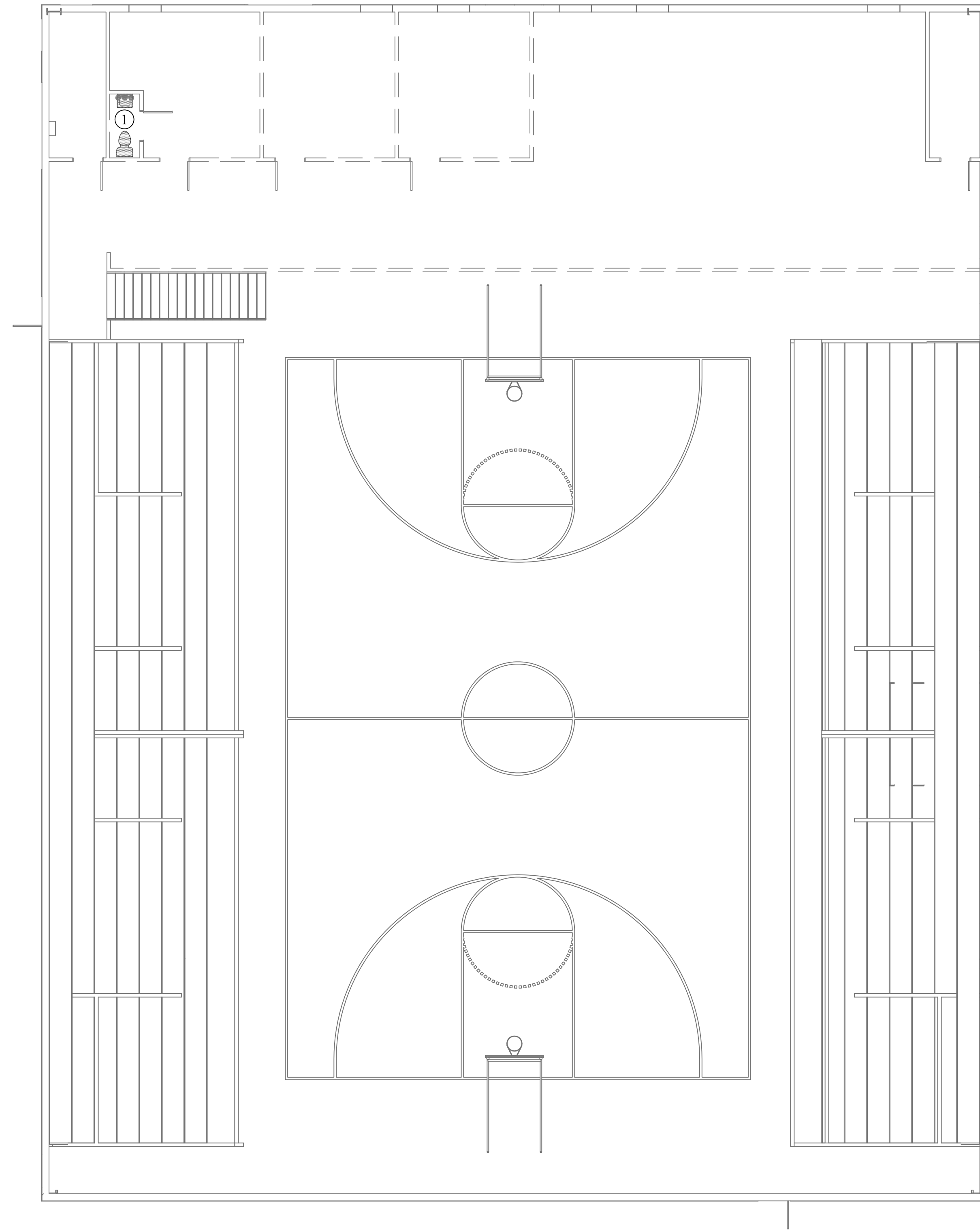
NUMBERED NOTES CONTINUED:

- ROUTE 1/2" HOT AND 1/2" COLD WATER SUPPLY DOWN IN WALL BEHIND FIXTURE. INSTALL FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL.
- ROUTE 1/2" HOT AND 1/2" COLD WATER SUPPLY TO MOP SINK FAUCET SET PER MANUFACTURER'S INSTRUCTIONS.
- ROUTE 3/4" COLD WATER DOWN IN WALL TO FREEZELESS HOSE BIBB. CONNECT PER MANUFACTURERS RECOMMENDATIONS.
- PROVIDE NEW ELECTRIC DRINKING FOUNTAIN. INSTALL AT ADA HEIGHT (COORDINATE WITH ARCHITECTURAL). CONNECT 1/2" COLD WATER SUPPLY, 2" WASTE, AND 2" VENT AS REQUIRED. SEE MANUFACTURER FOR ROUGH-IN REQUIREMENTS.
- ROUGH-IN 1/2" HOT AND 1/2" COLD PIPING TO SHOWER MIXING VALVE PER MANUFACTURER'S INSTRUCTIONS. INSTALL MIXING VALVE, DIVERTER VALVE, WALL MOUNTED SHOWER HEAD, HAND HELD SHOWER OUTLET/ BREAK AWAY HOSE AND WAND. INSTALL SHOWER DRAIN PER MANUFACTURER'S REQUIREMENTS. PROVIDE ANY OFFSETS, FITTINGS, MODIFICATIONS, AND ELSE REQUIRED TO CONNECT TO NEW FIXTURE. REVIEW ARCHITECT'S DETAILS FOR SHOWER PAN AND WALL REQUIREMENTS. SEE PLUMBING SCHEDULE FOR DRAIN AND FAUCET TRIM. TYPICAL.
- ROUTE 3/4" PVC INSULATED CONDENSATE PIPING (VERIFY WITH MANUFACTURER ON FINAL SIZE) FROM ASSOCIATED AHUS. SLOPE PIPING 1/4" PER FOOT TOWARD NEAREST 2" WASTE PIPING CONNECTION. CONNECT CONDENSATE PIPING ABOVE FIXTURE TRAP FOR AN APPROVED AIR GAP/AIR BREAK. MECHANICAL CONTRACTOR RESPONSIBLE FOR PROVIDING ALL PIPING CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. SEE CONDENSATE DRAIN DETAIL.
- ROUTE NEW NATURAL GAS PIPING UNDERGROUND FROM EXISTING PIPING LOCATED AT HIGHWAY/AND CONTINUE TO SPECIFIED LOCATION. COORDINATE WITH CIVIL SITE PLAN AND OTHER UTILITIES AS REQUIRED. PROVIDE AND INSTALL NATURAL GAS METER, SHUTOFF VALVE, AND REGULATOR AS REQUIRED. CONSULT LOCAL UTILITY PROVIDER FOR SPECIFIC REQUIREMENTS. SIZE REGULATOR FOR INDICATED CFH @ 2 PSI PRESSURE (VERIFY WITH FINAL APPROVED EQUIPMENT). CONTINUE NATURAL GAS PIPING FROM METER AND ROUTE AS SHOWN. SLEEVE PIPE THROUGH EXTERIOR WALL AND SEAL ANNUAL VOID. RISE UP TO ABOVE CEILING LEVEL AND ROUTE AS SHOWN. PROVIDE DIRT LEG, UNION, AND PRESSURE REGULATOR AT EACH APPLIANCE. REDUCE THE NATURAL GAS PRESSURE TO THE APPLIANCE RATED PRESSURE REQUIREMENTS. SEE MANUFACTURER APPLIANCE INSTALLATION MANUAL FOR THE NATURAL GAS PRESSURE RATING AND APPLIANCE INSTALLATION INSTRUCTIONS. PROVIDE THREADED FITTINGS FOR 2-1/2" AND SMALLER PIPE. SLEEVES REQUIRED FOR ALL WALL AND FLOOR PENETRATIONS. SEAL AIR AND WATER TIGHT TO PREVENT WATER INTRUSION.
- PROVIDE DIRECT VENT TYPE GAS WATER HEATER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE DIRECT VENT TYPE VENT KIT FOR INTAKE/ EXHAUST PIPING. SEE APPLIANCE DETAIL FOR ADDITIONAL REQUIREMENTS. ROUTE 1" GAS SUPPLY PIPING TO GAS WATER HEATER (OR PER MANUFACTURER). PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. PROVIDE AND INSTALL REQUIRED SHUT-OFF VALVES, PRESSURE RELIEF, EXPANSION TANK, DIRT LEG, GAS COCK, AND UNIONS PER MANUFACTURER'S RECOMMENDATIONS. ROUTE NATURAL GAS PIPING ABOVE CEILING LEVEL AND DOWN ALONG WALL TO WATER HEATER CONNECTION. SUPPORT PIPING ALONG WALL AND AS HIGH AS POSSIBLE TO THE CEILING. COORDINATE POWER OUTLET WITH ELECTRICAL CONTRACTOR. SEE DETAIL.
- ROUTE 3/4" GAS SUPPLY PIPING TO EACH AIR HANDLER. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES. OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. TYPICAL ALL LOCATIONS.
- ROUTE 1 1/2" GAS SUPPLY PIPING TO KITCHEN EQUIPMENT. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES. OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. COORDINATE WITH ENGINEER PRIOR TO INSTALLING FINAL NATURAL GAS PIPING SIZES TO ALLOW FOR VERIFICATION OF FINAL EQUIPMENT SELECTION AND CAPACITY. TYPICAL ALL LOCATIONS.

FLOOR PLAN BUILDING "C" - PLUMBING
SCALE: 1/8" = 1' - 0"



FIRST FLOOR PLAN BUILDING "E" - PLUMBING - DEMOLITION
SCALE: 1/8" = 1' - 0"



SECOND FLOOR PLAN BUILDING "E" - PLUMBING - DEMOLITION
SCALE: 1/8" = 1' - 0"

NUMBERED NOTES:

- ① CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING PLUMBING FIXTURE MARKED WITH HATCHING ACROSS FIXTURE. DISCONNECT FIXTURE AND REMOVE ASSOCIATED WASTE, VENT, AND SUPPLY BRANCH PIPING THAT IS NOT REQUIRED FOR NEW FIXTURES ABOVE THE CEILING, IN THE WALL, AND BELOW THE FLOOR BACK TO NEAREST MAIN. FIELD VERIFY EXISTING PLUMBING AS REQUIRED. DESIGN INTENT IS TO REMOVE THE EXISTING PLUMBING SUPPLY SYSTEM IN IT'S ENTIRETY AND REPLACE WITH NEW. SEE NEW WORK FOR ADDITIONAL INFORMATION.

FLOOR PLAN BUILDING "E" - PLUMBING - DEMOLITION
SCALE: 1/8" = 1' - 0"



Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

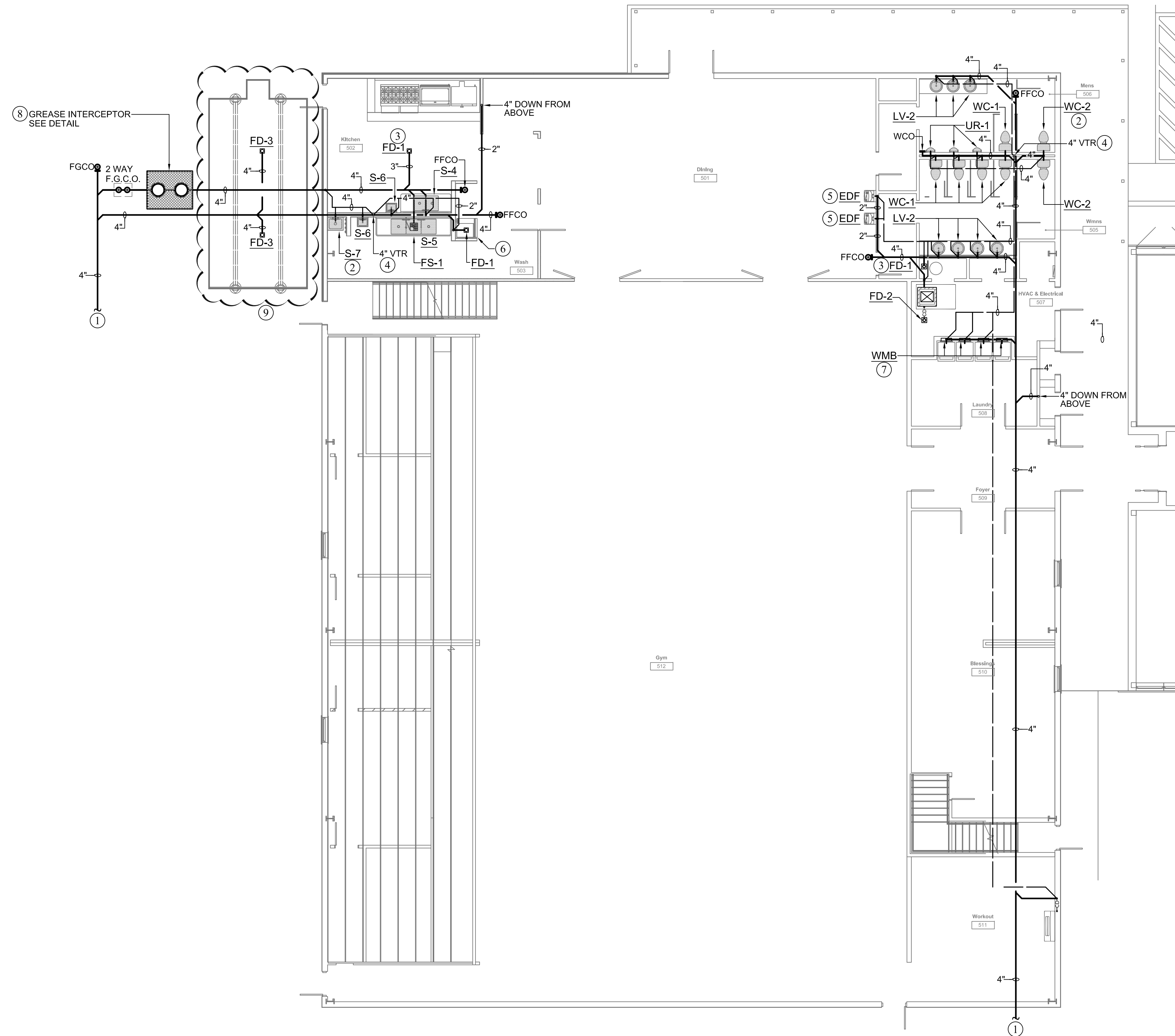
Existing Remodel



Construction Documents

Revision Rev Date

P006



NUMBERED NOTES:

- ROUTE SANITARY WASTE PIPING BELOW GRADE TO APPROVED POINT OF CONNECTION AT PUBLIC SANITARY SEWER SYSTEM. PLUMBING CONTRACTOR RESPONSIBLE FOR INSTALLING COMPLETE PLUMBING SYSTEM AS SHOWN TO A POINT APPROXIMATELY FIVE FEET FROM THE BUILDING FOUNDATION. PLUMBING CONTRACTOR TO COORDINATE IN ADVANCE WITH THE SITE CONTRACTOR IN REGARD TO ALL UTILITY CONNECTION POINTS. FIELD VERIFY THE INVERT ELEVATION OF ANY EXISTING SYSTEMS IF APPLICABLE AND ROUTE NEW PIPING ACCORDINGLY. SEE CIVIL SITE UTILITY PLAN FOR CONTINUATION AND COORDINATE WITH UTILITY PROVIDER FOR THE CONNECTION POINT TO PUBLIC SANITARY SEWER. INSTALL FINISH GRADE CLEANOUTS AT EACH CHANGE OF DIRECTION AND EVERY 75 FEET ALONG ROUTE AS REQUIRED.
- PROVIDE AND INSTALL NEW PLUMBING FIXTURES AS SHOWN. ROUTE NEW SANITARY SEWER PIPING BELOW GRADE TO EACH FIXTURE. ROUGH IN 4" WASTE PIPING TO EACH WATER CLOSET, 2" WASTE TO LAVATORIES, 2" WASTE TO SHOWERS, AND 2" WASTE TO URINALS. VENT EACH FIXTURE TRAP UP IN WALL TO CONNECT TO PLUMBING VENT PIPING. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- PROVIDE AND INSTALL NEW FLOOR DRAIN WITH TRAP PRIMER. ROUTE 1/2" SUPPLY TUBE FROM PRIMER CONNECTION UP IN WALL TO ABOVE THE CEILING. INSTALL TRAP PRIMING DEVICE AND CONNECT 1/2" COLD WATER SUPPLY. TYPICAL.
- ROUTE VENT PIPING UP TO FLOOR ABOVE AND CONTINUE THROUGH GALVANIZED ROOF JACK FLASHING AND TERMINATE 12" ABOVE ROOF LEVEL. COORDINATE WITH ARCHITECTURAL.
- PROVIDE NEW ELECTRIC DRINKING FOUNTAIN. INSTALL AT ADA HEIGHT (COORDINATE WITH ARCHITECTURAL). CONNECT 1/2" COLD WATER SUPPLY, 2" WASTE, AND 2" VENT AS REQUIRED. SEE MANUFACTURER FOR ROUGH-IN REQUIREMENTS.
- PROVIDE NEW ELECTRIC ICE MACHINE. COORDINATE WITH ARCHITECTURAL. CONNECT 1/2" COLD WATER SUPPLY, 2" WASTE, AND 2" VENT AS REQUIRED. SEE MANUFACTURER FOR ROUGH-IN REQUIREMENTS.
- PROVIDE A RECESSED WASHING MACHINE BOX FOR APPLIANCE CONNECTION AT THIS LOCATION. INSTALL 2" WASTE PIPING AND 1/2" HOT/COLD WATER SUPPLY PIPING TO FIXTURES. TYPICAL ALL LOCATIONS.
- PROVIDE AND INSTALL 1,000 GALLON GREASE INTERCEPTOR AT APPROXIMATE LOCATION. PROVIDE WITH HEAVY DUTY TRAFFIC TOP AND LID CONSTRUCTION. COORDINATE INLET/OUTLETS WITH BUILDING PIPING INVERT ELEVATION, 1.2% PIPING SLOPE.
- COORDINATE WITH EQUIPMENT PROVIDER FOR FINAL FLOOR DRAIN LOCATIONS, TYPES, SIZES, AND QUANTITIES. MODIFY DRAINAGE AS REQUIRED.
- ROUTE 3/4" PVC INSULATED CONDENSATE PIPING (VERIFY WITH MANUFACTURER ON FINAL SIZE) FROM ASSOCIATED AHUs. SLOPE PIPING 1/4" PER FOOT TOWARD NEAREST 2" WASTE PIPING CONNECTION. CONNECT CONDENSATE PIPING ABOVE FIXTURE TRAP FOR AN APPROVED AIR GAP/AIR BREAK. MECHANICAL CONTRACTOR RESPONSIBLE FOR PROVIDING ALL PIPING CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. SEE CONDENSATE DRAIN DETAIL.



FIRST FLOOR PLAN BUILDING "E" - PLUMBING WASTE - NEW WORK
SCALE: 1/8" = 1' - 0"

Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

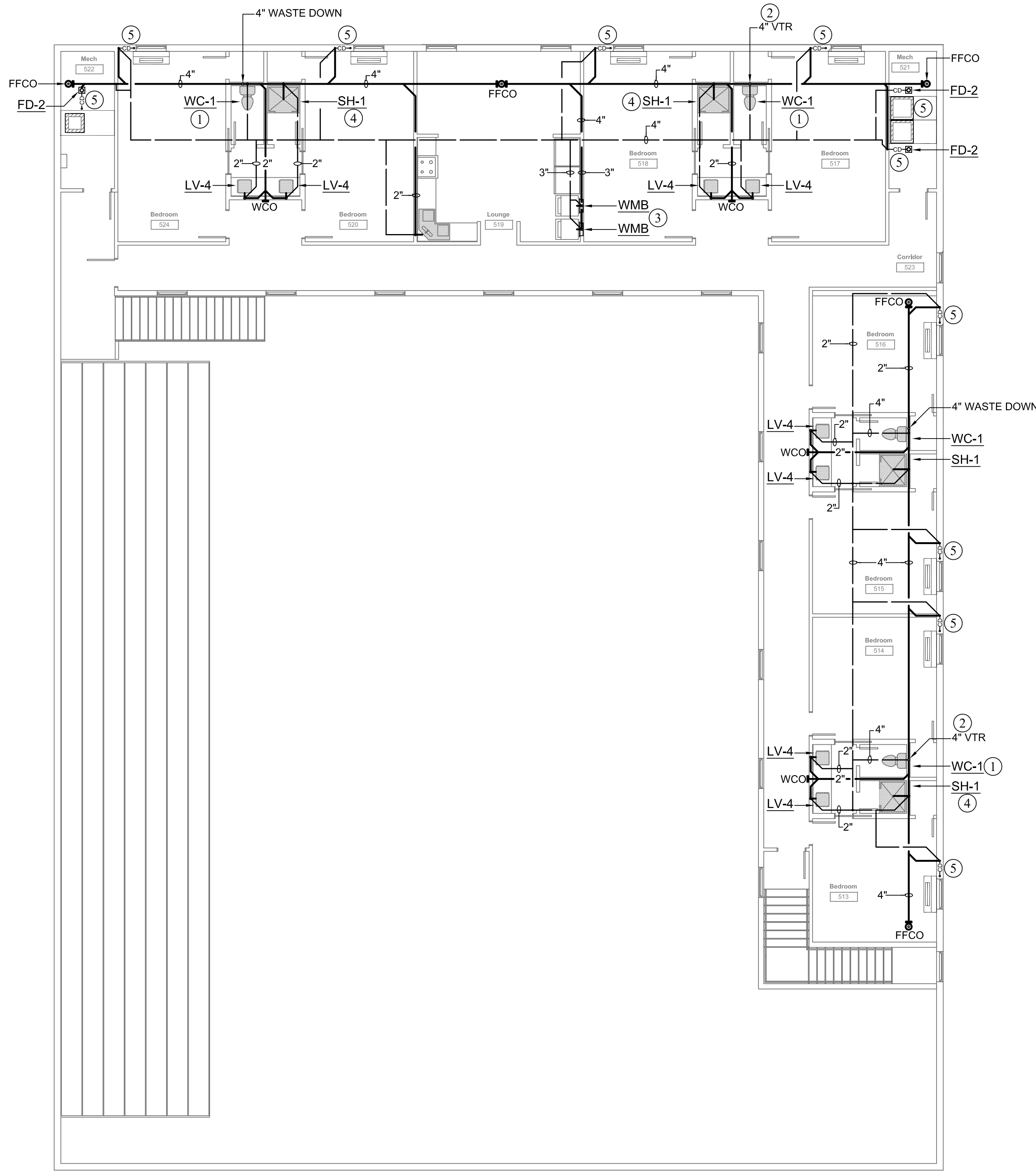
Existing Remodel



Construction Documents

Revision	Rev Date

P007



NUMBERED NOTES:

- ① PROVIDE AND INSTALL NEW PLUMBING FIXTURES AS SHOWN. ROUTE NEW SANITARY SEWER PIPING BELOW GRADE TO EACH FIXTURE. ROUGH IN 4" WASTE PIPING TO EACH WATER CLOSET, 2" WASTE TO LAVATORIES, 2" WASTE TO SHOWERS, AND 2" WASTE TO URINALS. VENT EACH FIXTURE TRAP UP IN WALL TO CONNECT TO PLUMBING VENT PIPING. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- ② ROUTE VENT PIPING UP TO FLOOR ABOVE AND CONTINUE THROUGH GALVANIZED ROOF JACK FLASHING AND TERMINATE 12" ABOVE ROOF LEVEL. COORDINATE WITH ARCHITECTURAL.
- ③ PROVIDE A RECESSED WASHING MACHINE BOX FOR APPLIANCE CONNECTION AT THIS LOCATION. INSTALL 2" WASTE PIPING AND 1/2" HOT/COLD WATER SUPPLY PIPING TO FIXTURES. TYPICAL ALL LOCATIONS.
- ④ ROUGH-IN 2" WASTE/VENT, AND 1/2" HOT AND 1/2" COLD PIPING TO SHOWER MIXING VALVE PER MANUFACTURER'S INSTRUCTIONS. INSTALL MIXING VALVE, DIVERTER VALVE, WALL MOUNTED SHOWER HEAD, HAND HELD SHOWER OUTLET/ BREAK AWAY HOSE AND WAND. INSTALL SHOWER DRAIN PER MANUFACTURER'S REQUIREMENTS. PROVIDE ANY OFFSETS, FITTINGS, MODIFICATIONS, AND ELSE REQUIRED TO CONNECT TO NEW FIXTURE. REVIEW ARCHITECT'S DETAILS FOR SHOWER PAN AND WALL REQUIREMENTS. SEE PLUMBING SCHEDULE FOR DRAIN AND FAUCET TRIM. TYPICAL.
- ⑤ ROUTE 3/4" PVC INSULATED CONDENSATE PIPING (VERIFY WITH MANUFACTURER ON FINAL SIZE) FROM ASSOCIATED AHUS. SLOPE PIPING 1/4" PER FOOT TOWARD NEAREST 2" WASTE PIPING CONNECTION. CONNECT CONDENSATE PIPING ABOVE FIXTURE TRAP FOR AN APPROVED AIR GAP/AIR BREAK. MECHANICAL CONTRACTOR RESPONSIBLE FOR PROVIDING ALL PIPING CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. SEE CONDENSATE DRAIN DETAIL.



SECOND FLOOR PLAN BUILDING "E" - PLUMBING WASTE - NEW WORK

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

Mercy House Womens Campus



Construction Documents

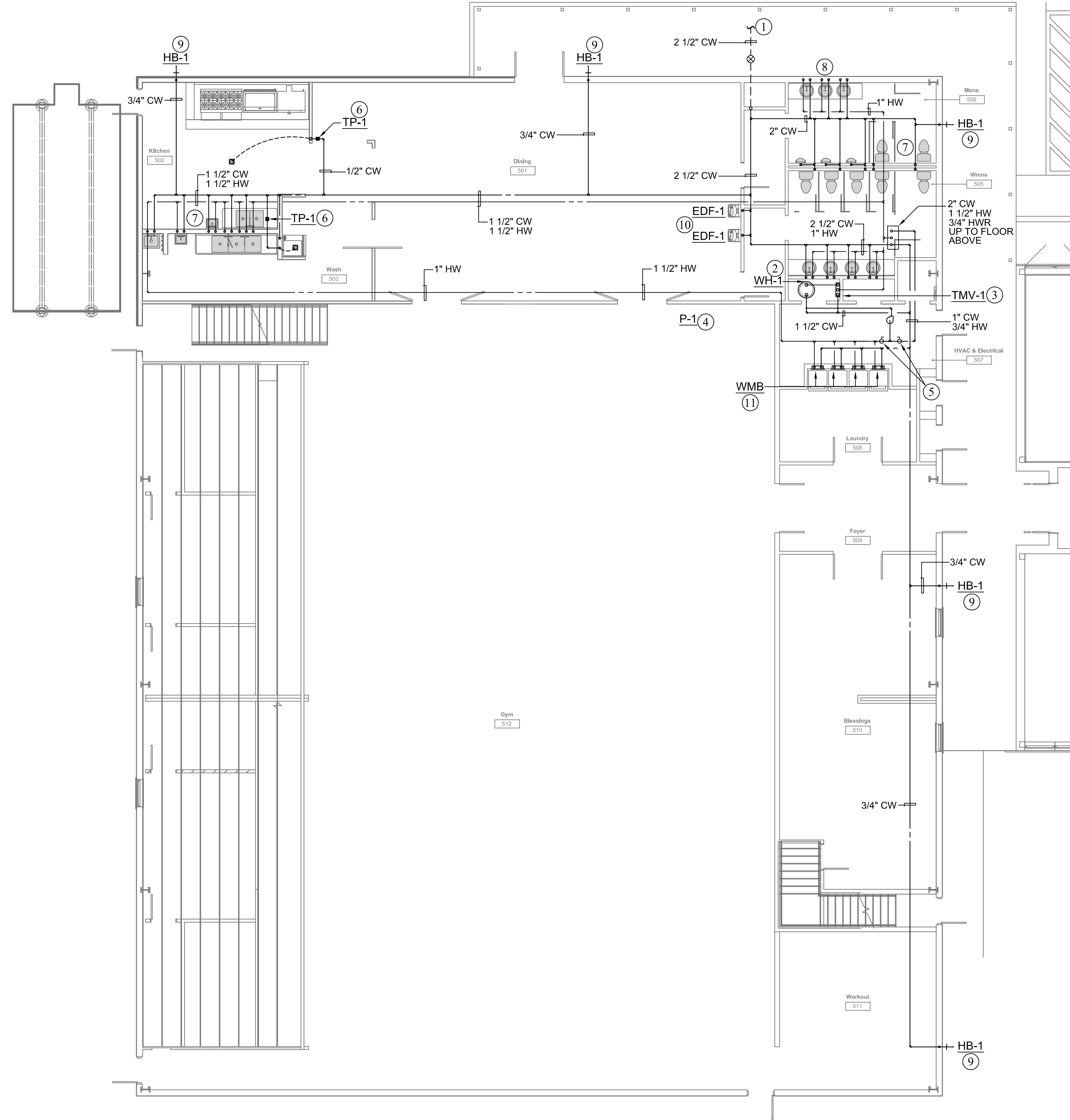
Revision Rev Date

P008

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

Existing Remodel



NUMBERED NOTES:

- CONTRACTOR TO INSTALL DOMESTIC WATER SUPPLY FROM THE THE PUBLIC UTILITY PROVIDER TO THE BUILDING INTERIOR AS REQUIRED. CONTRACTOR TO COORDINATE WATER METER AND BACKFLOW PREVENTER NEAR THE PROPERTY LINE. ROUTE PIPING BELOW GRADE THROUGH THE FOUNDATION AND TURN UP PIPING THROUGH THE SLAB TO CEILING LEVEL. SLEEVE PIPING THROUGH FOUNDATION AND SLAB. INSTALL BALL-TYPE SHUTOFF VALVE AT 4 FEET ABOVE THE FLOOR ON RISER. CONTINUE DISTRIBUTION PIPING TO SERVE PLUMBING FIXTURES AND APPLIANCES. SUPPORT PIPING FROM STRUCTURE.
- PROVIDE DIRECT VENT TYPE GAS WATER HEATER AT LOCATION SHOWN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. PROVIDE DIRECT VENT TYPE VENT KIT FOR INTAKE/ EXHAUST PIPING. SEE APPLIANCE DETAIL FOR ADDITIONAL REQUIREMENTS. ROUTE GAS SUPPLY PIPING TO GAS WATER HEATER. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. PROVIDE AND INSTALL REQUIRED SHUT-OFF VALVES, PRESSURE RELIEF, EXPANSION TANK, DIRT LEG, GAS COCK, AND UNIONS PER MANUFACTURER'S RECOMMENDATIONS. ROUTE NATURAL GAS PIPING ABOVE CEILING LEVEL AND DOWN ALONG WALL TO WATER HEATER CONNECTION. SUPPORT PIPING ALONG WALL AND AS HIGH AS POSSIBLE TO THE CEILING. COORDINATE POWER OUTLET WITH ELECTRICAL CONTRACTOR. SEE DETAIL.
- PROVIDE THERMOSTATIC MIXING VALVE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. SEE DETAIL.
- INSTALL HOT WATER RECIRCULATION PUMP PER MANUFACTURER'S RECOMMENDATION. PROVIDE TIMER AND AQUASTAT CONTROLS TO OPERATE PUMP WHEN BUILDING IS OCCUPIED AND AS NECESSARY.
- CONTRACTOR SHALL PROVIDE AND INSTALL BALL TYPE FULL PORT FLOW BALANCING VALVE AND CIRCUIT SETTER IN HOT WATER CIRCULATING PIPING ABOVE CEILING APPROXIMATELY THIS LOCATION.
- PROVIDE AND INSTALL TRAP PRIMER DEVICE ABOVE THE CEILING. ROUTE 1/2\"/>

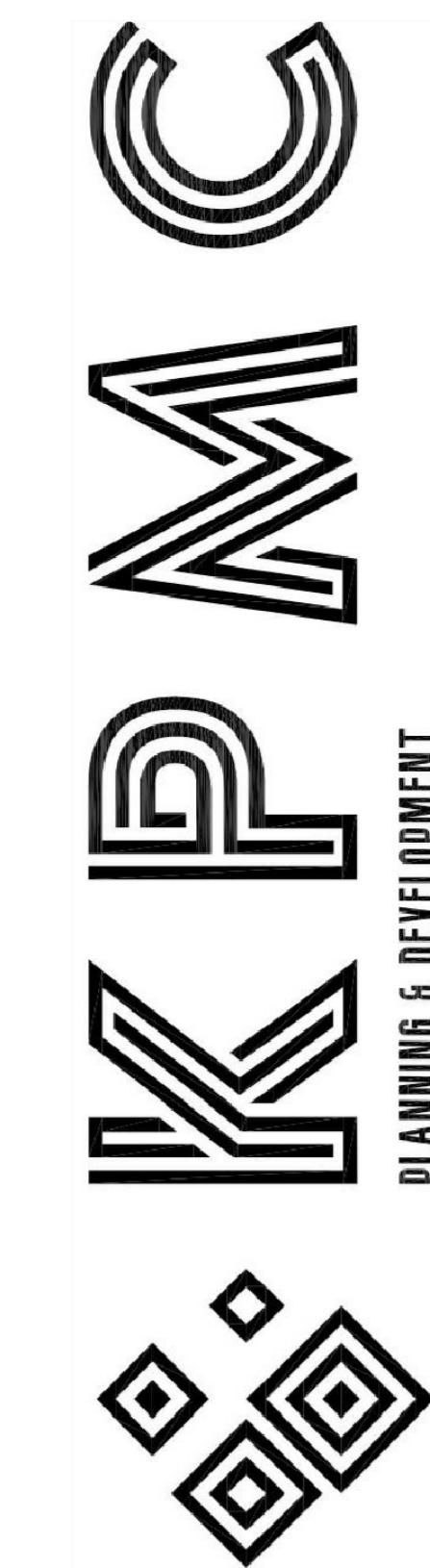
NUMBERED NOTES CONTINUED:

- ROUTE 1/2\"/>
- ROUTE 1/2\"/>
- ROUTE 3/4\"/>
- PROVIDE NEW ELECTRIC DRINKING FOUNTAIN. INSTALL AT ADA HEIGHT (COORDINATE WITH ARCHITECTURAL). CONNECT 1/2\"/>
- PROVIDE A RECESSED WASHING MACHINE BOX FOR APPLIANCE CONNECTION AT THIS LOCATION. INSTALL 2\"/>



FIRST FLOOR PLAN BUILDING "E" - PLUMBING SUPPLY - NEW WORK
SCALE: 1/8" = 1' - 0"

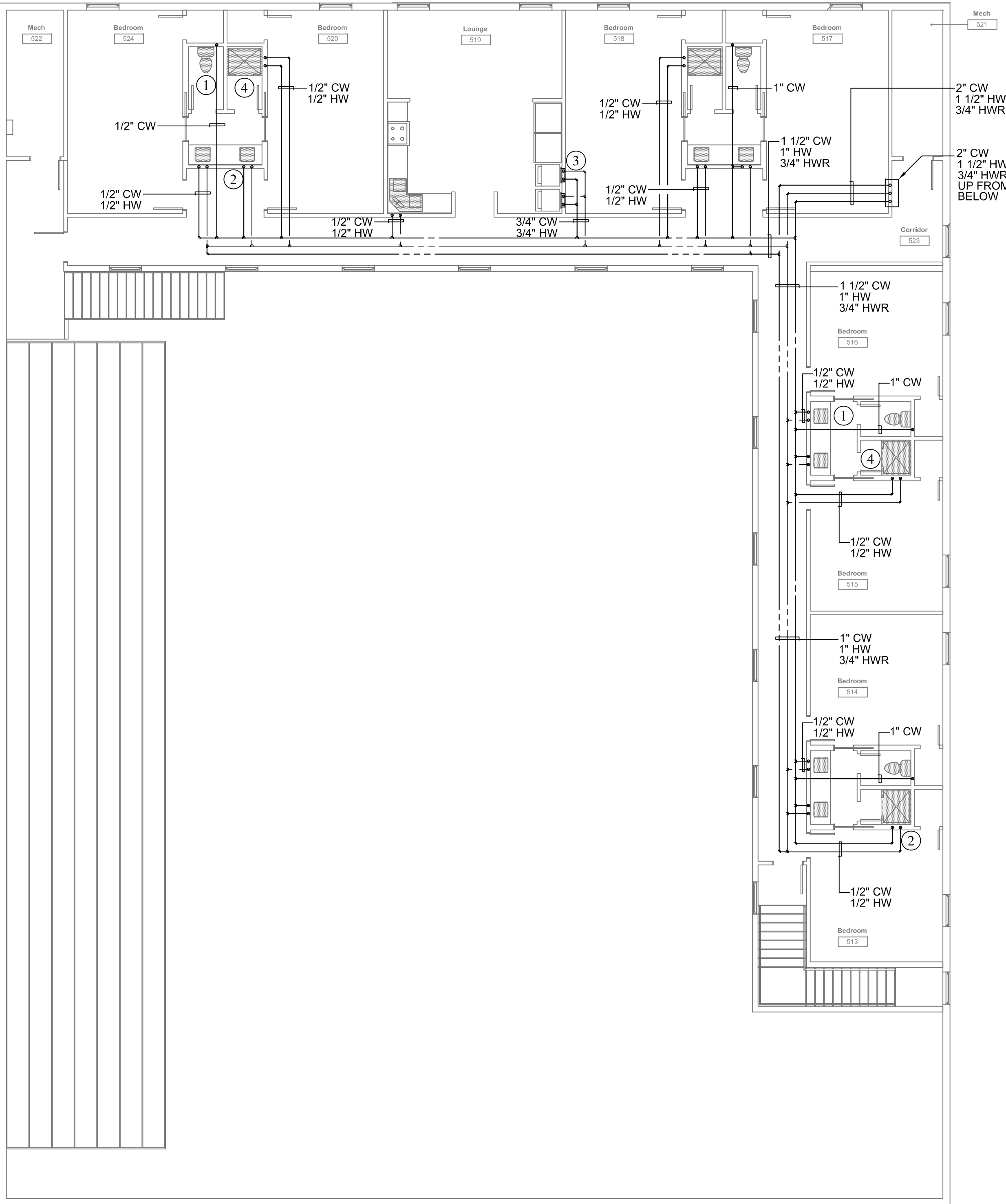
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NUMBERED NOTES:

- ① ROUTE 1/2" COLD WATER SUPPLY TO EACH WATER CLOSET, 1/2" HOT AND 1/2" COLD WATER SUPPLY DOWN IN WALL AND CONNECT TO EACH SINK OR LAVATORY. INSTALL FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL.
- ② ROUTE 1/2" HOT AND 1/2" COLD WATER SUPPLY DOWN IN WALL BEHIND FIXTURE. INSTALL FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL.
- ③ PROVIDE A RECESSED WASHING MACHINE BOX FOR APPLIANCE CONNECTION AT THIS LOCATION. INSTALL 2" WASTE PIPING AND 1/2" HOT/COLD WATER SUPPLY PIPING TO FIXTURES. TYPICAL ALL LOCATIONS.
- ④ ROUGH-IN 2" WASTE/VENT, AND 1/2" HOT AND 1/2" COLD PIPING TO SHOWER MIXING VALVE PER MANUFACTURER'S INSTRUCTIONS. INSTALL MIXING VALVE, DIVERTER VALVE, WALL MOUNTED SHOWER HEAD, HAND HELD SHOWER OUTLET/ BREAK AWAY HOSE AND WAND. INSTALL SHOWER DRAIN PER MANUFACTURER'S REQUIREMENTS. PROVIDE ANY OFFSETS, FITTINGS, MODIFICATIONS, AND ELSE REQUIRED TO CONNECT TO NEW FIXTURE. REVIEW ARCHITECT'S DETAILS FOR SHOWER PAN AND WALL REQUIREMENTS. SEE PLUMBING SCHEDULE FOR DRAIN AND FAUCET TRIM. TYPICAL.



SECOND FLOOR PLAN BUILDING "E" - PLUMBING SUPPLY - NEW WORK

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

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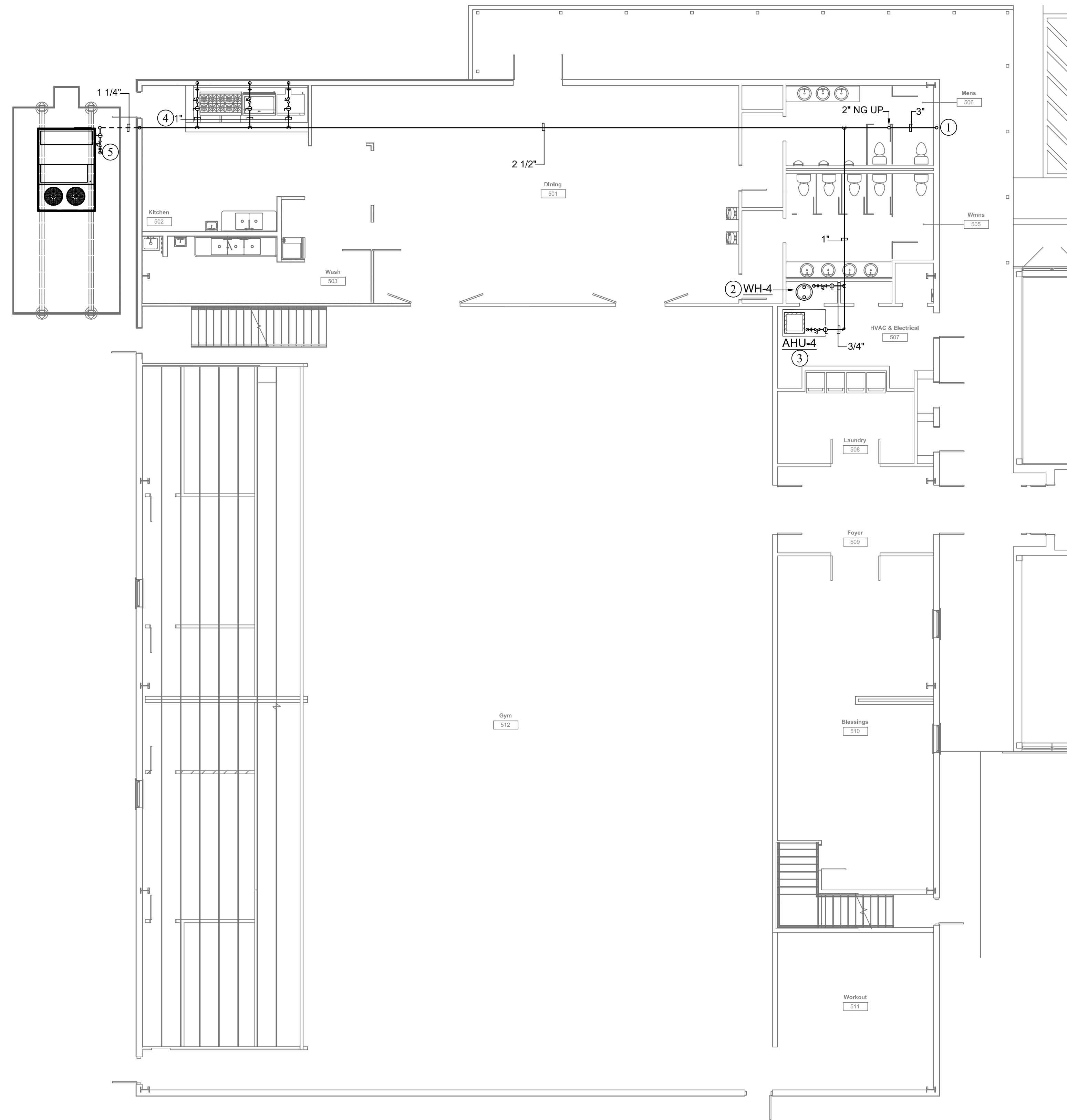


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NUMBERED NOTES:

- ① ROUTE NEW NATURAL GAS PIPING UNDERGROUND FROM EXISTING PIPING TO SPECIFIED LOCATION. COORDINATE WITH CIVIL SITE PLAN AND OTHER UTILITIES AS REQUIRED. PROVIDE AND INSTALL NATURAL GAS METER, SHUTOFF VALVE, AND REGULATOR AS REQUIRED. CONSULT LOCAL UTILITY PROVIDER FOR SPECIFIC REQUIREMENTS. SIZE REGULATOR FOR INDICATED CFH @ 2 PSI PRESSURE (VERIFY WITH FINAL APPROVED EQUIPMENT). CONTINUE NATURAL GAS PIPING FROM METER AND ROUTE AS SHOWN. SLEEVE PIPE THROUGH EXTERIOR WALL AND SEAL ANNULAR VOID. RISE UP TO ABOVE CEILING LEVEL AND ROUTE AS SHOWN. PROVIDE DIRT LEG, UNION, AND PRESSURE REGULATOR AT EACH APPLIANCE. REDUCE THE NATURAL GAS PRESSURE TO THE APPLIANCE RATED PRESSURE REQUIREMENTS. SEE MANUFACTURER APPLIANCE INSTALLATION MANUAL FOR THE NATURAL GAS PRESSURE RATING AND APPLIANCE INSTALLATION INSTRUCTIONS. PROVIDE THREADED FITTINGS FOR 2-1/2" AND SMALLER PIPE. SLEEVES REQUIRED FOR ALL WALL AND FLOOR PENETRATIONS. SEAL AIR AND WATER TIGHT TO PREVENT WATER INTRUSION.
- ② PROVIDE DIRECT VENT TYPE GAS WATER HEATER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE DIRECT VENT TYPE VENT KIT FOR INTAKE/ EXHAUST PIPING. SEE APPLIANCE DETAIL FOR ADDITIONAL REQUIREMENTS. ROUTE 1" GAS SUPPLY PIPING TO GAS WATER HEATER (OR PER MANUFACTURER). PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. PROVIDE AND INSTALL REQUIRED SHUT-OFF VALVES, PRESSURE RELIEF, EXPANSION TANK, DIRT LEG, GAS COCK, AND UNIONS PER MANUFACTURER'S RECOMMENDATIONS. ROUTE NATURAL GAS PIPING ABOVE CEILING LEVEL AND DOWN ALONG WALL TO WATER HEATER CONNECTION. SUPPORT PIPING ALONG WALL AND AS HIGH AS POSSIBLE TO THE CEILING. COORDINATE POWER OUTLET WITH ELECTRICAL CONTRACTOR. SEE DETAIL.
- ③ ROUTE 3/4" GAS SUPPLY PIPING TO EACH AIR HANDLER. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES, OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. TYPICAL ALL LOCATIONS.
- ④ ROUTE 1" GAS SUPPLY PIPING TO KITCHEN EQUIPMENT. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES, OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. COORDINATE WITH ENGINEER PRIOR TO INSTALLING FINAL NATURAL GAS PIPING SIZES TO ALLOW FOR VERIFICAITON OF FINAL EQUIPMENT SELECTION AND CAPACITY. TYPICAL ALL LOCATIONS.
- ⑤ ROUTE 1 1/4" GAS SUPPLY PIPING TO PACKAGE UNIT. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES, OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. TYPICAL ALL LOCATIONS.



FIRST FLOOR PLAN BUILDING "E" - NATURAL GAS - NEW WORK
SCALE: 1/8" = 1' - 0"

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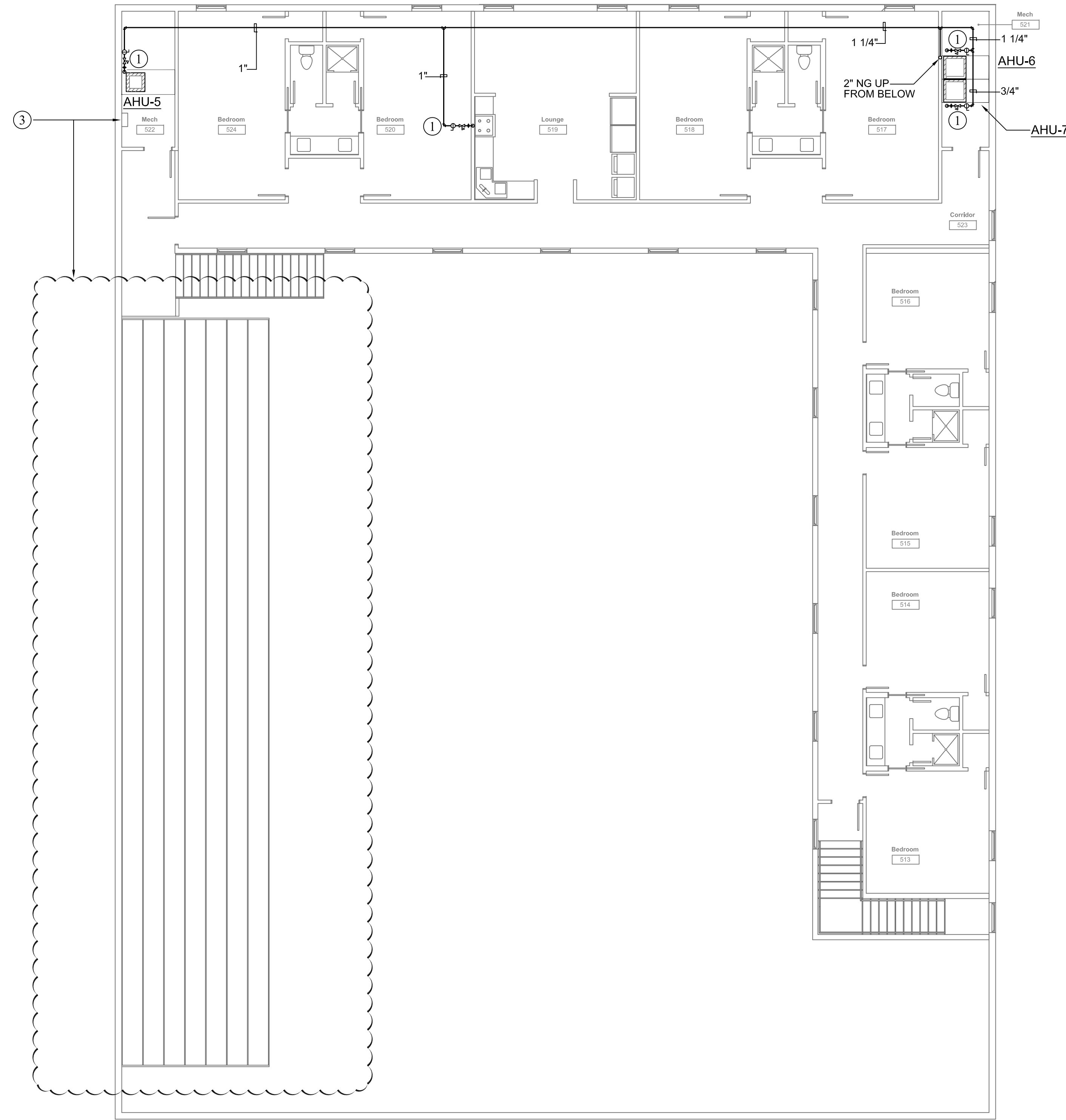
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NUMBERED NOTES:

- 1 ROUTE 3/4" GAS SUPPLY PIPING TO EACH AIR HANDLER. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES, OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. TYPICAL ALL LOCATIONS.
- 2 ROUTE 1" GAS SUPPLY PIPING TO KITCHEN EQUIPMENT. PROVIDE AND INSTALL VENTLESS GAS REGULATOR SIZED TO REGULATE PRESSURE FROM 2PSI TO 7 OUNCES, OR PER MANUFACTURER'S RECOMMENDATIONS. REDUCE SIZE TO EQUIPMENT CONNECTION. HARD PIPE GAS THROUGH APPLIANCE CASING. PROVIDE AND INSTALL UNION, GAS COCK, SHUT-OFF VALVE, DIRT LEG, AND/OR ELSE RECOMMENDED OR REQUIRED BY MANUFACTURER. COORDINATE WITH ENGINEER PRIOR TO INSTALLING FINAL NATURAL GAS PIPING SIZES TO ALLOW FOR VERIFICAION OF FINAL EQUIPMENT SELECTION AND CAPACITY. TYPICAL ALL LOCATIONS.
- 3 EXISTING INSTANTAEOUS WATER HEATER TO REMAIN. CONTRACTOR TO FIELD VERIFY ALL NATURAL GAS PIPING, COLD WATER PIPING, AND HOT WATER PIPING ASSOCIATED WITH THIS EQUIPMENT. DESIGN INTENT IS FOR THIS WATER HEATER TO SERVE THE CLOUDED AREA ON THE GROUND LEVEL ONLY. ALL OTHER PIPING FROM THIS WATER HEATER SHALL BE REMOVED. IF NEW NATURAL GAS PIPING IS REQUIRED FOR RECONNECTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DO SO. COORDINATE WITH ENGINEER ON ALL PLANNING AND INSTALLATION FOR THIS AREA.

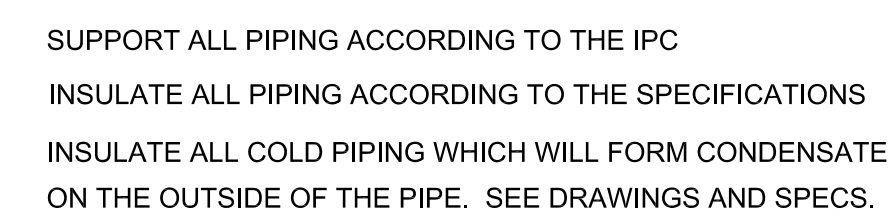
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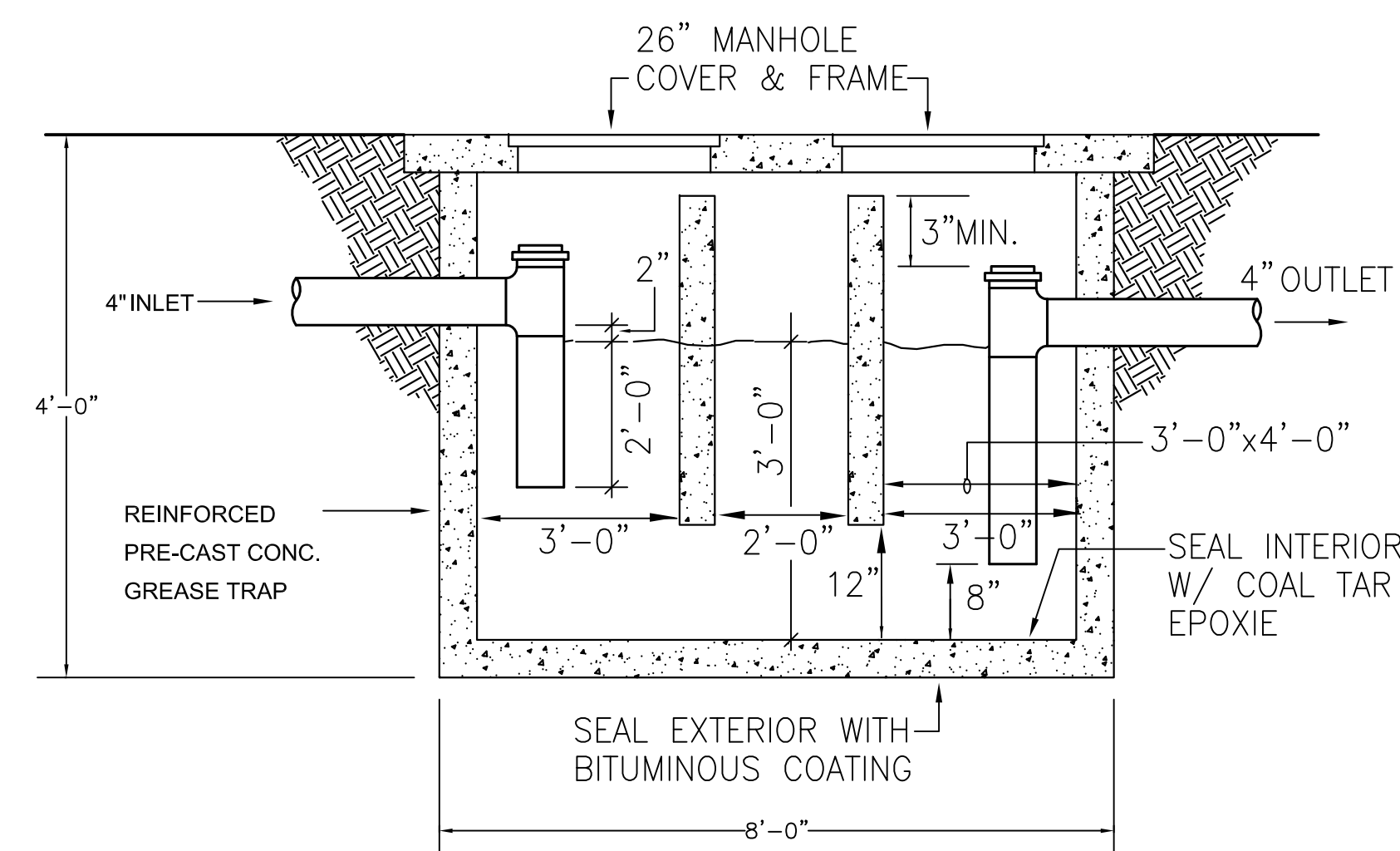
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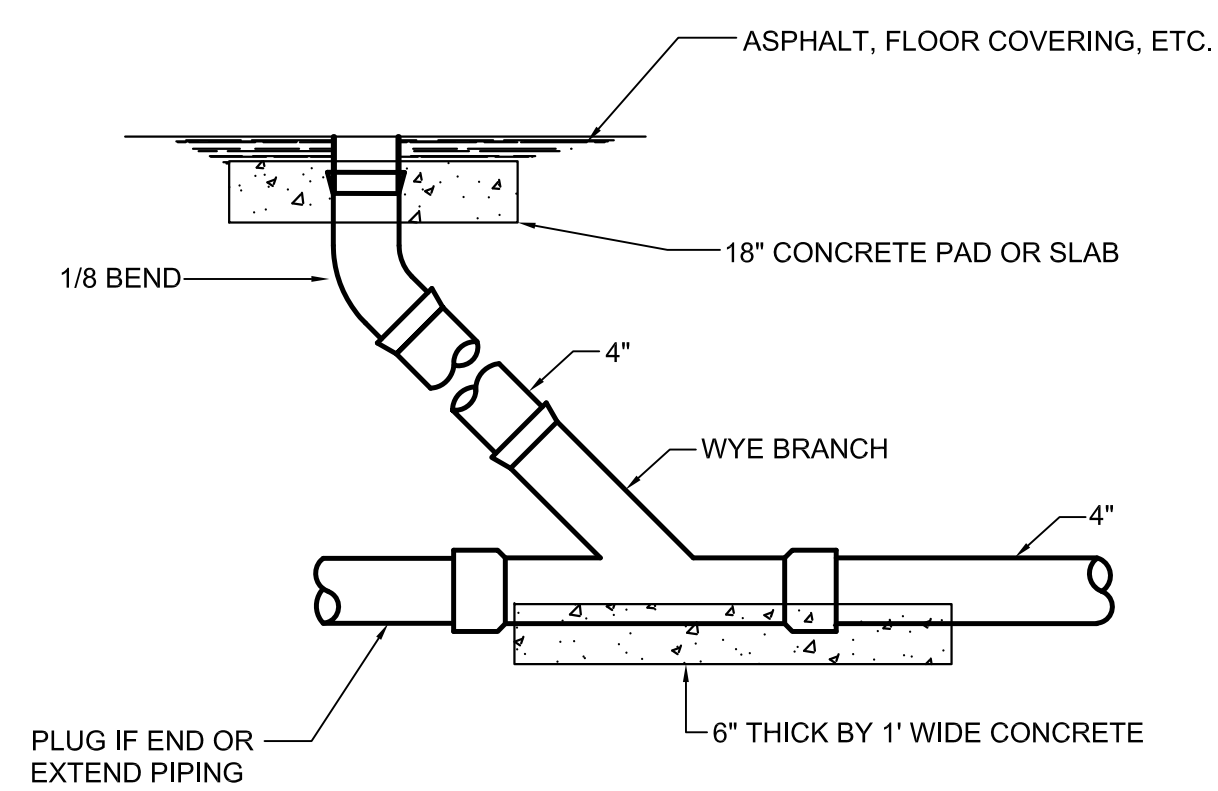


TYPICAL PIPE HANGER DETAIL

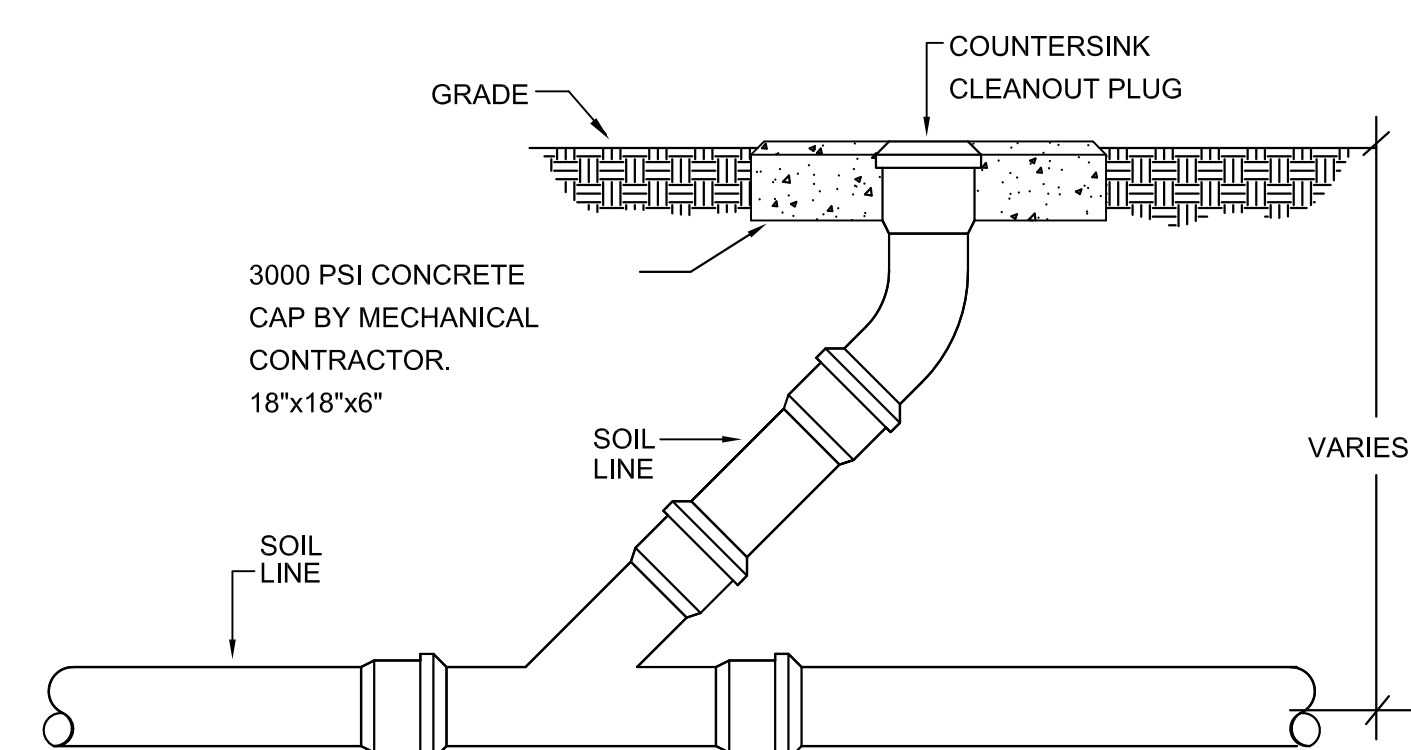


1000 GALLON

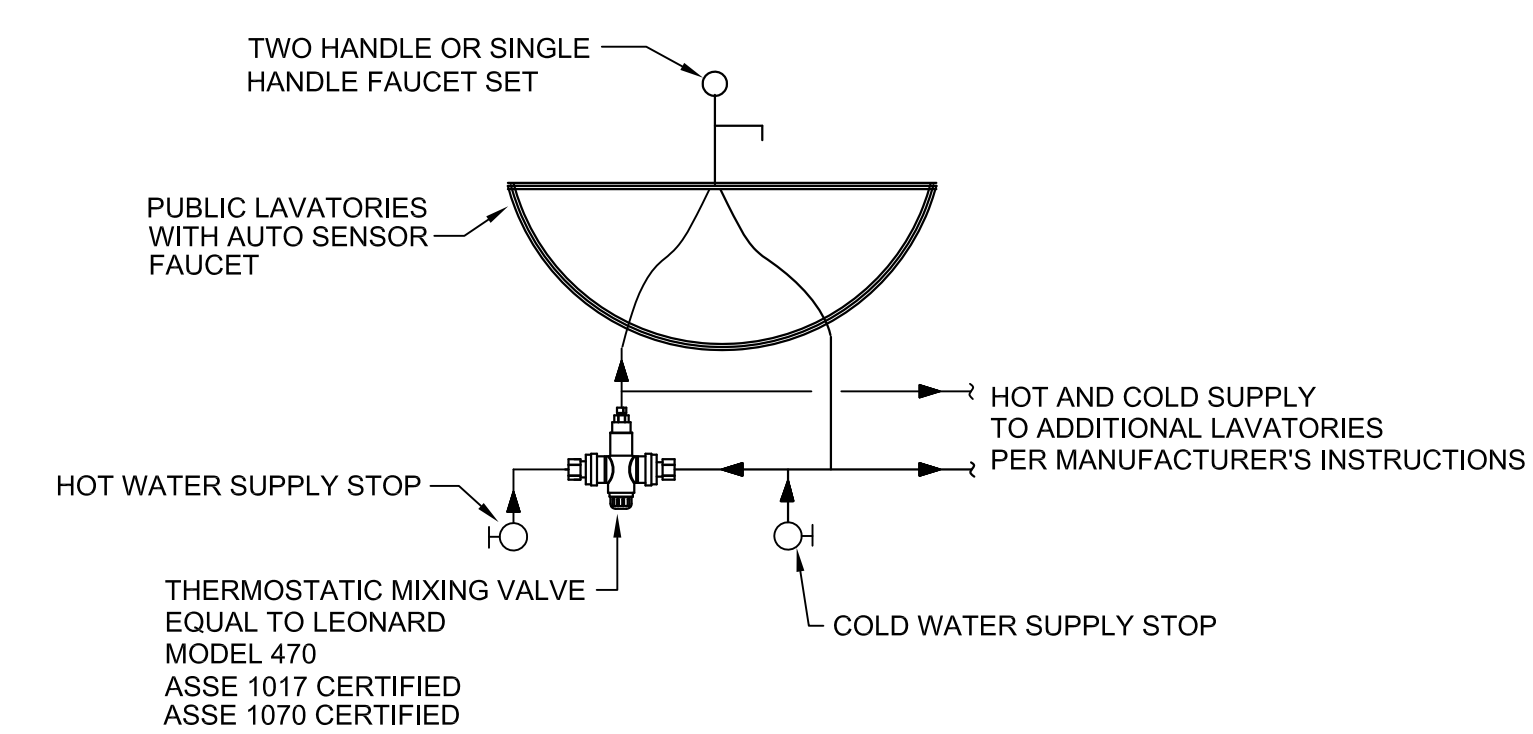
GREASE TRAP DETAIL



TYPICAL SANITARY SEWER CLEANOUT



CLEANOUT DETAIL (FGCO)



VALVE APPROXIMATELY 6"x4"
INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
PROVIDE SUPPORT AS REQUIRED.
INSULATE ALL EXPOSED SUPPLY AND WASTE PIPING
INCLUDING MIXING VALVE UNDER LAVATORY TO MEET ADA
GUIDELINE REQUIREMENTS.
VALVE TO PROVIDE MAXIMUM 109 DEGREE WATER TO
LAVATORY.

PUBLIC LAVATORIES MIXING VALVE DETAIL



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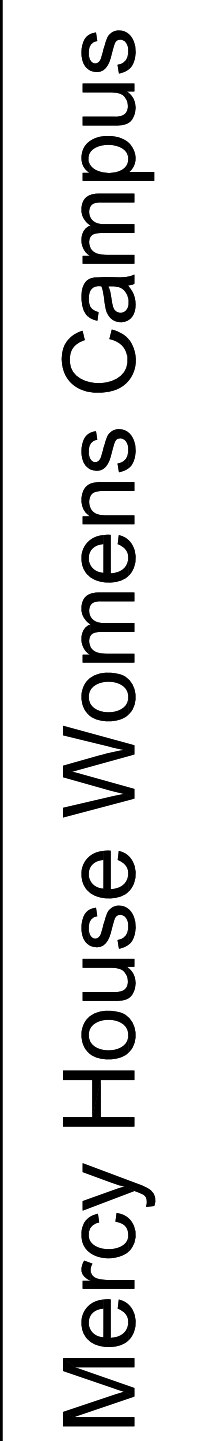
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PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE TYPE	SUPPLY AND AIR CHAMBER FOR FIXTURE		TRIM REQ'M'TS.	WASTE/VENT REQ'M'TS.		MOUNTING HEIGHT (FLOOR TO RIM)	LOCATION	REMARKS
		HW	CW			WASTE			
WC-1	WATER CLOSET	-	1"	STOP/SEAT	4"	2"	17"-19"	TOILET	FLOOR MOUNT. ACCESSIBLE, FLUSH VALVE, TOP SPUD, OPEN FRONT SEAT. FIXTURE EQUAL TO AMERICAN STANDARD MODEL 3043001.020. FLUSH VALVE EQUAL TO SLOAN ROYAL M# 111, CHROME PLATED. PROVIDE WITH TRAPTEx (MODEL # 7110) PLUMBING PROTECTION SYSTEM IN EACH WATER CLOSET.
UR-1	URINAL	-	3/4"	STOP/SEAT	4"	2"	24"	TOILET	WALL MOUNTED VITREOUS CHINA WASHOUT DESIGN WITH 3/4" TOP SPUD, 2" OUTLET AND HIGH EFFICIENCY 1.0 GALLON FLUSH. FIXTURE EQUAL TO KOHLER MODEL K-4904-ET-0 (BARDON). FLUSH VALVE EQUAL TO SLOAN ROYAL M# 111, CHROME PLATED.
LV-1	LAVATORY	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	2"	34"	AS SHOWN	ZURN MODEL #5340, 20" x 18" WALL MOUNTED LAV, VITREOUS CHINA, 4" CENTERS, FOR CONCEALED ARMS SUPPORT, WITH BACKSPASH, WITH CHICAGO FAUCET MODEL 895-317FCABCP W/ 1.5 GPM LAMINAR FLOW CONTROL FAUCET, GRID DRAIN, CAST BRASS P-TRAP, BRASS STOPS AND RIGID SUPPLIES, AND JR SMITH #0710 SERIES FLOOR MOUNTED CARRIER.
LV-2	LAVATORY	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	1-1/2"	34"	AS SHOWN	INTEGRAL CORIAN COUNTER AND SINKS. SEE ARCHITECTURAL DRAWINGS. GOOSENECK FAUCET EQUAL TO DELTA M# 27C2923 W/ 4" WRISTBLADE HANDLES.
LV-3	LAVATORY	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	1-1/2"	34"	AS SHOWN	ELKAY LRADO-281575 , 7-1/2" DEEP SINGLE COMPARTMENT, SELF RIMMING, 18 GAUGE, TYPE 304 STAINLESS STEEL SINK. W/ CHICAGO FAUCET MODEL # 786-GN8FCABCP 1.5 GPM FAUCET, OFFSET GRID DRAIN, CAST BRASS P-TRAP, AND BRASS STOPS W/ RIGID SUPPLIES. MIXING VALVE ABOVE CEILING.
S-1	SINK	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	2"	34"	AS SHOWN	30" x 30" x 12" FREE STANDING, 18- GAUGE STAINLESS STEEL, ONE COMPARTMENT SINK WITH MANUFACTURERS FAUCET ASSEMBLY. MAKE / MODEL EQUAL TO STEELTON 522CS124FW
S-2	DOUBLE SINK	1/2"	1/2"	FAUCET, STOPS DRAIN	4"	2"	34"	AS SHOWN	ELKAY LRADO-331975 , 7-1/2" DEEP DOUBLE COMPARTMENT, SELF RIMMING, 18 GAUGE, TYPE 304 STAINLESS STEEL SINK. W/ CHICAGO FAUCET MODEL # 786-GN8FCABCP 1.5 GPM FAUCET, OFFSET GRID DRAIN, CAST BRASS P-TRAP, AND BRASS STOPS W/ RIGID SUPPLIES. MIXING VALVE ABOVE CEILING.
S-3	LAVATORY	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	1-1/2"	34"	AS SHOWN	ELKAY LRADO-281575 , 7-1/2" DEEP SINGLE COMPARTMENT, SELF RIMMING, 18 GAUGE, TYPE 304 STAINLESS STEEL SINK. W/ CHICAGO FAUCET MODEL # 786-GN8FCABCP 1.5 GPM FAUCET, OFFSET GRID DRAIN, CAST BRASS P-TRAP, AND BRASS STOPS W/ RIGID SUPPLIES. MIXING VALVE ABOVE CEILING.
S-4	3-COMP POT SINK	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	2"	34"	AS SHOWN	3- COMPARTMENT, 300 SERIES STAINLESS STEEL, 8" CTR HOLE, TILE EDGE SPLASH, ROLLED EDGE, STAINLESS LEGS, NSF, 66" x 26". BACK SPLASH MOUNT FAUCET WITH WRISTBLADES HANDLES.
FD-1	FLOOR DRAIN	-	1/2"	-	3"	2"	-	AS SHOWN	FLOOR DRAIN EQUAL TO JR SMITH MODEL# 2110 WITH TRAP PRIMER CONNECTION.
FD-2	FLOOR DRAIN	-	1/2"	-	4"	2"	-	AS SHOWN	12" ROUND FLOOR DRAIN, BRONZE GRATE, EQUAL TO JR SMITH MODEL# 2230
FD-3	FLOOR DRAIN	-	1/2"	-	4"	2"	-	AS SHOWN	EQUAL TO ZURN M# ZB-415-I, ADJUSTABLE STRAINER HEAD WITH SURESEAL TRAP SEAL.
FS-1	FLOOR DRAIN	-	1/2"	-	4"	2"	-	AS SHOWN	FLOOR SINK EQUAL TO ZURN Z1902. WITH TRAP PRIMER CONNECTION.
TP-1	TRAP PRIMER	-	1/2"	-	-	-	-	AS SHOWN	PPP PRIME-RITE 500, 1/2", BRASS, AUTO, WITH DISTRIBUTION UNIT
MS-1	MOPSINK	1/2"	1/2"	-	3"	2"	-	AS SHOWN	ACORN TERRAZZO-WARE MODEL #TNC-24-SH-SSC CORNER TYPE, FLOOR MOUNTED MOP SINK, DROP FRONT, STAINLESS STEEL CAP, WITH CHICAGO FAUCET MODEL 897-CP FAUCET WITH VACUUM BREAKER SPOUT, PAIL HOOK, AND WALL BRACKET.
HB-1	HOSE BIBB (FREEZEPROOF)	-	3/4"	-	-	-	-	BUILDING EXTERIOR	FREEZEPROOF, RECESSED, ANTI SIPHON EQUAL TO WOODFORD M# B65
IMB-1	ICE MAKER BOX	-	1/2"	-	-	-	-	AS SHOWN	APPROX. 6" x 5" x 3-1/2" RECESSED ICE MAKER OUTLET BOX WITH FACEPLATE AND CHROME 1/4" TURN VALVE INSTALLED. FIXTURE EQUAL TO WATERTITE W9700
EDF	ELECTRIC DRINKING FOUNTAIN	-	1/2"	-	-	-	-	AS SHOWN	POLISHED STAINLESS STEEL ELECTRIC, REFRIGERATED, FILTERED, WATER COOLER, WALL MOUNTING FRAME. FIXTURE EQUAL TO HALSEY TAYLOR MODEL HTHBGRN8-WF BOTTLE FILLING STATION. POWER CHARACTERISTIC: 115V, 60HZ
NOTE: 1. TOILET SEATS TO BE EQUAL TO AMERICAN STANDARD 5311.012 MOLDED, WHITE, WITH OPEN FRONT IN PUBLIC USE AREAS. SEATS TO BE SOLID PLASTIC W/STAINLESS HINGES. 2. ALL FIXTURES TO BE WHITE IN COLOR UNLESS OTHERWISE SPECIFICALLY NOTED. 3. CONTRACTOR TO PROVIDE AND INSTALL ALL SEATS, GRAB BARS, HAND HELD DEVICES, OFFSET MIXING VALVES, FAUCET HANDLES, INSULATION, AND ETC TO MEET REQUIREMENTS OF THE ADA ACCESSIBILITY GUIDELINE. 4. ALL EXPOSED PLUMBING TO BE CHROME PLATED BRASS. NO PLASTIC IS ACCEPTABLE. **ALL PLUMBING FIXTURES AND COMPONENTS INCLUDING, BUT NOT LIMITED TO, WATER CLOSETS, FLUSH VALVES, SINKS, FAUCETS, ETC. TO HAVE FINAL APPROVAL BY OWNER.**									

WATER HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	STORAGE GAL	RECOVERY GPH	DISCHARGE TEMP	TEMP RISE	FUEL TYPE	INPUT	ELECTRICAL CHARACTERISTICS	REMARKS
WH-1 THRU WH-4	AO SMITH	BTH-400	120	480	140° F	100° F	GAS	399,000 BTUH	120V, 1 PH	COORDINATE ELECTRICAL WITH DIVISION 16 CONTRACTOR.

PUMP SCHEDULE

MARK	MAKE	MODEL	TYPE	SIZE	GPM	HEAD	EFFICIENCY	RPM	MOTOR			VFD	REMARKS
									WATTS	VOLTS	PHASE		
P-1 THRU P-4	TACO	0034E	RECIRCULATING	1"	4.0	21'	85%	1725	170	115	1	NO	PROVIDE AND INSTALL RECIRC. PUMPS WITH AQUASTAT FOR TEMPERATURE DROP AND TIMER FOR OCCUPIED/UNOCCUPIED OPERATION. PROVIDE WITH ECM MOTOR FOR ADJUSTABILITY.

EXPANSION TANK SCHEDULE

MARK	MAKE	SYSTEM	SYSTEM DESIGN PARAMETERS				TANK SIZE	
			TEMP. RANGE	VOLUME	FILL PRESSURE	RELIEF	MODEL	GAL.
ET-1 THRU ET-4	WATTS	DOMESTIC HOT WATER	40-140 F	4.5 GAL	20	150	PLT-12	4.5



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HVAC SYMBOLS & ABBREVIATIONS

ABBREVIATIONS

AD	ACCESS DOOR	EWT	ENTERING WATER TEMPERATURE	OPNG	OPENING
AHU	AIR HANDLING UNIT	EUH	ELECTRIC UNIT HEATER	P	PRESSURE
AI	ANALOG INPUT	EXH	EXHAUST	PAT	PREHEAT AIR TEMP
AO	ANALOG OUTPUT	FCU	FAN COIL UNIT	PSI	POUNDS PER SQUARE INCH
AFF	ABOVE FINISH FLOOR	FD	FIRE DAMPER	PTU	PACKAGED TERMINAL UNIT
AFG	ABOVE FINISH GRADE	F/SD	FIRE/SMOKE DAMPER	QTY	QUANTITY
AFMD	AIR FLOW MEASURING DEVICE	FPM	FEET PER MINUTE	RAD	RETURN AIR DAMPER
ARCH	ARCHITECTURAL	FSTAT	FREEZESTAT	REQ'D	REQUIRED
BD	BACKDRAFT DAMPER	GPM	GALLONS PER MINUTE	R/A	RETURN AIR
BI	BINARY INPUT	GUH	GAS UNIT HEATER	RAT	RETURN AIR TEMP.
BO	BINARY OUTPUT	H	HUMIDISTAT	RPM	REVOLUTIONS PER MINUTE
BTUH	BRITISH THERMAL UNITS/HOUR	HWV	HEATING WATER VALVE	SA	SOUND ATTENUATOR
BYP	BYPASS	HWP	HOT WATER PUMP	S/A	SUPPLY AIR
CAT	COOLING AIR TEMP	KW	KILOWATT	SAT	SUPPLY AIR TEMP
CFM	CUBIC FEET PER MINUTE	LAT	LEAVING AIR TEMPERATURE	SD	SPLITTER DAMPER
CHP	CHILLED WATER PUMP	LF	LINEAR FEET	SF	SUPPLY FAN
CHWV	CHILLED WATER VALVE	LG	LONG	SP	STATIC PRESSURE
CLG	CEILING	LVG	LEAVING	S	SENSOR
DB	DRY BULB	LWT	LEAVING WATER TEMP	SS	STAINLESS STEEL
dF	DEGREES FAHRENHEIT	MAT	MIXED AIR TEMP	T	THERMOSTAT
DIFF	DIFFUSER	MAX	MAXIMUM	TSP	TOTAL STATIC PRESSURE
DN	DOWN	MBH	THOUSAND BTU/HR	TYP	TYPICAL
DWG	DRAWING	MBC	MODULAR BUILDING CONTROLLER	UH	UNIT HEATER
EA	EACH	M.D.	MOTORIZED DAMPER	VAV	VARIABLE AIR VOLUME
EAT	ENTERING AIR TEMPERATURE	MECH	MECHANICAL	VFD	VARIABLE FREQUENCY DRIVE
EF	EXHAUST FAN	MVD	MANUAL VOLUME DAMPER	VD	VOLUME DAMPER
ELEC	ELECTRICAL	NC	NORMALLY CLOSED	2W	TWO WAY
EL	ELEVATION	NO	NORMALLY OPEN	2WO	TWO WAY CORNER
EQ	EQUAL	O/A	OUTSIDE AIR	3W	THREE WAY
ESP	EXTERNAL STATIC PRESSURE	OAT	OUTDOOR AIR TEMP	4W	FOUR WAY
EWB	ELECTRIC WALL HEATER	OAD	OUTDOOR AIR DAMPER	WB	WET BULB
		OBD	OPPOSED BLADE DAMPER	WFMD	WATER FLOW MEASURING DEVICE

PIPING SYMBOLS

	AUTOMATIC AIR VENT		GAS COCK
	BUTTERFLY VALVE		HOSE BIB W/ VACCUUM BREAKER
	BALANCING VALVE		HOT WATER HEATING RETURN
	BOTTOM CONNECTION BRANCH		HOT WATER HEATING SUPPLY
	CAPPED PIPE END		O.S.&Y. VALVE
	CHECK VALVE		PIPE RISE OR DROP
	COMBINATION SHUT-OFF/ BALANCING VALVE		RETURN LINE
	CONCENTRIC REDUCER		RISER DN
	CONDENSATE DRAIN		RISER UP
	CHILLED WATER RETURN		SLURRY LINE
	CHILLED WATER SUPPLY		SOLENOID VALVE
	CUT-OFF VALVE (ABOVE GRADE)		SIDE CONNECTION BRANCH
	CUT-OFF VALVE (BELOW GRADE)		TEE DOWN
	CUT-OFF VALVE (GATE VALVE WITH HOSE COUPLING)		TEE UP
	ECCENTRIC REDUCER		THERMOMETER
	ELBOW UP		THERMOMETER WELL
	ELBOW DOWN		TOP CONNECTION BRANCH
	FLEXIBLE PIPE CONNECTION		UNION
	FLOW IN DIRECTION OF ARROW		2-WAY AUTOMATIC CONTROL VALVE
	FUEL OIL RETURN		3-WAY AUTOMATIC CONTROL VALVE
	FUEL OIL SUPPLY		Y-TYPE STRAINER
	FUEL OIL VENT		Y-TYPE STRAINER
	GAUGE COCK		WATER FLOW MEASURING DEVICE (WFMD)

DUCTWORK SYMBOLS

SYMBOL	DESCRIPTION
	RISE IN DUCT, IN DIRECTION OF AIR FLOW
	DROP IN DUCT, IN DIRECTION OF AIR FLOW
	SUPPLY AIR DUCT, UP
	SUPPLY AIR DUCT, DN
	RETURN, EXHAUST, OR OUTSIDE AIR DUCT, UP
	RETURN, EXHAUST, OR OUTSIDE AIR DUCT, DN
	RETURN OR EXHAUST GRILLE, CEILING MTD.
	DIFFUSER SYMBOL 4-WAY
	DIFFUSER SYMBOL 2-WAY
	DUCTWORK
	VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES.
	SPLITTER FURNISH MANUAL VOLUME DPR. IN EACH LEG OF ALL SPLITTERS.
	MANUAL VOLUME DAMPER
	FIRE DAMPER
	LINEAR SLOT DIFFUSER
	THERMOSTAT, HUMIDISTAT, SENSOR WALL THERMOSTAT MTD. 5'-0" AFF.
	INDICATES POINT OF CONNECTION BETWEEN NEW AND EXISTING APPURTENANCES.

A. INSTALLATION

ALL PIPING OR DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR ABOVE CEILINGS. PROVIDE ACCESS PANELS IN HARD CEILINGS ADJACENT TO OPERABLE MECHANICAL DEVICES INCLUDING DAMPERS, VALVES, CONTROLS, AND TERMINAL UNITS. PANELS TO MAINTAIN SAME FIRE RATING AS CEILING SYSTEM AND HAVE HINGED AND LATCHED DOOR. PANELS TO BE MINIMUM 12"x12" AND MAXIMUM 24"x24" DEPENDING ON THE DEVICE TO BE ACCESSED.

THERMOSTATS SHALL BE LOCATED 5'-0" ABOVE FLOOR AND SHALL CLEAR ALL EQUIPMENT. THERMOSTATS LOCATED NEXT TO DOORS SHALL BE LOCATED ON LATCH SIDE OF DOOR, AND AT SAME LEVEL AS LIGHT SWITCH.

COORDINATE DIFFUSER, GRILLE, AND REGISTER LOCATIONS WITH LAY-IN CEILING GRID, EXACT LOCATION OF DEVICES IS NOT CRITICAL BUT SHOULD BE LOCATED WITHIN TWO FEET OF SPOT SHOWN ON DRAWINGS.

THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COORDINATION OF WORK OF ALL TRADES TO ASSURE PROPER INSTALLATION AND CLEARANCES. DRAWINGS ARE ESSENTIALLY DIAGRAMMATICAL AND THEREFORE CONTRACTOR SHOULD PLAN EXACT ROUTING OF DUCT AND PIPE BASED ON FIELD CONDITIONS. PROVIDE ADDITIONAL TRANSITIONS AND OFFSETS AS NECESSARY (AT NO ADDITIONAL COST TO OWNER) TO COMPLETE INSTALLATION AND MAINTAIN REQUIRED CEILING HEIGHTS.

ACCESS PANELS IN DUCTWORK AND NON-ACCESSIBLE CEILINGS SHALL BE PROVIDED FOR OPERATION AND MAINTENANCE OF ALL BOXES, COILS, VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. PROVIDE MINIMUM 24"x24" CEILING ACCESS PANEL FOR VAV BOXES AND 12"x12" FOR DAMPERS. COORDINATE EXACT PLACEMENT OF ACCESS PANELS AND EQUIPMENT SO THAT REASONABLE MAINTENANCE SPACE IS AVAILABLE. NO ACCESS PANELS SHALL BE PROVIDED IN SECURE AREAS.

INSTALLATION OF ALL EQUIPMENT AND SYSTEMS SHALL BE IN ACCORDANCE WITH STANDARD DETAILS, SECTIONS, AND ELEVATIONS SHOWN ON THE DRAWINGS.

CONTRACTOR SHALL MAINTAIN A CLEAR SERVICE AREA AROUND ALL EQUIPMENT FOR MAINTENANCE SUCH AS, FILTER REMOVAL, MOTOR AND DRIVE ADJUSTMENTS, COIL AND TUBE CLEANING OR REMOVAL.

PROVIDE ALL DRAIN PIPING FROM MECHANICAL EQUIPMENT WITH 2" AIR GAP CONNECTION AT WASTE PIPE, FLOOR DRAIN, OR ETC.

B. DUCTWORK

ALL DUCT RUNOUTS TO DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES SHALL BE COMPLETE WITH MANUAL VOLUME DAMPERS UNLESS NOTED OTHERWISE. LOCATE DAMPERS SO THEY ARE ACCESSIBLE FROM LAY-IN CEILING, OR ACCESS PANEL.

DUCT TRANSITIONS SHALL BE PROVIDED AS REQUIRED FROM ALL EQUIPMENT CONNECTIONS TO DUCT SIZES INDICATED ON DRAWINGS.

PROVIDE EASED INLET RECTANGULAR TO ROUND TAPS AT DUCT TAPS IF ROUND DUCT SIZE IS TOO LARGE FOR BELL MOUTH TAP TO TRUNK DUCT.

ALL EXTERIOR OPENINGS (INTAKE AND EXHAUST DUCTS, LOUVERS, FANS, ETC.) SHALL BE PROVIDED WITH BIRD SCREENING WHICH SHALL BE EASILY REMOVED FOR CLEANING AND ACCESS TO EQUIPMENT.

ALL DUCT SIZES INDICATE OUTSIDE DIMENSIONS OF SHEET METAL. NO ALLOWANCE FOR INSULATION IS SHOWN ON DRAWINGS.

PROVIDE HEMMED EDGES OVER RAW ENDS OF INSULATION AND SEAL WITH MASTIC FOR ALL LINED RETURN AIR DUCTS STUBBED INTO RETURN AIR PLENUMS.

ALL DUCT PLENUMS AND DUCTS (MINIMUM OF 5'-0" FROM LOUVER) CONNECTED TO EXTERIOR LOUVERS SHALL HAVE LIQUID TIGHT SEAMS AND LIQUID TIGHT CONNECTION TO LOUVER. SLOPE DOWN TO LOUVER AND ATTACH SO WATER WILL DRAIN TO OUTSIDE. PROVIDE 24"x24" (OR EQUIVALENT) ACCESS DOOR AT LOUVER IN EASILY ACCESSIBLE LOCATION FOR ACCESS TO LOUVER PLENUM AND LOUVER.

ALL RECTANGULAR DUCT SHALL BE GALVANIZED SHEET METAL WITH 2" EXTERIOR DUCT WRAP FIBERGLASS INSULATION. SEAL ALL DUCT JOINTS AND INSULATION JOINTS AIRTIGHT WITH WATER BASED MASTIC.

ALL ROUND BRANCH DUCTS SHALL BE GALVANIZED SHEET METAL WITH SAME INSULATION AS ABOVE. FLEXIBLE DUCTS OF NO MORE THAN 6 FEET MAY BE USED FOR DEVICE CONNECTIONS. ALL BRANCH DUCTS MUST HAVE STARTING COLLARS WITH INTEGRAL BALANCING DAMPERS.

SUPPORT ALL DUCT ACCORDING TO THE INTERNATIONAL MECHANICAL CODE AND SMACNA.

C. EQUIPMENT INSTALLATION

SAFE-OFF AIRTIGHT AROUND ALL COILS, SOUND TRAPS, FILTERS, ETC. WITH 16 GAGE GALVANIZED SHEET METAL SET IN NON-HARDENING FIRE RETARDANT MASTIC.

D. EXISTING

CONTRACTOR TO COORDINATE ALL DEMOLITION WORK WITH THE OWNER AND PERFORM AS SCHEDULED AT OWNERS CONVENIENCE.

COORDINATE ALL PATCHING, PAINTING, EXCAVATING, CUTTING, ETC. WITH GENERAL CONTRACTOR.

NO SYSTEM WILL BE DISCONNECTED OR TAKEN OUT OF SERVICE WITHOUT PRIOR WRITTEN APPROVAL. SUBMIT ALL REQUESTS FOR UTILITY OUTAGES AND CONNECTIONS TO THE ENGINEER WITH A WRITTEN DESCRIPTION OF THE WORK INVOLVED, UTILITY TO BE INTERRUPTED, DURATION OF INTERRUPTION, TIME AND DATE REQUESTED. THIS WORK WILL BE REVIEWED BY THE ENGINEER AND RECOMMENDATION WILL BE MADE TO THE OWNER AS TO THE READINESS OF THE CONTRACTOR TO PERFORM THE WORK.

CONTRACTOR TO BE FAMILAR WITH OWNER'S INTERIM LIFE SAFELY AND INFECTION CONTROL POLICIES.

REQUIRED WORK SHOWN ON THESE DRAWINGS HAS BEEN TAKEN FROM THE OWNER'S ORIGINAL CONSTRUCTION DRAWINGS AND FROM LIMITED SITE SURVEY BY THE ENGINEER. THIS INFORMATION IS BELIEVED TO BE TRUE AND ACCURATE. THE CONTRACTOR IS ENCOURAGED TO FIELD VERIFY ANY AND ALL EXISTING SITUATIONS INCLUDING EXISTING UTILITIES AND STRUCTURE INTERFERENCES BEFORE SUBMITTING HIS BID. AND DURING THE COORDINATION AND PLANNING OF HIS WORK. THE CONTRACTOR WILL BE EXPECTED TO MAKE MINOR MODIFICATIONS TO THE WORK SHOWN IN ORDER TO MEET THE INTENT OF THE DESIGN. SOME EXISTING PIPE, CONDUIT, AND DUCT MAY REQUIRE RELOCATION IN THIS PROJECT.

GENERAL NOTES

GENERAL NOTES:

- G1

ALL CONCEALED DUCT DUCT TO BE INSULATED WITH 2" FIBERGLASS DUCT WRAP WITH FOIL BACK VAPOR BARRIER. SEAL ALL SEAMS AND LAPS WITH 2" HIGH PRESSURE FOIL TAPE. SEAL ALL DUCT JOINTS WITH MASTIC DUCT SEALANT.
- G2

CONCEALED RECTANGULAR DUCT TO BE GALVANIZED SHEET METAL. CONCEALED LOW PRESSURE ROUND BRANCH DUCT TO BE SNAP LOCK GALVANIZED SHEET METAL TO WITHIN SIX FEET OF THE DIFFUSER CONNECTIONS WHERE FLEXIBLE DUCT MAY BE USED.
- G3

EXPOSED DUCT TO BE SPIRAL ROUND (OR FLAT OVAL WHERE INDICATED) , EXPOSED, DOUBLE WALL INSULATED, GALVANIZED STEEL DUCT, THAT HAS BEEN CLEANED AND DEGREASED FOR PAINTING APPLICATION. NO EXPOSED MASTIC, GASKET SEALED AT JOINTS. CONNECTIONS TO BE SLIP JOINTS. PAINT DUCT AND ALL VISIBLE MECHANICAL COMPONENTS TO MATCH CEILING COLOR. HOLD HIGH TO STRUCTURE.
- G4

CONTRACTOR TO CONSULT ENGINEER WITH ALL QUESTIONS BEFORE PROCEEDING WITH WORK.
- G5

COORDINATE INSTALLATION OF EQUIPMENT AND UTILITIES WITH EXISTING CONDITIONS AT SITE.
- G6

ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE 2018 INTERNATIONAL CODE SERIES.
- G7

CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED TO COMPLETE THE PROJECT IN AGREEMENT WITH THE DESIGN INTENT SHOWN ON THESE DRAWINGS.
- G8

DUCT SIZES SHOWN MAY BE MODIFIED BY THE CONTRACTOR TO ACCOMODATE CLEARANCE REQUIREMENTS AS LONG AS THE NET FREE AIRFLOW AREA IS NOT CHANGED. CONSULT ENGINEER FOR ASSISTANCE.
- G9

DUCT ROUTING MAY NOT BE MODIFIED BY THE CONTRACTOR WITHOUT APPROVAL OF THE ENGINEER DUE TO POTENTIAL OF PENETRATIONS IN RATED WALL ASSEMBLIES.
- G10

PROVIDE ACCESS PANELS IN DUCTS AT ALL FIRE DAMPERS.
- G11

RECTANGULAR DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR. NO ALLOWANCE FOR INSULATION.
- G12

MOUNT ALL DUCTWORK AS HIGH AS POSSIBLE. TRANSITION DUCT IN UPWARD DIRECTION TO MAINTAIN MAXIMUM CLEARANCE BETWEEN DUCT AND CEILING. COORDINATE ROUTING OF DUCT WITH BOTH PLUMBING AND ELECTRICAL TRADES AND STRUCTURE.
- G13

MAXIMUM LENGTH OF FLEXIBLE DUCT IS SIX FEET. FLEXIBLE DUCT SHOULD NOT BE USED TO MAKE ABRUPT CHANGES IN DIRECTION OR FOR EXHAUST OR RETURN AIR.
- G14

ALL DUCT PENETRATING FIRE AND SMOKE WALLS SHALL BE EQUIPPED WITH DYNAMIC RATED FIRE DAMPERS (OR COMBINATIONS FIRE/SMOKE WHERE APPLICABLE) , PROVIDE ACCESS PANELS AT EACH SIDE OF ALL FIRE DAMPER LOCATIONS. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND THE INTERNATIONAL MECHANICAL CODE.
- G15

COORDINATE HORIZONTAL ROUTE OF NEW DUCT THROUGH EXTERIOR WALL WITH COLUMNS, WINDOWS, OVERHANGS, LOUVERS, AND EXISTING UTILITIES.
- G16

ALL BRANCH DUCT STARTING COLLARS SHOULD HAVE BALANCING DAMPERS, ABOVE SUSPENDED CEILINGS. DO NOT INSTALL MANUAL DAMPERS ABOVE GYPSUM BOARD CEILINGS WITHOUT PROVIDING AND INTALLING AN ACCESS PANEL.
- G17

ALL CENTRAL AIR HANDLING UNITS SUPPLYING MORE THAN 2000 CFM AND/OR SERVING AN EXIT CORRIDOR SHALL HAVE SMOKE DETECTION TO INTERRUPT POWER. AHU SMOKE CONTROLS SHALL BE CONNECTED TO THE AUTOMATIC FIRE ALARM SYSTEM AS REQUIRED BY CODE.
- G18

LABEL OR STENCIL ALL PIPING EVERY 15' FOR CONTENT AND FLOW DIRECTION.
- G19

NATURAL GAS PIPING TO BE SCHEDULE 40 STEEL WITH THREADED OR WELDED FITTINGS.
- G20

PROVIDE REDUCERS, TRANSITIONS, AND FITTINGS AS REQUIRED FOR ALL PIPE CONNECTIONS AT EQUIPMENT AS SHOWN.
- G21

PROVIDE 4" REINFORCED CONCRETE BASE FOR ALL NEW EQUIPMENT AS SHOWN ON DRAWING. CHAMFER PAD EDGES AT 45 DEGREE ANGLE.
- G22

PROVIDE MANUFACTURER'S START UP ON NEW AIR HANDLING EQUIPMENT. OWNER MUST WITNESS STARTUP AND SIGN OFF BEFORE ACCEPTANCE.
- G23

FLUE PIPE TO BE DOUBLE WALL DUCT MANUFACTURED FOR FLUE GAS APPLICATION. INSTALL WITH SLOPE PER MANUFACTURER 'S REQUIREMENT FOR BOILER DRAFT AND CONDENSATE DRAINAGE.
- G24

SEE STRUCTURAL ENGINEERING DRAWINGS FOR ROOF FRAMING, EQUIPMENT SUPPORT, AND PENETRATION LOCATIONS AND REQUIREMENTS.
- G25

CONTRACTOR TO COORDINATE ALL ROOF LEVEL MECHANICAL WORK INCLUDING PENETRATIONS AND EQUIPMENT INSTALLATION WITH GENERAL CONTRACTOR.
- G26

THE DESIGN MECHANICAL ENGINEER WILL NOT BE RESPONSIBLE FOR THE RESULTS OF VALUE ENGINEERING BY THE CONTRACTOR/OWNER WHICH INVOLVES MODIFICATION OF THE MECHANICAL AND HVAC SYSTEMS AND THEIR CAPACITIES, ETC.
- G27

ALL EQUIPMENT, LABOR, MATERIAL, AND COORDINATION TO COMPLETE THIS PROJECT PER THE DESIGN INTENT SHALL BE PROVIDED BY CONTRACTOR.
- G28

COORDINATE INSTALLATION OF EQUIPMENT AND UTILITIES WITH CONDITIONS ON SITE. CONTRACTOR MAY MODIFY ROUTING OF DUCT AS REQUIRED BY SITE CONDITIONS. IF CHANGES IN SIZE ARE REQUIRED CONSULT ENGINEER.
- G29

PROVIDE AABC OR NEBB TAB AGENT TO TEST, ADJUST, AND BALANCE THE AIR SYSTEMS MODIFIED ON THIS PROJECT TO WITHIN +/- 10% . PROVIDE COMPLETE TAB REPORT TO ENGINEER BEFORE SCHEDULING FINAL INSPECTION. COMPLETE FINAL BALANCING AND SUBMIT REPORT TO ENGINEER.
- G30

THE MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL 120V TO 24 V TRANSFORMERS AND LOW VOLTAGE CONTROL WIRING FOR MECHANICAL COMPONENTS SHOWN ON THE DRAWINGS. THE MECHANICAL CONTRACTOR WILL NOT BE RESPONSIBLE FOR INSTALLING ANY 120 VOLT POWER WIRING TO ANY CONTROLLERS. THAT RESPONSIBILITY IS THE ELECTRICAL CONTRACTOR.
- G31

MINOR MODIFICATION OF DUCT SIZING AND ROUTING MAY BE REQUIRED DURING INSTALLATION. ANY CHANGES WHICH INCREASES/DECREASES AIRFLOW AREA BY GREATER THAN 10% SHOULD BE PREAPPROVED.

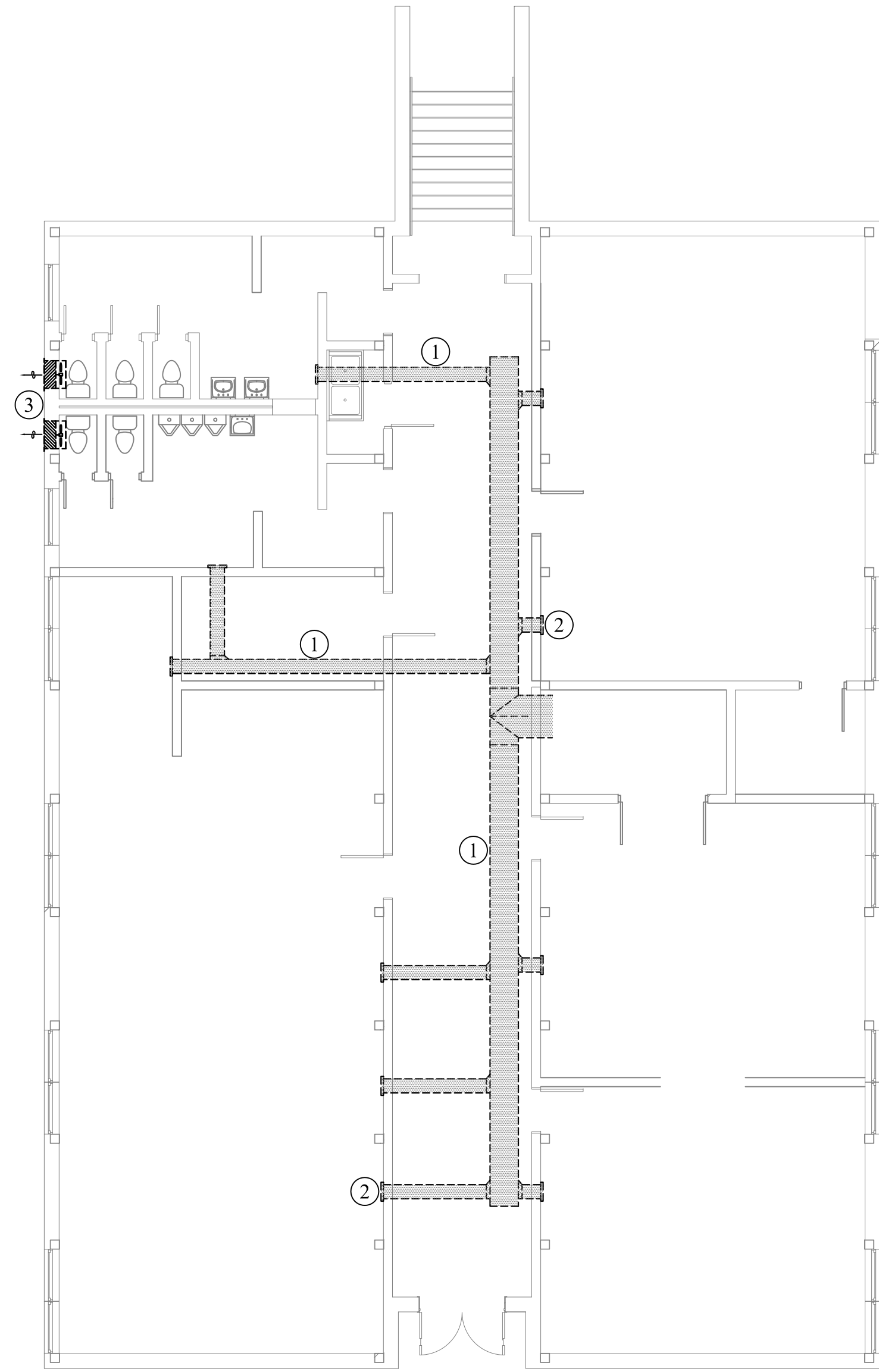
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Project No 20241215001 Date 6/5/2026

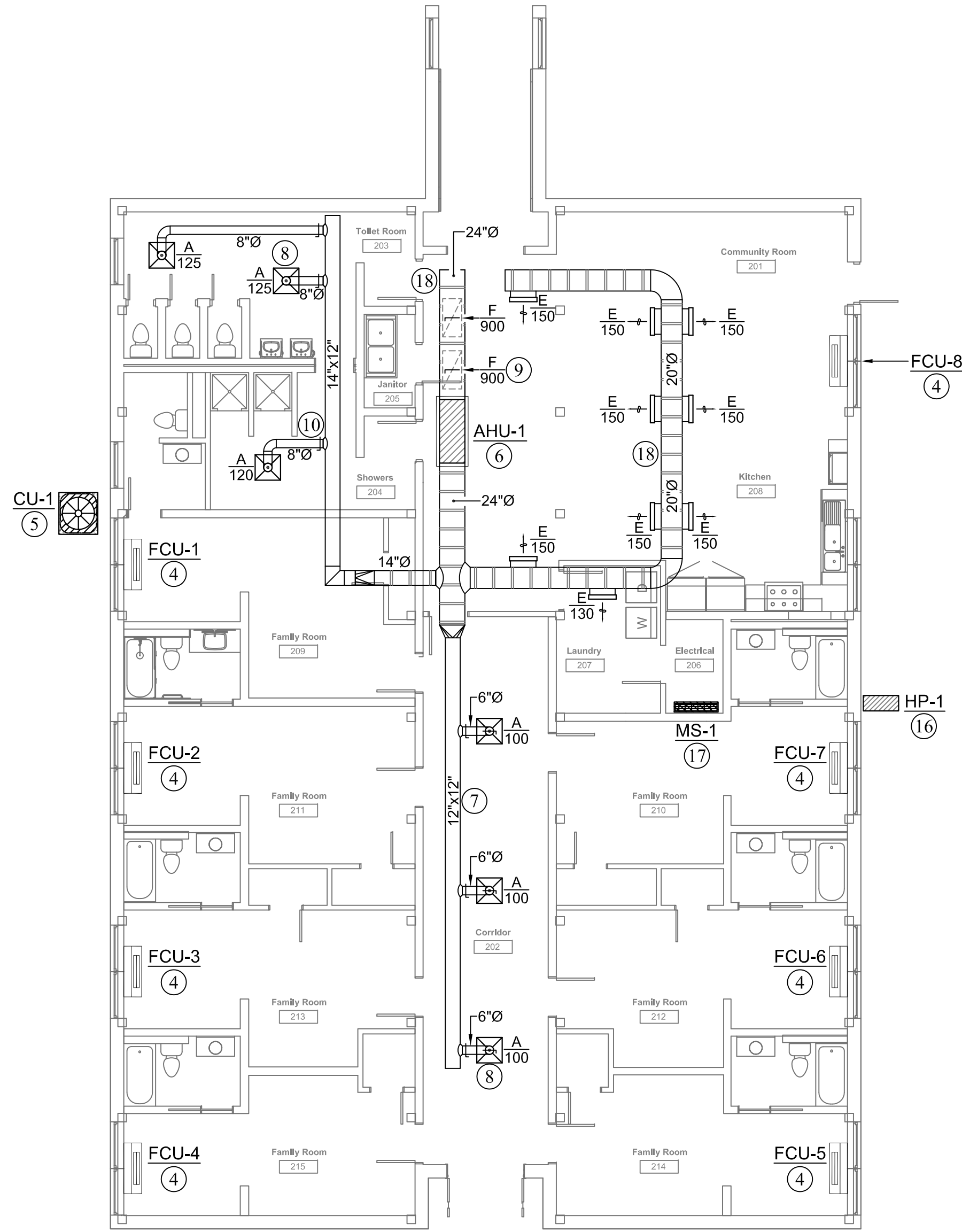
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Existing Remodel



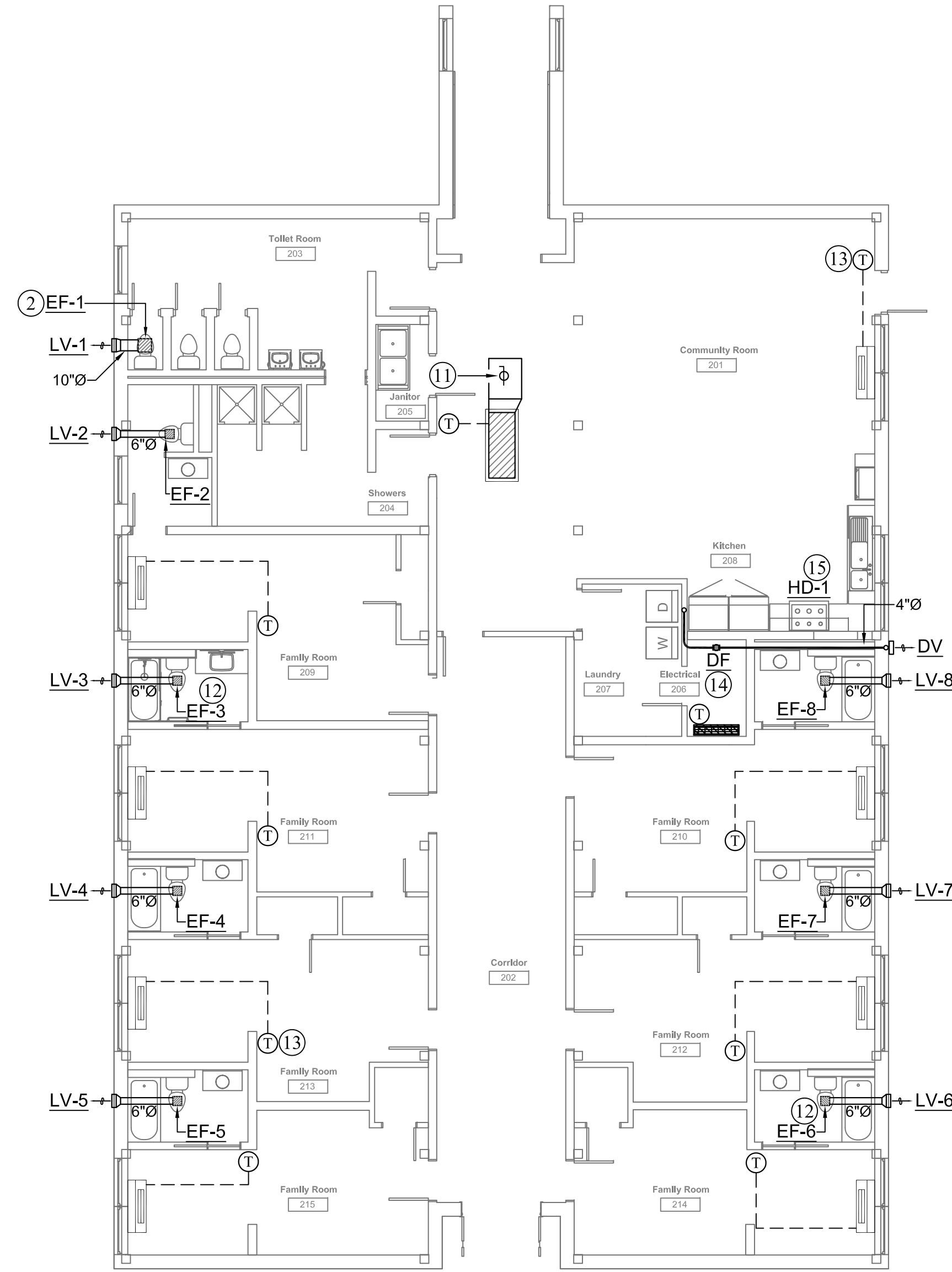
Construction Documents	
Revision	Rev Date
M002	



FLOOR PLAN BUILDING "B" - HVAC - DEMOLITION
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "B" - HVAC - NEW WORK
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "B" - EXHAUST - NEW WORK
SCALE: 1/8" = 1' - 0"

NUMBERED NOTES:

- DISCONNECT AND REMOVE ALL DUCT SHOWN WITH DASHED LINES ON THIS DRAWING. REMOVE ASSOCIATED DUCT SUPPORTS. TYPICAL ALL LOCATIONS. (DESIGN INTENT IS TO REMOVE ALL EXISTING DUCT AT THE FACILITY) .
- DISCONNECT AND REMOVE EXISTING SIDEWALL MOUNTED AIR DEVICES AS SHOWN. TYPICAL ALL LOCATIONS.
- DISCONNECT AND REMOVE EXISTING WALL MOUNTED EXHAUST FAN AT LOCATION SHOWN. REMOVE ASSOCIATED CONTROLS, ELECTRICAL POWER, AND DUCT WORK ASSOCIATED WITH THE EQUIPMENT. WALL FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. TYPICAL ALL LOCATIONS.
- PROVIDE AND INSTALL NEW FLOOR MOUNTED, VERTICAL FAN COIL UNIT AT LOCATION SHOWN. SUPPORT UNIT PER MANUFACTURER'S REQUIREMENTS. PROVIDE WITH MANUFACTURER'S WALL MOUNTED TEMPERATURE CONTROLLER. TYPICAL ALL FCUs SHOWN ON THIS SHEET.
- PROVIDE AND INSTALL NEW SPLIT SYSTEM CONDENSING UNIT IN LOCATIONS AS SHOWN. INSTALL ON 4" HIGH REINFORCED CONCRETE EQUIPMENT PAD. ROUTE NEW REFRIGERANT PIPING ABOVE GRADE TO EXTERIOR WALL AND TURN UP IN WALL TO POINT ABOVE CEILING; ROUTE TO ASSOCIATED AIR HANDLER (S) . SLEEVE PIPING THROUGH WALL AND SEAL AIR AND WATER TIGHT. EXTERIOR REFRIGERANT PIPING TO BE HARD DRAWN STRAIGHT LENGTHS OF COPPER BUNCHED AND ROUTED PARALLEL AND PERPENDICULAR TO BUILDING WALL. CONTINUE PIPING ABOVE THE CEILING TO AIR HANDLER. SIZE REFRIGERANT PIPING AND INSTALL AS PER MANUFACTURER'S INSTRUCTION. INSULATE REFRIGERANT PIPING TO PREVENT CONDENSATION. SEAL PIPING PENETRATIONS WITH WATER PROOF CAULKING TO PREVENT WATER INTRUSION. PAD TO BE LEVEL AND EXTEND 2-INCH BEYOND EQUIPMENT FOOTPRINT ON ALL SIDES. SEAL PIPING PENETRATIONS AIR AND WATER TIGHT.
- PROVIDE AND INSTALL HORIZONTAL SPLIT SYSTEM TYPE DX AIR HANDLER COMPLETE WITH CABINET, EVAPORATOR COIL, SUPPLY FAN, FILTER COMPARTMENT, GAS HEAT, AND ELSE. SUSPEND FROM STRUCTURE ABOVE WITH ALL THREAD ROD, UNISTRUT, AND SPRING ISOLATORS. SEE DETAIL FOR TYPICAL INSTALLATION.
- PROVIDE AND INSTALL NEW CONCEALED LOW PRESSURE SUPPLY DUCT SIZED AND ROUTED AS SHOWN. TYPICAL.
- PROVIDE AND INSTALL NEW CEILING MOUNTED SUPPLY GRILLES IN LOCATIONS SHOWN. CONNECT TO NEW DUCT WITH TRANSITION AND FITTING AS REQUIRED.
- PROVIDE AND INSTALL CUBE CORE RETURN AIR GRILLES IN CEILING AT LOCATIONS SHOWN. SEE GRILLE SCHEDULE FOR SIZES. TYPICAL ALL LOCATIONS.
- PROVIDE AND INSTALL MANUAL BALANCING DAMPERS AT ALL BRANCH DUCT TAKE-OFFS. ALL TYPICAL.

NUMBERED NOTES CONTINUED:

- ROUTE OUTSIDE AIR DUCT WITH MANUAL VOLUME DAMPER FROM RETURN TAP HIGH IN ATTIC SPACE AND UP TO ASSOCIATED GRAVITY VENTILATOR ON ROOF ABOVE. BALANCE TO QUANTITY OF FRESH AIR PER SCHEDULE. ROOF CURB, FLASHING, PATCHING, AND REPAIR OF ROOF BY CONTRACTOR. COORDINATE CURB WITH ROOF PITCH. ALL TYPICAL.
- PROVIDE AND INSTALL NEW CEILING MOUNTED EXHAUST FAN AT LOCATION SHOWN. SUPPORT EQUIPMENT WITH ALL THREAD ROD AND UNISTRUT FROM STRUCTURE ABOVE. ROUTE NEW LOW PRESSURE EXHAUST DUCT ABOVE CEILING AND TERMINATE WITH FIXED BLADE, EXTRUDED ALUMINUM, DRAINABLE, EXTERIOR WALL LOUVER WITH EXPANDED METAL BIRD SCREEN SIZED AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING WITH MATCHING MORTAR OR GROUT. BALANCE TO QUANTITY OF EXHAUST AIR PER SCHEDULE. TYPICAL.
- PROVIDE AND INSTALL 7 DAY PROGRAMMABLE, 2 STAGE HEAT/COOL ON/OFF LOW VOLTAGE THERMOSTAT AT LOCATION SHOWN. ROUTE CONTROL WIRING ABOVE CEILING AND DOWN IN WALLS FROM AIR HANDLER TO THERMOSTAT. PROVIDE TRANSFORMER, WIRING, THERMOSTAT, AND ELSE REQUIRED FOR COMPLETE INSTALLATION. MOUNT AT SAME HEIGHT AND ADJACENT TO LIGHT SWITCH. TYPICAL AS SHOWN.
- PROVIDE AND INSTALL NEW 4" DRYER VENT (DV) WITH BLOWER (DF) AT LOCATIONS SHOWN. SEE SCHEDULE FOR DETAILS. EACH BLOWER REQUIRES 110 V POWER CONNECTION. PROVIDE WIRING TO INTERLOCK WITH FUTURE DRYER ACTIVATION. ROUTE NEW 4" EXHAUST AIR DUCT ABOVE CEILING AND TERMINATE WITH DRYER EXHAUST VENT AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING AIR AND WATER TIGHT. COORDINATE FINAL HEIGHT AND LOCATION WITH ARCHITECTURAL. ALL TYPICAL.
- CONTRACTOR TO PROVIDE AND INSTALL NEW KITCHEN HOOD SYSTEM, CONTRACTOR TO PROVIDE AND INSTALL DUCTWORK. KITCHEN HOOD SYSTEM WITH INTEGRAL EXHAUST FAN, LIGHT FIXTURE, BAFFLE FILTERS. TERMINATE WITH MANUFACTURER'S WALL CAP. SEAL PERIMETER OF DUCT AT OPENING AIR AND WATER TIGHT. SEE SCHEDULE.
- PLACE HEAT PUMP UNIT AT LOCATION SHOWN. ROUTE NEW REFRIGERANT PIPING ABOVE GRADE TO EXTERIOR WALL AND TURN UP IN WALL TO ABOVE CEILING. ROUTE TO CORRESPONDING AIR HANDLER. INSULATE REFRIGERANT PIPING TO PREVENT CONDENSATION. SEAL PIPING PENETRATIONS WITH WATER PROOF CAULKING TO PREVENT WATER INTRUSION. SIZE AND INSTALL AS PER MANUFACTURER ACCORDING TO LENGTH AND ELEVATION. INSTALL CONDENSING UNITS ON 4" REINFORCED CONCRETE EQUIPMENT PAD.
- PROVIDE AND INSTALL WALL MOUNTED HVAC CASSETTE AT LOCATION SHOWN. INSTALL NEAR CEILING PER MANUFACTURE'S INSTALLATION INSTRUCTIONS. ROUTE REFRIGERANT PIPING AND ELECTRICAL POWER ABOVE CEILING TO ASSOCIATED CONDENSING UNIT AND STUB OUT FOR CONNECTION PER MANUFACTURER'S INSTALLATION REQUIREMENTS. DRAIN CONDENSATE PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. TYPICAL.
- PROVIDE AND INSTALL NEW EXPOSED, DOUBLE WALL SPIRAL, INSULATED, LOW PRESSURE GALVANIZED STEEL DUCT. THAT HAS BEEN CLEANED AND DEGREASED FOR PAINTING APPLICATION. NO EXPOSED MASTIC, GASKET SEALED AT JOINTS. CONNECTIONS TO BE SLIP JOINTS. PAINT DUCT AND ALL VISIBLE MECHANICAL COMPONENTS TO MATCH CEILING COLOR. HOLD HIGH TO STRUCTURE. TYPICAL.

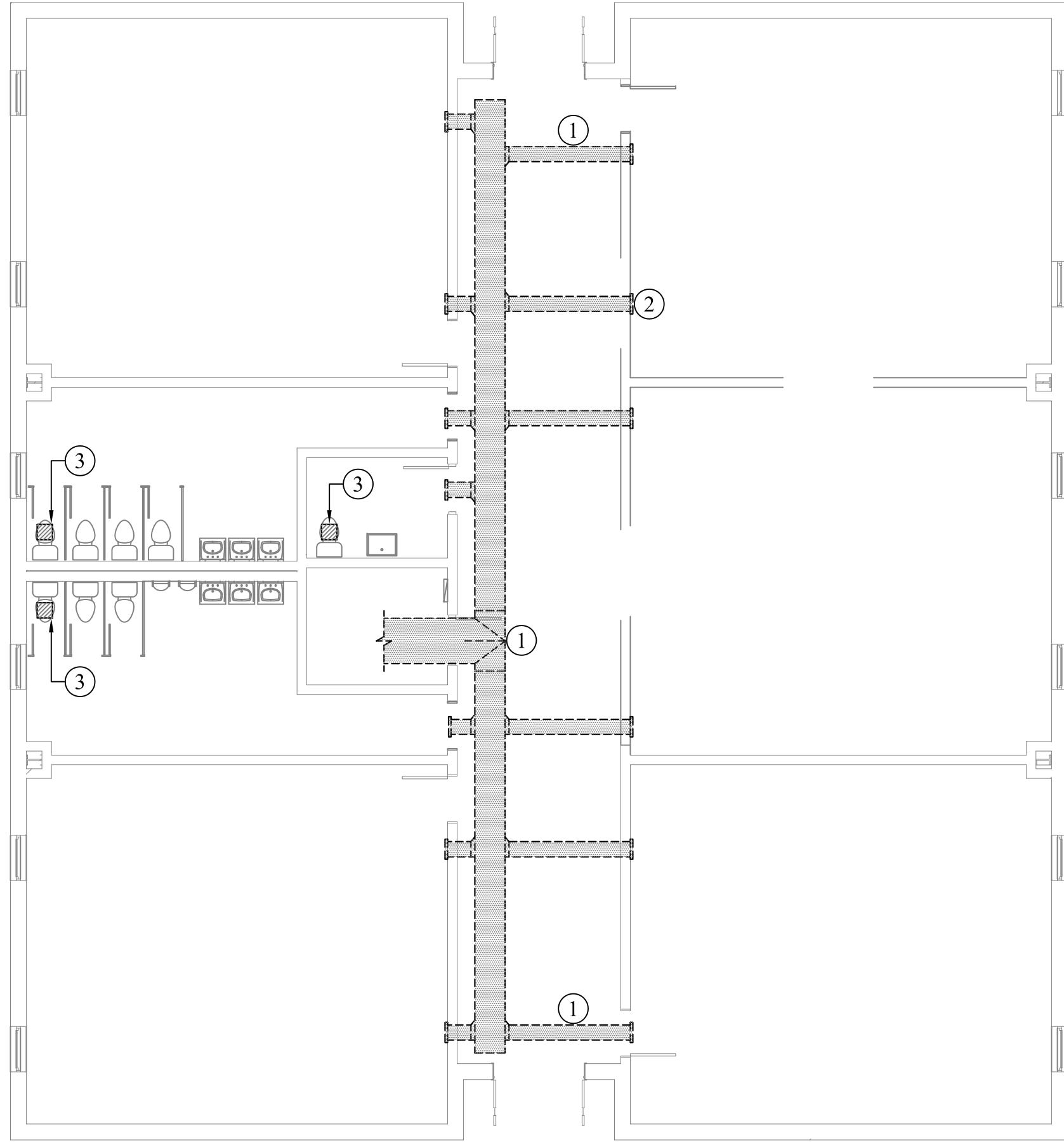
SUPPLY AIR DIFFUSER	
AIRFLOW	DUCT/NECK SIZE
0 - 100 CFM	6" ROUND
110 - 220 CFM	8" ROUND
225 - 400 CFM	10" ROUND
410 - 600 CFM	12" ROUND

FLOOR PLAN BUILDING "B" - HVAC
SCALE: 1/8" = 1' - 0"

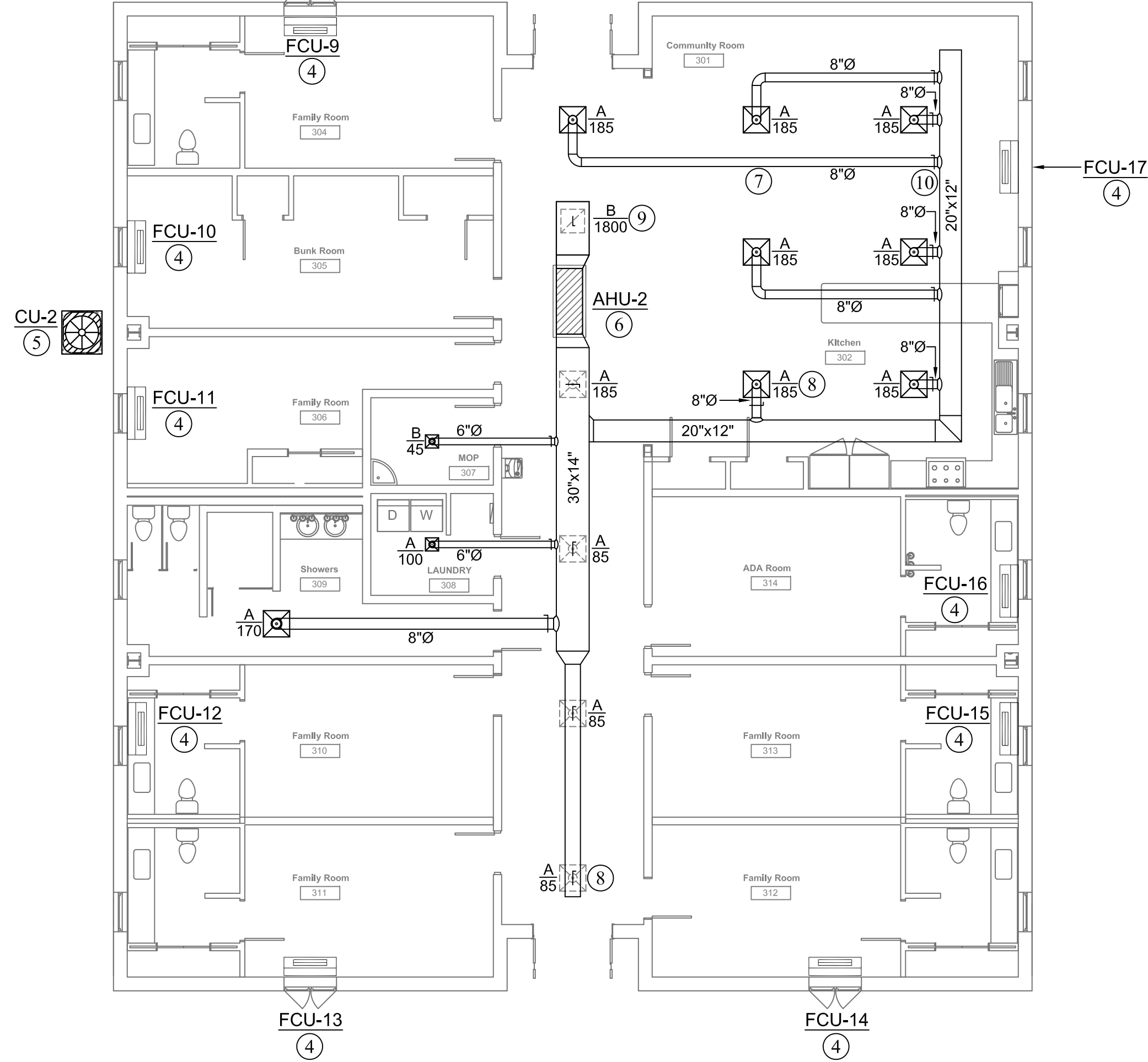


Construction Documents

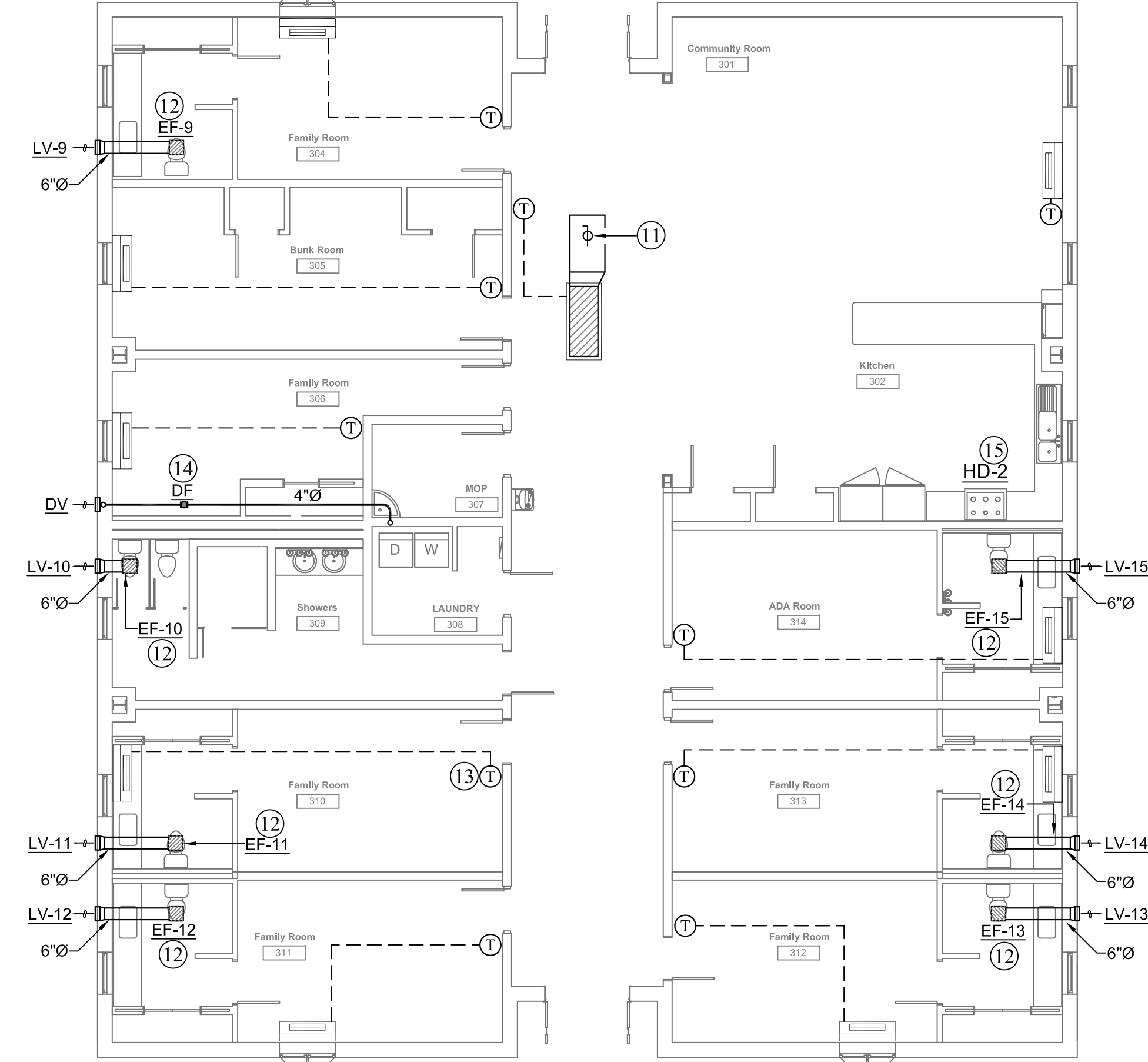
Revision Rev Date



FLOOR PLAN BUILDING "C" - HVAC - DEMOLITION
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "C" - HVAC - NEW WORK
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "C" - EXHAUST - NEW WORK
SCALE: 1/8" = 1' - 0"

NUMBERED NOTES:

- DISCONNECT AND REMOVE ALL DUCT SHOWN WITH DASHED LINES ON THIS DRAWING. REMOVE ASSOCIATED DUCT SUPPORTS. TYPICAL ALL LOCATIONS. (DESIGN INTENT IS TO REMOVE ALL EXISTING DUCT AT THE FACILITY) .
- DISCONNECT AND REMOVE EXISTING SIDEWALL MOUNTED AIR DEVICES AS SHOWN. TYPICAL ALL LOCATIONS.
- DISCONNECT AND REMOVE EXISTING CEILING MOUNTED EXHAUST FAN AT LOCATION SHOWN. REMOVE ASSOCIATED CONTROLS, ELECTRICAL POWER, AND DUCT WORK ASSOCIATED WITH THE EQUIPMENT. WALL FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. TYPICAL ALL LOCATIONS.
- PROVIDE AND INSTALL NEW FLOOR MOUNTED, VERTICAL FAN COIL UNIT AT LOCATION SHOWN. SUPPORT UNIT PER MANUFACTURER'S REQUIREMENTS. PROVIDE WITH MANUFACTURER'S WALL MOUNTED TEMPERATURE CONTROLLER. TYPICAL ALL FCUs SHOWN ON THIS SHEET.
- PROVIDE AND INSTALL NEW SPLIT SYSTEM CONDENSING UNIT IN LOCATIONS AS SHOWN. INSTALL ON 4" HIGH REINFORCED CONCRETE EQUIPMENT PAD. ROUTE NEW REFRIGERANT PIPING ABOVE GRADE TO EXTERIOR WALL AND TURN UP IN WALL TO POINT ABOVE CEILING; ROUTE TO ASSOCIATED AIR HANDLER (S) . SLEEVE PIPING THROUGH WALL AND SEAL AIR AND WATER TIGHT. EXTERIOR REFRIGERANT PIPING TO BE HARD DRAWN STRAIGHT LENGTHS OF COPPER BUNCHED AND ROUTED PARALLEL AND PERPENDICULAR TO BUILDING WALL. CONTINUE PIPING ABOVE THE CEILING TO AIR HANDLER. SIZE REFRIGERANT PIPING AND INSTALL AS PER MANUFACTURER'S INSTRUCTION. INSULATE REFRIGERANT PIPING TO PREVENT CONDENSATION. SEAL PIPING PENETRATIONS WITH WATER PROOF CAULKING TO PREVENT WATER INTRUSION. PAD TO BE LEVEL AND EXTEND 2-INCH BEYOND EQUIPMENT FOOTPRINT ON ALL SIDES. SEAL PIPING PENETRATIONS AIR AND WATER TIGHT.
- PROVIDE AND INSTALL HORIZONTAL SPLIT SYSTEM TYPE DX AIR HANDLER COMPLETE WITH CABINET, EVAPORATOR COIL, SUPPLY FAN, FILTER COMPARTMENT, GAS HEAT, AND ELSE. SUSPEND FROM STRUCTURE ABOVE WITH ALL THREAD ROD, UNISTRUT, AND SPRING ISOLATORS. SEE DETAIL FOR TYPICAL INSTALLATION.
- PROVIDE AND INSTALL NEW LOW PRESSURE SUPPLY DUCT SIZED AND ROUTED AS SHOWN. TYPICAL.

NUMBERED NOTES CONTINUED:

- PROVIDE AND INSTALL NEW CEILING MOUNTED SUPPLY GRILLES IN LOCATIONS SHOWN. CONNECT TO NEW DUCT WITH TRANSITION AND FITTING AS REQUIRED.
- PROVIDE AND INSTALL CUBE CORE RETURN AIR GRILLES IN CEILING AT LOCATIONS SHOWN. SEE GRILLE SCHEDULE FOR SIZES. TYPICAL ALL LOCATIONS.
- PROVIDE AND INSTALL MANUAL BALANCING DAMPERS AT ALL BRANCH DUCT TAKE-OFFS. ALL TYPICAL.
- ROUTE OUTSIDE AIR DUCT WITH MANUAL VOLUME DAMPER FROM RETURN TAP HIGH IN ATTIC SPACE AND UP TO ASSOCIATED GRAVITY VENTILATOR ON ROOF ABOVE. BALANCE TO QUANTITY OF FRESH AIR PER SCHEDULE. ROOF CURB, FLASHING, PATCHING, AND REPAIR OF ROOF BY CONTRACTOR. COORDINATE CURB WITH ROOF PITCH. ALL TYPICAL.
- PROVIDE AND INSTALL NEW CEILING MOUNTED EXHAUST FAN AT LOCATION SHOWN. SUPPORT EQUIPMENT WITH ALL THREAD ROD AND UNISTRUT FROM STRUCTURE ABOVE. ROUTE NEW LOW PRESSURE EXHAUST DUCT ABOVE CEILING AND TERMINATE WITH FIXED BLADE, EXTRUDED ALUMINUM, DRAINABLE, EXTERIOR WALL LOUVER WITH EXPANDED METAL BIRD SCREEN SIZED AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING WITH MATCHING MORTAR OR GROUT. BALANCE TO QUANTITY OF EXHAUST AIR PER SCHEDULE.
- PROVIDE AND INSTALL 7 DAY PROGRAMMABLE, 2 STAGE HEAT/COOL ON/OFF LOW VOLTAGE THERMOSTAT AT LOCATION SHOWN. ROUTE CONTROL WIRING ABOVE CEILING AND DOWN IN WALLS FROM AIR HANDLER TO THERMOSTAT. PROVIDE TRANSFORMER, WIRING, THERMOSTAT, AND ELSE REQUIRED FOR COMPLETE INSTALLATION. MOUNT AT SAME HEIGHT AND ADJACENT TO LIGHT SWITCH. TYPICAL AS SHOWN.
- PROVIDE AND INSTALL NEW 4" DRYER VENT (DV) WITH BLOWER (DF) AT LOCATIONS SHOWN. SEE SCHEDULE FOR DETAILS. EACH BLOWER REQUIRES 110 V POWER CONNECTION. PROVIDE WIRING TO INTERLOCK WITH FUTURE DRYER ACTIVATION. ROUTE NEW 4" EXHAUST AIR DUCT ABOVE CEILING AND TERMINATE WITH DRYER EXHAUST VENT AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING AIR AND WATER TIGHT. COORDINATE FINAL HEIGHT AND LOCATION WITH ARCHITECTURAL. ALL TYPICAL.
- CONTRACTOR TO PROVIDE AND INSTALL NEW KITCHEN HOOD SYSTEM, CONTRACTOR TO PROVIDE AND INSTALL DUCTWORK. KITCHEN HOOD SYSTEM WITH INTEGRAL EXHAUST FAN, LIGHT FIXTURE, BAFFLE FILTERS. TERMINATE WITH MANUFACTURER'S WALL CAP. SEAL PERIMETER OF DUCT AT OPENING AIR AND WATER TIGHT. SEE SCHEDULE.

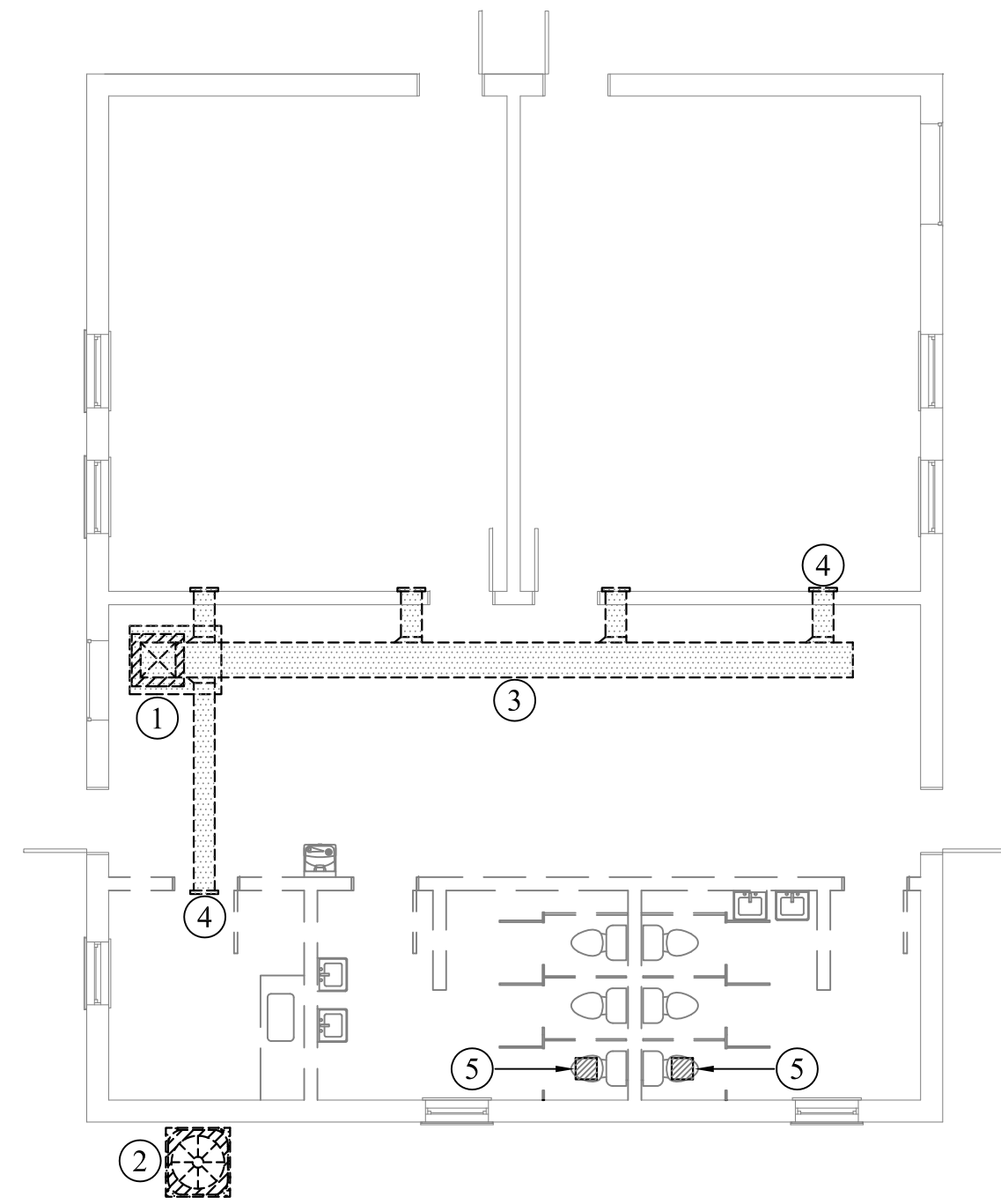
SUPPLY AIR DIFFUSER	
AIRFLOW	DUCT/NECK SIZE
0 - 100 CFM	6" ROUND
110 - 220 CFM	8" ROUND
225 - 400 CFM	10" ROUND
410 - 600 CFM	12" ROUND

FLOOR PLAN BUILDING "C" - HVAC
SCALE: 1/8" = 1' - 0"

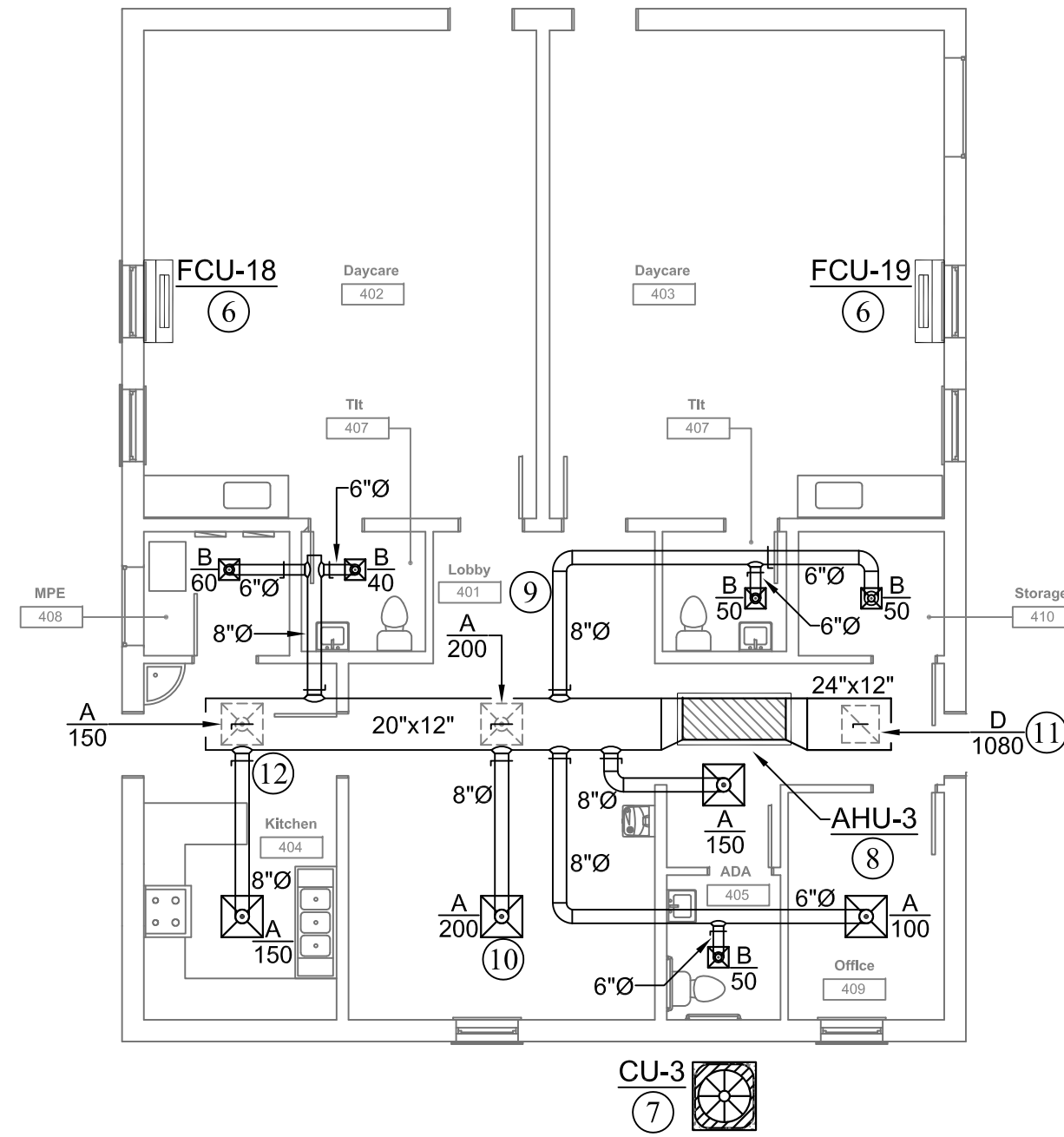


Construction Documents

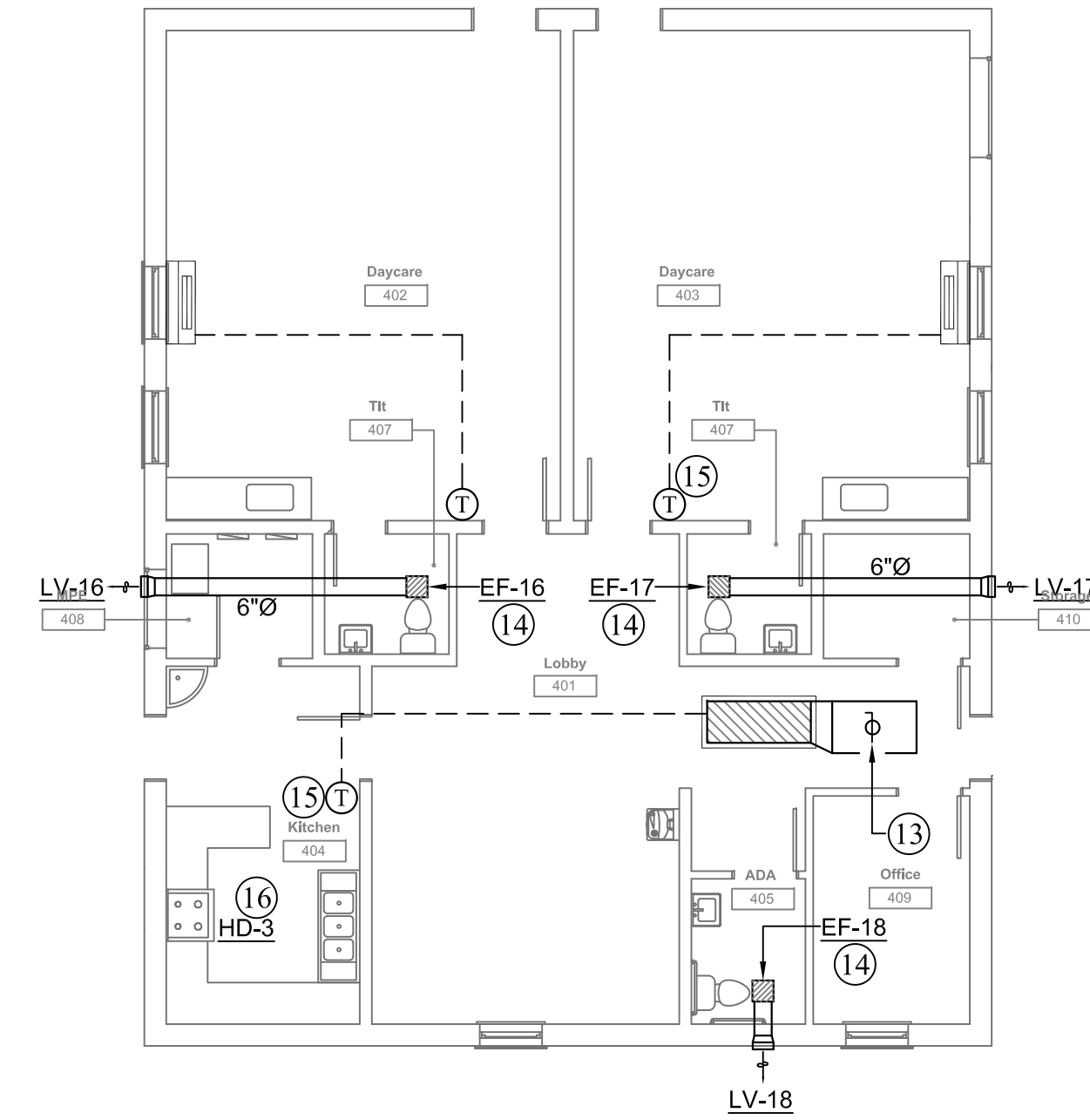
Revision Rev Date



FLOOR PLAN BUILDING "D" - HVAC - DEMOLITION
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "D" - HVAC - NEW WORK
SCALE: 1/8" = 1' - 0"



FLOOR PLAN BUILDING "D" - EXHAUST - NEW WORK
SCALE: 1/8" = 1' - 0"

NUMBERED NOTES:

- ① CONTRACTOR TO DISCONNECT THE EXISTING VERTICAL A/C UNIT WITH ASSOCIATED DX EVAPORATOR COIL, DUCTWORK, HANGERS, AND ELSE AS CURRENTLY PRESENT. REMOVE ALL DUCTWORK, REFRIGERANT PIPING, SUPPORTS, AND CONTROL WIRING. CAP CONDENSATE WASTE DRAINS AND PREPARE FOR INSTALLATION OF NEW UNIT. WALL PENETRATIONS, FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. TYPICAL.
- ② CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING CONDENSING UNIT AT LOCATIONS SHOWN. REMOVE ALL ASSOCIATED REFRIGERANT PIPING, SUPPORTS, AND CONTROL WIRING. WALL PENETRATIONS, FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. CONCRETE PAD TO REMAIN; MODIFY AS/IF REQUIRED FOR NEW EQUIPMENT. ALL TYPICAL.
- ③ DISCONNECT AND REMOVE ALL DUCT SHOWN WITH DASHED LINES ON THIS DRAWING. REMOVE ASSOCIATED DUCT SUPPORTS. TYPICAL ALL LOCATIONS. (DESIGN INTENT IS TO REMOVE ALL EXISTING DUCT AT THE FACILITY) .
- ④ DISCONNECT AND REMOVE EXISTING SIDEWALL MOUNTED AIR DEVICES AS SHOWN. TYPICAL ALL LOCATIONS.
- ⑤ DISCONNECT AND REMOVE EXISTING CEILING MOUNTED EXHAUST FAN AT LOCATION SHOWN. REMOVE ASSOCIATED CONTROLS, ELECTRICAL POWER, AND DUCT WORK ASSOCIATED WITH THE EQUIPMENT. WALL FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. TYPICAL ALL LOCATIONS.
- ⑥ PROVIDE AND INSTALL NEW FLOOR MOUNTED, VERTICAL FAN COIL UNIT AT LOCATION SHOWN. SUPPORT UNIT PER MANUFACTURER'S REQUIREMENTS. PROVIDE WITH MANUFACTURER'S WALL MOUNTED TEMPERATURE CONTROLLER. TYPICAL ALL FCUs SHOWN ON THIS SHEET.
- ⑦ PROVIDE AND INSTALL NEW SPLIT SYSTEM CONDENSING UNIT IN LOCATIONS AS SHOWN. INSTALL ON 4" HIGH REINFORCED CONCRETE EQUIPMENT PAD. ROUTE NEW REFRIGERANT PIPING ABOVE GRADE TO EXTERIOR WALL AND TURN UP IN WALL TO POINT ABOVE CEILING; ROUTE TO ASSOCIATED AIR HANDLER (S) . SLEEVE PIPING THROUGH WALL AND SEAL AIR AND WATER TIGHT. EXTERIOR REFRIGERANT PIPING TO BE HARD DRAWN STRAIGHT LENGTHS OF COPPER BUNCHED AND ROUTED PARALLEL AND PERPENDICULAR TO BUILDING WALL. CONTINUE PIPING ABOVE THE CEILING TO AIR HANDLER. SIZE REFRIGERANT PIPING AND INSTALL AS PER MANUFACTURER'S INSTRUCTION. INSULATE REFRIGERANT PIPING TO PREVENT CONDENSATION. SEAL PIPING PENETRATIONS WITH WATER PROOF CAULKING TO PREVENT WATER INTRUSION. PAD TO BE LEVEL AND EXTEND 2-INCH BEYOND EQUIPMENT FOOTPRINT ON ALL SIDES. SEAL PIPING PENETRATIONS AIR AND WATER TIGHT.
- ⑧ PROVIDE AND INSTALL HORIZONTAL SPLIT SYSTEM TYPE DX AIR HANDLER COMPLETE WITH CABINET, EVAPORATOR COIL, SUPPLY FAN, FILTER COMPARTMENT, GAS HEAT, AND ELSE. SUSPEND FROM STRUCTURE ABOVE WITH ALL THREAD ROD, UNISTRUT, AND SPRING ISOLATORS. SEE DETAIL FOR TYPICAL INSTALLATION.
- ⑨ PROVIDE AND INSTALL NEW LOW PRESSURE SUPPLY DUCT SIZED AND ROUTED AS SHOWN. TYPICAL.

NUMBERED NOTES CONTINUED:

- ⑩ PROVIDE AND INSTALL NEW CEILING MOUNTED SUPPLY GRILLES IN LOCATIONS SHOWN. CONNECT TO NEW DUCT WITH TRANSITION AND FITTING AS REQUIRED.
- ⑪ PROVIDE AND INSTALL CUBE CORE RETURN AIR GRILLES IN CEILING AT LOCATIONS SHOWN. SEE GRILLE SCHEDULE FOR SIZES. TYPICAL ALL LOCATIONS.
- ⑫ PROVIDE AND INSTALL MANUAL BALANCING DAMPERS AT ALL BRANCH DUCT TAKE-OFFS. ALL TYPICAL.
- ⑬ ROUTE OUTSIDE AIR DUCT WITH MANUAL VOLUME DAMPER FROM RETURN TAP HIGH IN ATTIC SPACE AND UP TO ASSOCIATED GRAVITY VENTILATOR ON ROOF ABOVE. BALANCE TO QUANTITY OF FRESH AIR PER SCHEDULE. ROOF CURB, FLASHING, PATCHING, AND REPAIR OF ROOF BY CONTRACTOR. COORDINATE CURB WITH ROOF PITCH. ALL TYPICAL.
- ⑭ PROVIDE AND INSTALL NEW CEILING MOUNTED EXHAUST FAN AT LOCATION SHOWN. SUPPORT EQUIPMENT WITH ALL THREAD ROD AND UNISTRUT FROM STRUCTURE ABOVE. ROUTE NEW LOW PRESSURE EXHAUST DUCT ABOVE CEILING AND TERMINATE WITH FIXED BLADE, EXTRUDED ALUMINUM, DRAINABLE, EXTERIOR WALL LOUVER WITH EXPANDED METAL BIRD SCREEN SIZED AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING WITH MATCHING MORTAR OR GROUT. BALANCE TO QUANTITY OF EXHAUST AIR PER SCHEDULE.
- ⑮ PROVIDE AND INSTALL 7 DAY PROGRAMMABLE, 2 STAGE HEAT/COOL ON/OFF LOW VOLTAGE THERMOSTAT AT LOCATION SHOWN. ROUTE CONTROL WIRING ABOVE CEILING AND DOWN IN WALLS FROM AIR HANDLER TO THERMOSTAT. PROVIDE TRANSFORMER, WIRING, THERMOSTAT, AND ELSE REQUIRED FOR COMPLETE INSTALLATION. MOUNT AT SAME HEIGHT AND ADJACENT TO LIGHT SWITCH. TYPICAL AS SHOWN.
- ⑯ CONTRACTOR TO PROVIDE AND INSTALL NEW KITCHEN HOOD SYSTEM, CONTRACTOR TO PROVIDE AND INSTALL DUCTWORK, KITCHEN HOOD SYSTEM WITH INTEGRAL EXHAUST FAN, LIGHT FIXTURE, BAFFLE FILTERS. TERMINATE WITH MANUFACTURER'S WALL CAP. SEAL PERIMETER OF DUCT AT OPENING AIR AND WATER TIGHT. SEE SCHEDULE.

SUPPLY AIR DIFFUSER

AIRFLOW	DUCT/NECK SIZE
0 - 100 CFM	6" ROUND
110 - 220 CFM	8" ROUND
225 - 400 CFM	10" ROUND
410 - 600 CFM	12" ROUND

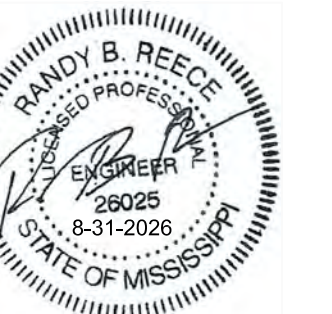
FLOOR PLAN BUILDING "D" - HVAC
SCALE: 1/8" = 1' - 0"

Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

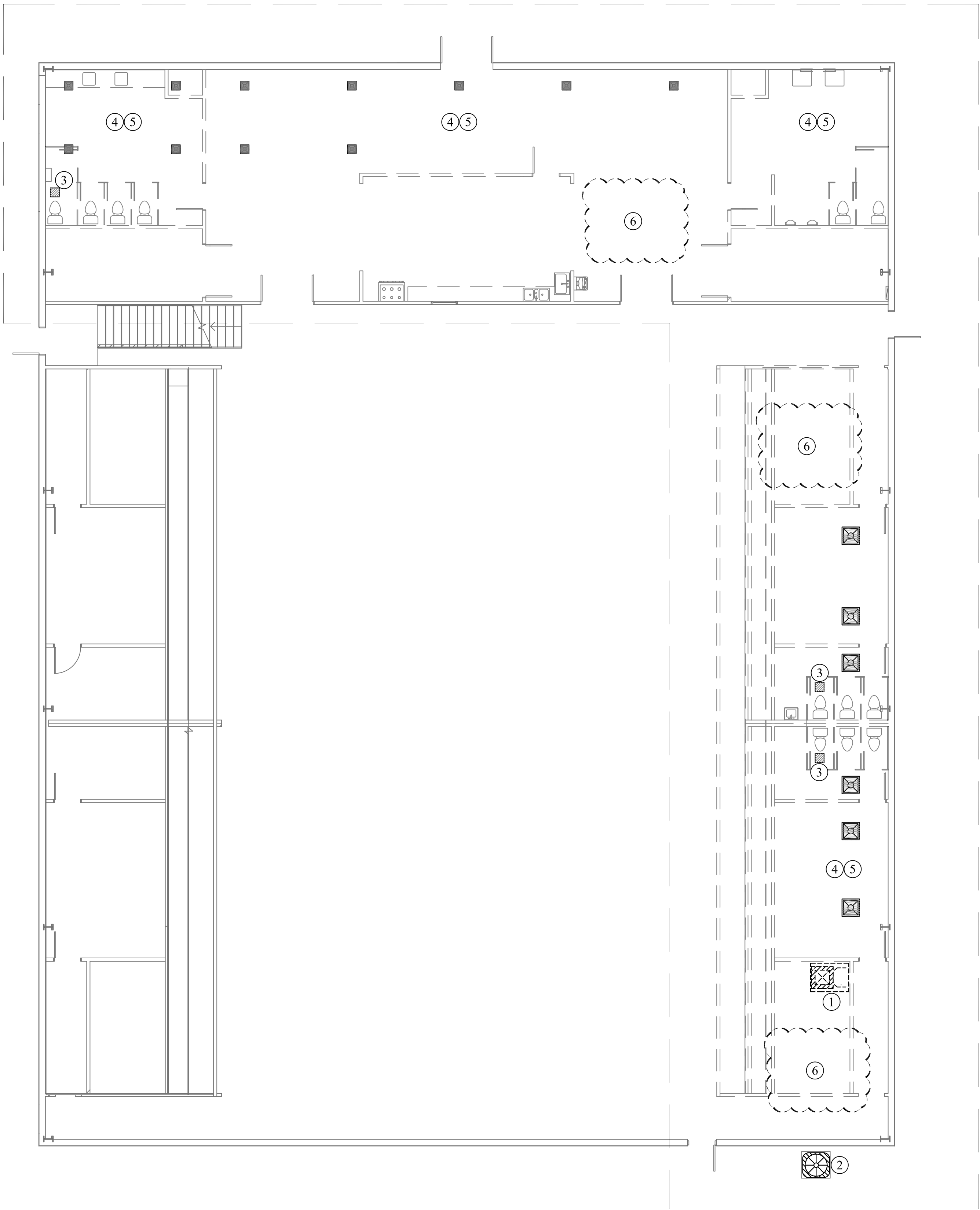
Existing Remodel



Construction Documents

Revision Rev Date

M005



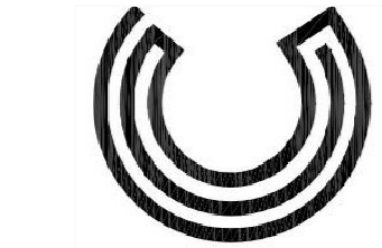
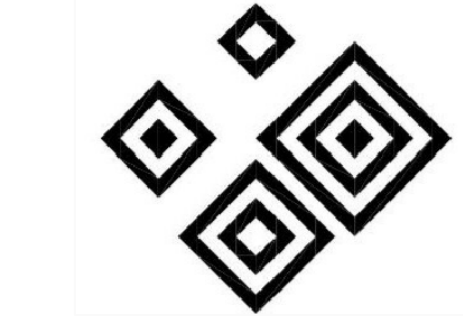
NUMBERED NOTES:

- ① CONTRACTOR TO DISCONNECT THE EXISTING VERTICAL A/C UNIT WITH ASSOCIATED DX EVAPORATOR COIL, DUCTWORK, HANGERS, AND ELSE AS CURRENTLY PRESENT. REMOVE ALL DUCTWORK, REFRIGERANT PIPING, NATURAL GAS PIPING, SUPPORTS, AND CONTROL WIRING, CAP CONDENSATE WASTE DRAINS AND PREPARE FOR INSTALLATION OF NEW UNIT. WALL PENETRATIONS, FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. TYPICAL.
- ② CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING CONDENSING UNIT AT LOCATIONS SHOWN. REMOVE ALL ASSOCIATED REFRIGERANT PIPING, SUPPORTS, AND CONTROL WIRING. WALL PENETRATIONS, FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. CONCRETE PAD TO REMAIN; MODIFY AS/IF REQUIRED FOR NEW EQUIPMENT. ALL TYPICAL.
- ③ DISCONNECT AND REMOVE EXISTING CEILING MOUNTED EXHAUST FAN AT LOCATION SHOWN. REMOVE ASSOCIATED CONTROLS, ELECTRICAL POWER, AND DUCT WORK ASSOCIATED WITH THE EQUIPMENT. WALL FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. TYPICAL ALL LOCATIONS.
- ④ DISCONNECT AND REMOVE ALL DUCT SHOWN WITH DASHED LINES ON THIS DRAWING. REMOVE ASSOCIATED DUCT SUPPORTS. TYPICAL ALL LOCATIONS. (DESIGN INTENT IS TO REMOVE ALL EXISTING DUCT AT THE FACILITY) .
- ⑤ DISCONNECT AND REMOVE EXISTING SIDEWALL & CEILING MOUNTED AIR DEVICES AS SHOWN. TYPICAL ALL LOCATIONS.
- ⑥ DESIGN INTENT IS TO DISCONNECT AND REMOVE ALL MECHANICAL A/C SYSTEMS AND COMPONENTS WITHIN INDICATED AREA. THIS INCLUDES, BUT ISN'T LIMITED TO, ALL SUPPLY AIR DUCT, RETURN AIR DUCT, EXHAUST AIR DUCT, OUTSIDE AIR DUCT, CEILING AIR DEVICES, EXHAUST FANS, THERMOSTATS, REFRIGERANT PIPING, NATURAL GAS PIPING, CONTROLS AND CONTROLS WIRING, AND ALL ELSE ASSOCIATED WITH THE MECHANICAL SYSTEMS IN PLACE.



FIRST FLOOR PLAN BUILDING "E" - HVAC - DEMOLITION
SCALE: 1/8" = 1' - 0"

Mercy House Womens Campus

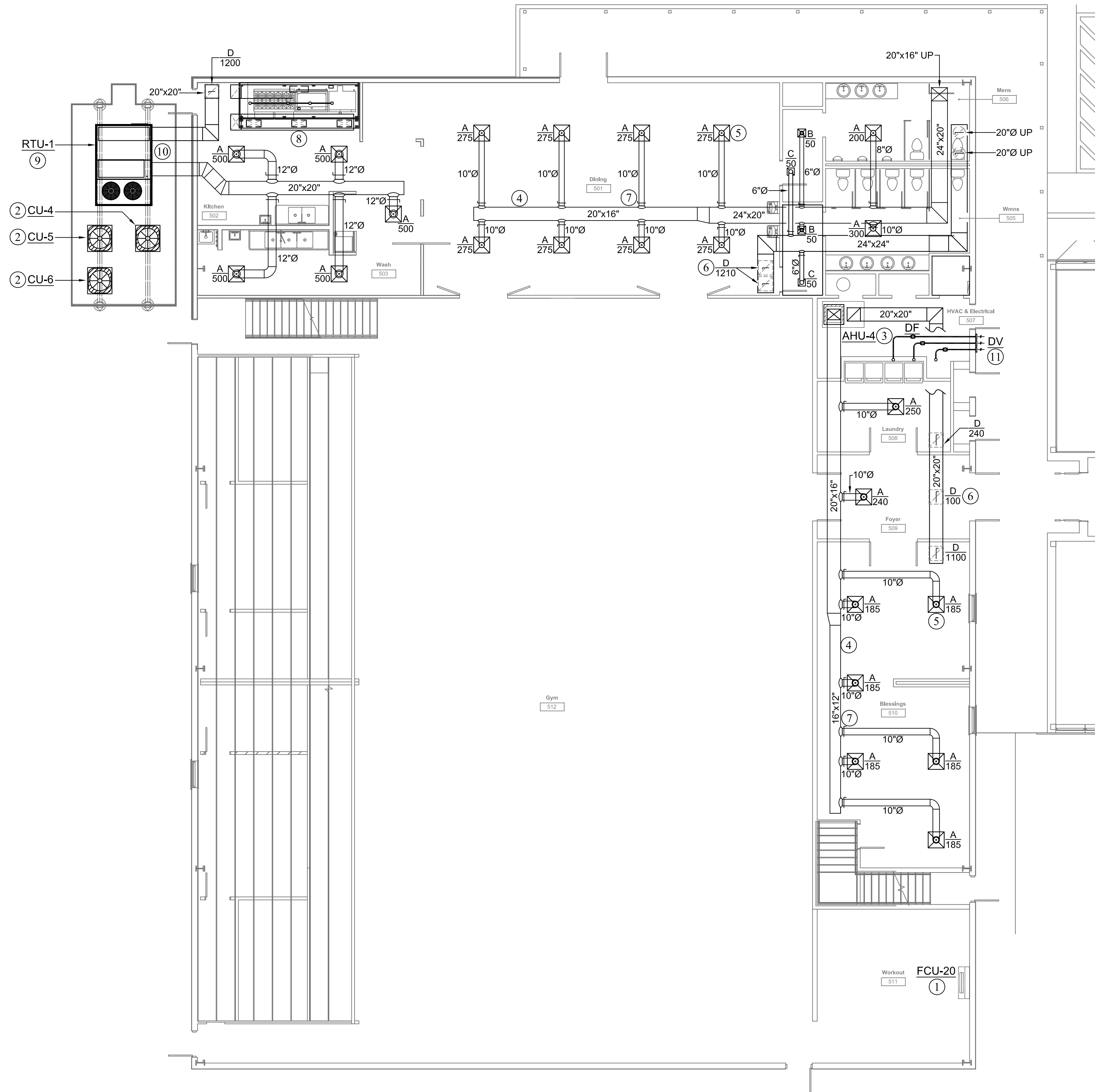


Construction Documents

Revision	Rev Date

M006

Project No 20241215001 Date 6/5/2026
5257 Learned Rd., Learned, MS 39154
Existing Remodel



NUMBERED NOTES:

- 1 PROVIDE AND INSTALL NEW FLOOR MOUNTED, VERTICAL FAN COIL UNIT AT LOCATION SHOWN. SUPPORT UNIT PER MANUFACTURER'S REQUIREMENTS. PROVIDE WITH MANUFACTURER'S WALL MOUNTED TEMPERATURE CONTROLLER. TYPICAL ALL FCUs SHOWN ON THIS SHEET.
- 2 PROVIDE AND INSTALL NEW SPLIT SYSTEM CONDENSING UNIT IN LOCATIONS AS SHOWN. INSTALL ON 4" HIGH REINFORCED CONCRETE EQUIPMENT PAD. ROUTE NEW REFRIGERANT PIPING ABOVE GRADE TO EXTERIOR WALL AND TURN UP IN WALL TO POINT ABOVE CEILING; ROUTE TO ASSOCIATED AIR HANDLER (S). SLEEVE PIPING THROUGH WALL AND SEAL AIR AND WATER TIGHT. EXTERIOR REFRIGERANT PIPING TO BE HARD DRAWN STRAIGHT LENGTHS OF COPPER BUNDLED AND ROUTED PARALLEL AND PERPENDICULAR TO BUILDING WALL. CONTINUE PIPING ABOVE THE CEILING TO AIR HANDLER. SIZE REFRIGERANT PIPING AND INSTALL AS PER MANUFACTURER'S INSTRUCTION. INSULATE REFRIGERANT PIPING TO PREVENT CONDENSATION. SEAL PIPING PENETRATIONS WITH WATER PROOF CAULKING TO PREVENT WATER INTRUSION. PAD TO BE LEVEL AND EXTEND 2-INCH BEYOND EQUIPMENT FOOTPRINT ON ALL SIDES. SEAL PIPING PENETRATIONS AIR AND WATER TIGHT.
- 3 PROVIDE AND INSTALL VERTICAL SPLIT SYSTEM TYPE DX AIR HANDLER COMPLETE WITH CABINET, EVAPORATOR COIL, SUPPLY FAN, FILTER COMPARTMENT, GAS HEAT, AND ELSE. SUSPEND FROM STRUCTURE ABOVE WITH ALL THREAD ROD, UNISTRUT, AND SPRING ISOLATORS. SEE DETAIL FOR TYPICAL INSTALLATION.
- 4 PROVIDE AND INSTALL NEW LOW PRESSURE SUPPLY DUCT SIZED AND ROUTED AS SHOWN. TYPICAL.
- 5 PROVIDE AND INSTALL NEW CEILING MOUNTED SUPPLY GRILLES IN LOCATIONS SHOWN. CONNECT TO NEW DUCT WITH TRANSITION AND FITTING AS REQUIRED.
- 6 PROVIDE AND INSTALL CUBE CORE RETURN AIR GRILLES IN CEILING AT LOCATIONS SHOWN. SEE GRILLE SCHEDULE FOR SIZES. TYPICAL ALL LOCATIONS.
- 7 PROVIDE AND INSTALL MANUAL BALANCING DAMPERS AT ALL BRANCH DUCT TAKE-OFFS. ALL TYPICAL.
- 8 PROVIDE AND INSTALL STAINLESS STEEL KITCHEN HOOD. INCLUDE EXHAUST/SUPPLY FANS, CONTROL PANELS, LIGHTS, FILTERS, FIRE SUPPRESSION, GREASE CUP, TEMPERATURE SENSOR, ANY OTHER CODE REQUIRED COMPONENTS. ROUTE WELDED GREASE EXHAUST DUCT UP EXHAUST COLLAR UP TO UPBLAST GREASE VAPOR TYPE CENTRIFUGAL EXHAUST FAN AND SUPPLY DUCT FROM SUPPLY FAN DOWN TO SUPPLY PLENUM. TRANSITION DUCTS TO FANS AND HOODS AS REQUIRED. EXHAUST DUCT TO BE SEAMLESS, WELDED, 16 GAUGE, STAINLESS STEEL. GREASE DUCT, SUPPLY DUCT TO BE GALVANIZED DUCT EXTERNAL INSULATED. INSTALL PER MANUFACTURERS RECOMMENDATIONS, IMC 2015 AND LOCAL CODE. SLOPE EXHAUST DUCT 1/8" PER FOOT TOWARD HOOD.
- 9 PROVIDE AND INSTALL NEW PACKAGED AIR CONDITIONERS IN LOCATIONS SHOWN. UNITS TO BE MOUNTED ON 6" REINFORCED CONCRETE PAD. UNITS WILL BE HORIZONTAL SUPPLY AND DISCHARGE INTO THE EXTERIOR WALL OF THE BUILDING.
- 10 ROUTE RECTANGULAR SUPPLY AND RETURN DUCT FROM UNIT CONNECTION OVER TO EXTERIOR WALL AT ABOVE CEILING LEVEL AND PENETRATE EXTERIOR WALL. PROVIDE STEEL Lintel SUPPORT AT PENETRATION. COORDINATE EXTERIOR WALL PENETRATION WITH GENERAL CONTRACTOR. FLASH TOP OF DUCT AT WALL TO PREVENT WATER INTRUSION. PROVIDE WATER PROOF ELASTOMERIC COATING OF DUCT THAT IS AT BUILDING EXTERIOR. WALL TO BE SEALED AT PENETRATION AIR AND WATER TIGHT. SUPPORT DUCT SO THAT WEIGHT OF DUCT DOES NOT REST ON AHU CONNECTION OR ON WALL. COORDINATE WITH ARCHITECTURAL ON FINAL HEIGHT. CONTINUE DUCT ROUTING ABOVE CEILING AS SHOWN.
- 11 PROVIDE AND INSTALL NEW 4" DRYER VENT (DV) WITH BLOWER (DF) AT LOCATIONS SHOWN. SEE SCHEDULE FOR DETAILS. EACH BLOWER REQUIRES 110 V POWER CONNECTION. PROVIDE WIRING TO INTERLOCK WITH FUTURE DRYER ACTIVATION. ROUTE NEW 4" Ø EXHAUST AIR DUCT ABOVE CEILING AND TERMINATE WITH DRYER EXHAUST VENT AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING AIR AND WATER TIGHT. COORDINATE FINAL HEIGHT AND LOCATION WITH ARCHITECTURAL. ALL TYPICAL ALL LOCATIONS SHOWN.

SUPPLY AIR DIFFUSER

AIRFLOW	DUCT/NECK SIZE
0 - 100 CFM	6" ROUND
110 - 220 CFM	8" ROUND
225 - 400 CFM	10" ROUND
410 - 600 CFM	12" ROUND



FIRST FLOOR PLAN BUILDING "E" - HVAC - NEW WORK
SCALE: 1/8" = 1' - 0"

Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

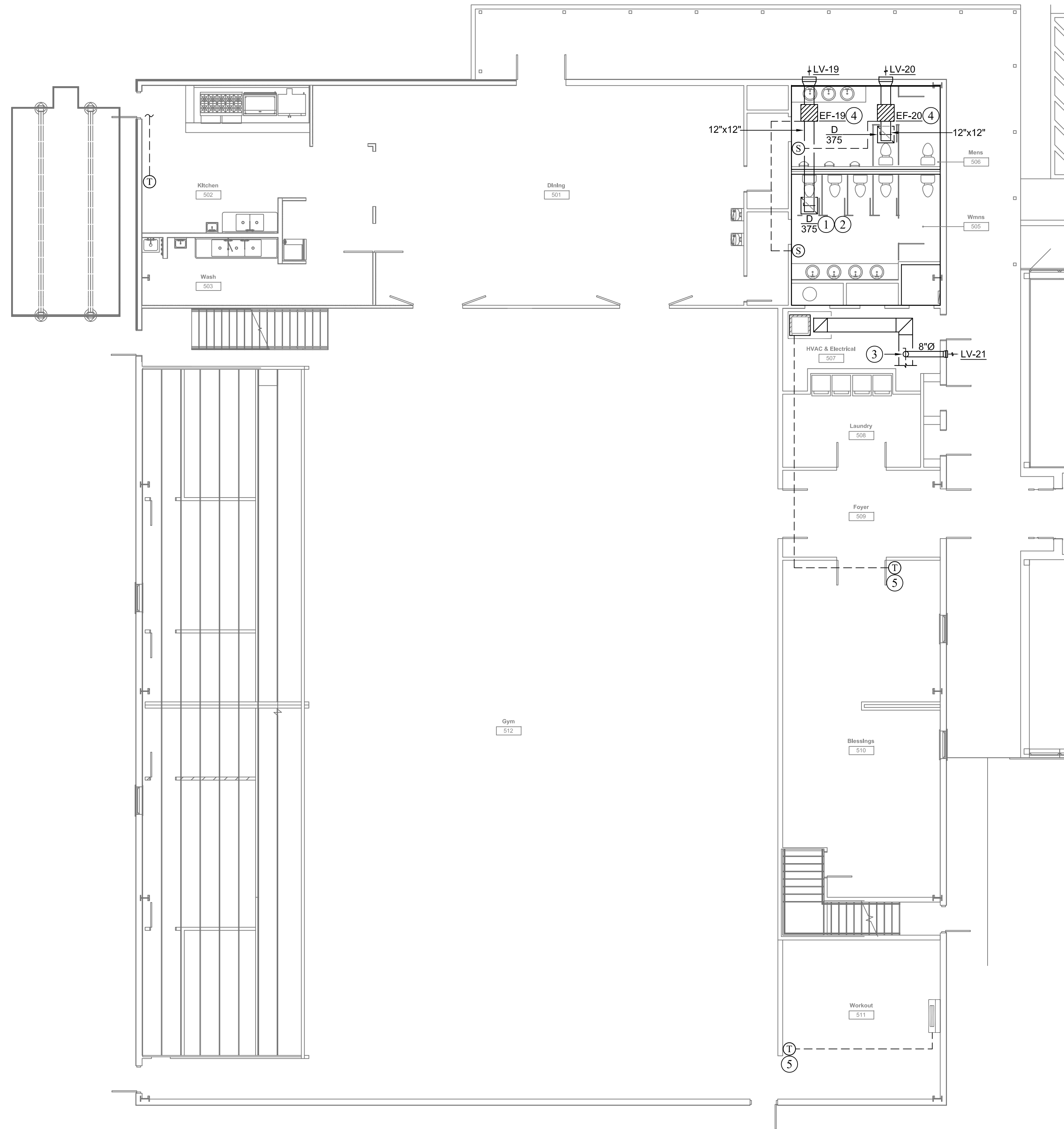
Existing Remodel



Construction Documents

Revision	Rev Date
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M007



NUMBERED NOTES:

- ① PROVIDE AND INSTALL CUBE CORE EXHAUST AIR GRILLES IN CEILING AT LOCATIONS SHOWN. SEE GRILLE SCHEDULE FOR SIZES. TYPICAL ALL LOCATIONS.
- ② PROVIDE AND INSTALL MANUAL BALANCING DAMPERS AT ALL BRANCH DUCT TAKE-OFFS. ALL TYPICAL.
- ③ ROUTE OUTSIDE AIR DUCT WITH MANUAL VOLUME DAMPER FROM RETURN TAP HIGH IN ATTIC SPACE AND TERMINATE WITH FIXED BLADE, EXTRUDED ALUMINUM, DRAINABLE, EXTERIOR WALL LOUVER WITH EXPANDED METAL BIRD SCREEN SIZED AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING WITH MATCHING MORTAR OR GROUT. BALANCE TO QUANTITY OF EXHAUST AIR PER SCHEDULE.
- ④ PROVIDE AND INSTALL NEW CENTRIFUGAL INLINE EXHAUST FAN ABOVE CEILING. SUPPORT EQUIPMENT WITH ALL THREAD ROD AND UNISTRUT FROM STRUCTURE ABOVE. ROUTE NEW LOW PRESSURE EXHAUST DUCT ABOVE CEILING AND TERMINATE WITH FIXED BLADE, EXTRUDED ALUMINUM, DRAINABLE, EXTERIOR WALL LOUVER WITH EXPANDED METAL BIRD SCREEN SIZED AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING WITH MATCHING MORTAR OR GROUT. BALANCE TO QUANTITY OF EXHAUST AIR PER SCHEDULE.
- ⑤ PROVIDE AND INSTALL 7 DAY PROGRAMMABLE, 2 STAGE HEAT/COOL ON/OFF LOW VOLTAGE THERMOSTAT AT LOCATION SHOWN. ROUTE CONTROL WIRING ABOVE CEILING AND DOWN IN WALLS FROM AIR HANDLER TO THERMOSTAT. PROVIDE TRANSFORMER, WIRING, THERMOSTAT, AND ELSE REQUIRED FOR COMPLETE INSTALLATION. MOUNT AT SAME HEIGHT AND ADJACENT TO LIGHT SWITCH. TYPICAL AS SHOWN.



FIRST FLOOR PLAN BUILDING "E" - EXHAUST - NEW WORK
SCALE: 1/8" = 1' - 0"

Mercy House Womens Campus

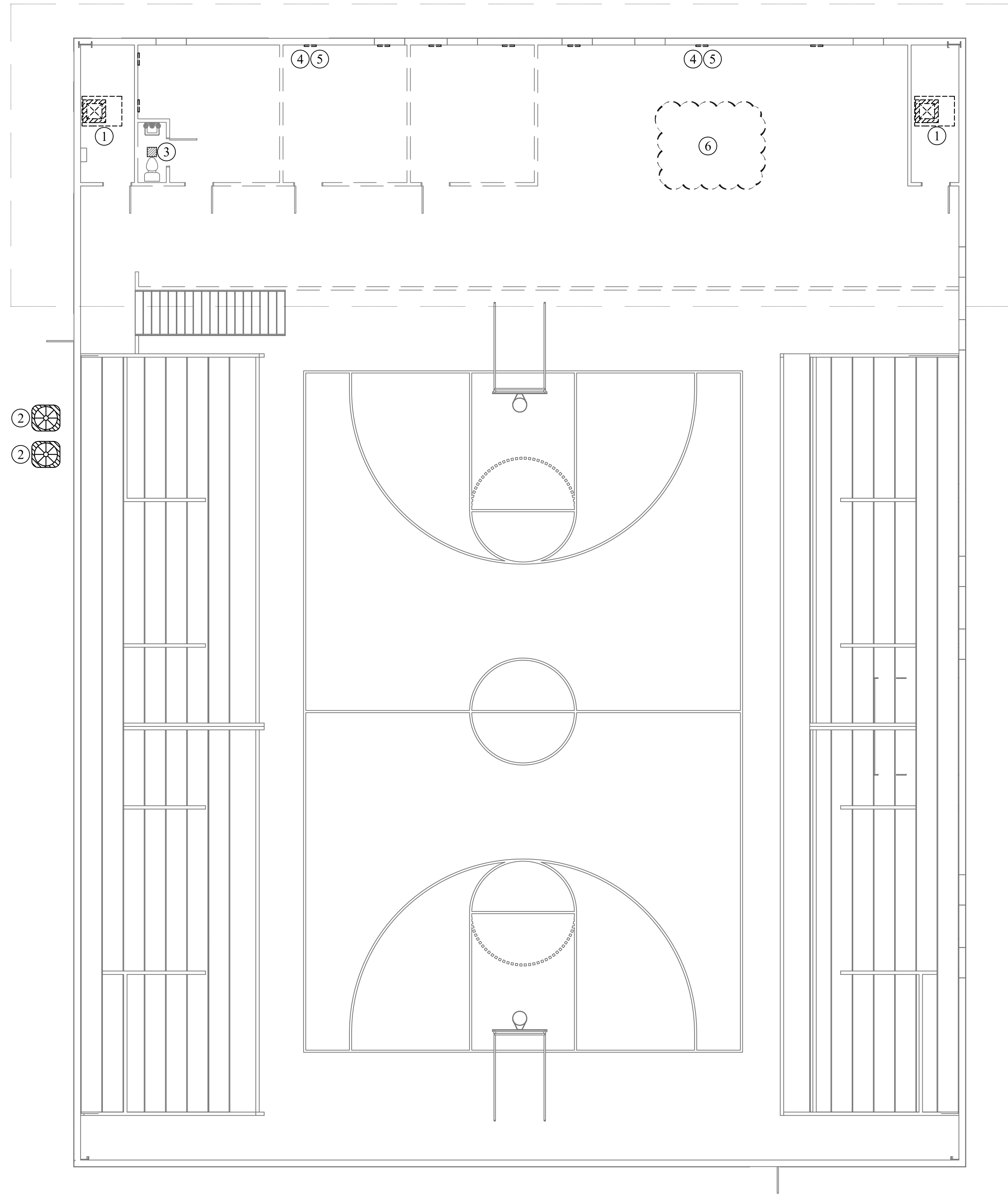


Construction Documents	
Revision	Rev Date

M008



Project No 20241215001 Date 6/5/2026
5257 Learned Rd., Leamed, MS 39154
Existing Remodel



NUMBERED NOTES:

- ① CONTRACTOR TO DISCONNECT THE EXISTING VERTICAL A/C UNIT WITH ASSOCIATED DX EVAPORATOR COIL, DUCTWORK, HANGERS, AND ELSE AS CURRENTLY PRESENT. REMOVE ALL DUCTWORK, REFRIGERANT PIPING, NATURAL GAS PIPING, SUPPORTS, AND CONTROL WIRING. CAP CONDENSATE WASTE DRAINS AND PREPARE FOR INSTALLATION OF NEW UNIT. WALL PENETRATIONS, FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. TYPICAL.
- ② CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING CONDENSING UNIT AT LOCATIONS SHOWN. REMOVE ALL ASSOCIATED REFRIGERANT PIPING, SUPPORTS, AND CONTROL WIRING. WALL PENETRATIONS, FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. CONCRETE PAD TO REMAIN; MODIFY AS/IF REQUIRED FOR NEW EQUIPMENT. ALL TYPICAL.
- ③ DISCONNECT AND REMOVE EXISTING CEILING MOUNTED EXHAUST FAN AT LOCATION SHOWN. REMOVE ASSOCIATED CONTROLS, ELECTRICAL POWER, AND DUCT WORK ASSOCIATED WITH THE EQUIPMENT. WALL FLASHING, PATCHING, AND REPAIR OF WALL BY CONTRACTOR. TYPICAL ALL LOCATIONS.
- ④ DISCONNECT AND REMOVE ALL DUCT SHOWN WITH DASHED LINES ON THIS DRAWING. REMOVE ASSOCIATED DUCT SUPPORTS. TYPICAL ALL LOCATIONS. (DESIGN INTENT IS TO REMOVE ALL EXISTING DUCT AT THE FACILITY) .
- ⑤ DISCONNECT AND REMOVE EXISTING SIDEWALL & CEILING MOUNTED AIR DEVICES AS SHOWN. TYPICAL ALL LOCATIONS.
- ⑥ DESIGN INTENT IS TO DISCONNECT AND REMOVE ALL MECHANICAL A/C SYSTEMS AND COMPONENTS WITHIN INDICATED AREA. THIS INCLUDES, BUT ISN'T LIMITED TO, ALL SUPPLY AIR DUCT, RETURN AIR DUCT, EXHAUST AIR DUCT, OUTSIDE AIR DUCT, CEILING AIR DEVICES, EXHAUST FANS, THERMOSTATS, REFRIGERANT PIPING, NATURAL GAS PIPING, CONTROLS AND CONTROLS WIRING, AND ALL ELSE ASSOCIATED WITH THE MECHANICAL SYSTEMS IN PLACE.



SECOND FLOOR PLAN BUILDING "E" - HVAC - DEMOLITION
SCALE: 1/8" = 1' - 0"

Mercy House Womens Campus

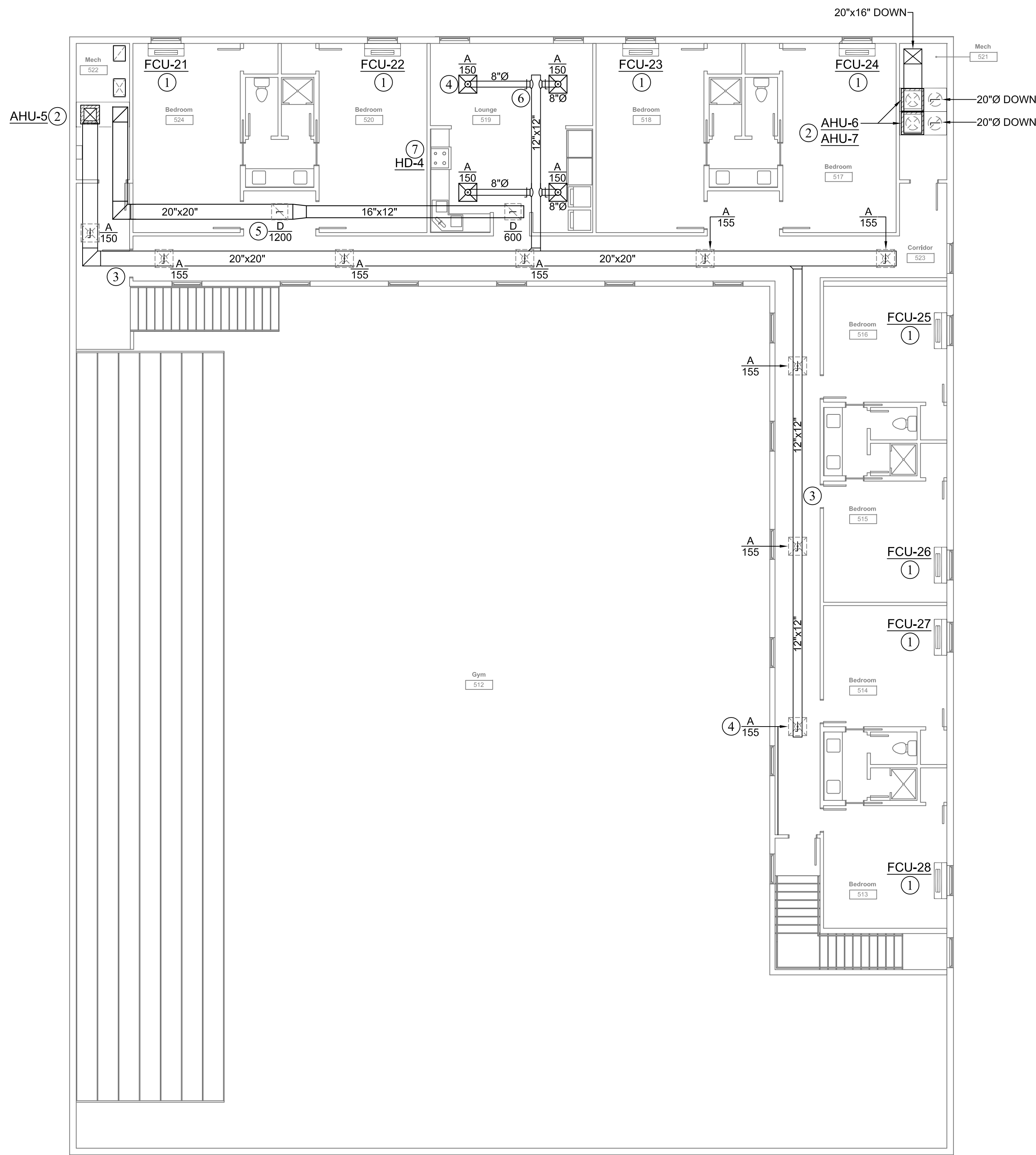


Construction Documents	
Revision	Rev Date
M009	



Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154
Existing Remodel



NUMBERED NOTES:

- 1 PROVIDE AND INSTALL NEW FLOOR MOUNTED, VERTICAL FAN COIL UNIT AT LOCATION SHOWN. SUPPORT UNIT PER MANUFACTURER'S REQUIREMENTS. PROVIDE WITH MANUFACTURER'S WALL MOUNTED TEMPERATURE CONTROLLER. TYPICAL ALL FCUs SHOWN ON THIS SHEET.
- 2 PROVIDE AND INSTALL VERTICALSPLIT SYSTEM TYPE DX AIR HANDLER COMPLETE WITH CABINET, EVAPORATOR COIL, SUPPLY FAN, FILTER COMPARTMENT, GAS HEAT, AND ELSE. SUSPEND FROM STRUCTURE ABOVE WITH ALL THREAD ROD, UNISTRUT, AND SPRING ISOLATORS. SEE DETAIL FOR TYPICAL INSTALLATION.
- 3 PROVIDE AND INSTALL NEW LOW PRESSURE SUPPLY DUCT SIZED AND ROUTED AS SHOWN. TYPICAL.
- 4 PROVIDE AND INSTALL NEW CEILING MOUNTED SUPPLY GRILLES IN LOCATIONS SHOWN. CONNECT TO NEW DUCT WITH TRANSITION AND FITTING AS REQUIRED.
- 5 PROVIDE AND INSTALL CUBE CORE RETURN AIR GRILLES IN CEILING AT LOCATIONS SHOWN. SEE GRILLE SCHEDULE FOR SIZES. TYPICAL ALL LOCATIONS.
- 6 PROVIDE AND INSTALL MANUAL BALANCING DAMPERS AT ALL BRANCH DUCT TAKE-OFFS. ALL TYPICAL.
- 7 CONTRACTOR TO PROVIDE AND INSTALL NEW KITCHEN HOOD SYSTEM, CONTRACTOR TO PROVIDE AND INSTALL DUCTWORK, KITCHEN HOOD SYSTEM WITH INTEGRAL EXHAUST FAN, LIGHT FIXTURE, BAFFLE FILTERS. TERMINATE WITH MANUFACTURER'S WALL CAP. SEAL PERIMETER OF DUCT AT OPENING AIR AND WATER TIGHT. SEE SCHEDULE.

SUPPLY AIR DIFFUSER

AIRFLOW	DUCT/NECK SIZE
0 - 100 CFM	6" ROUND
110 - 220 CFM	8" ROUND
225 - 400 CFM	10" ROUND
410 - 600 CFM	12" ROUND



SECOND FLOOR PLAN BUILDING "E" - HVAC - NEW WORK
SCALE: 1/8" = 1' - 0"

Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

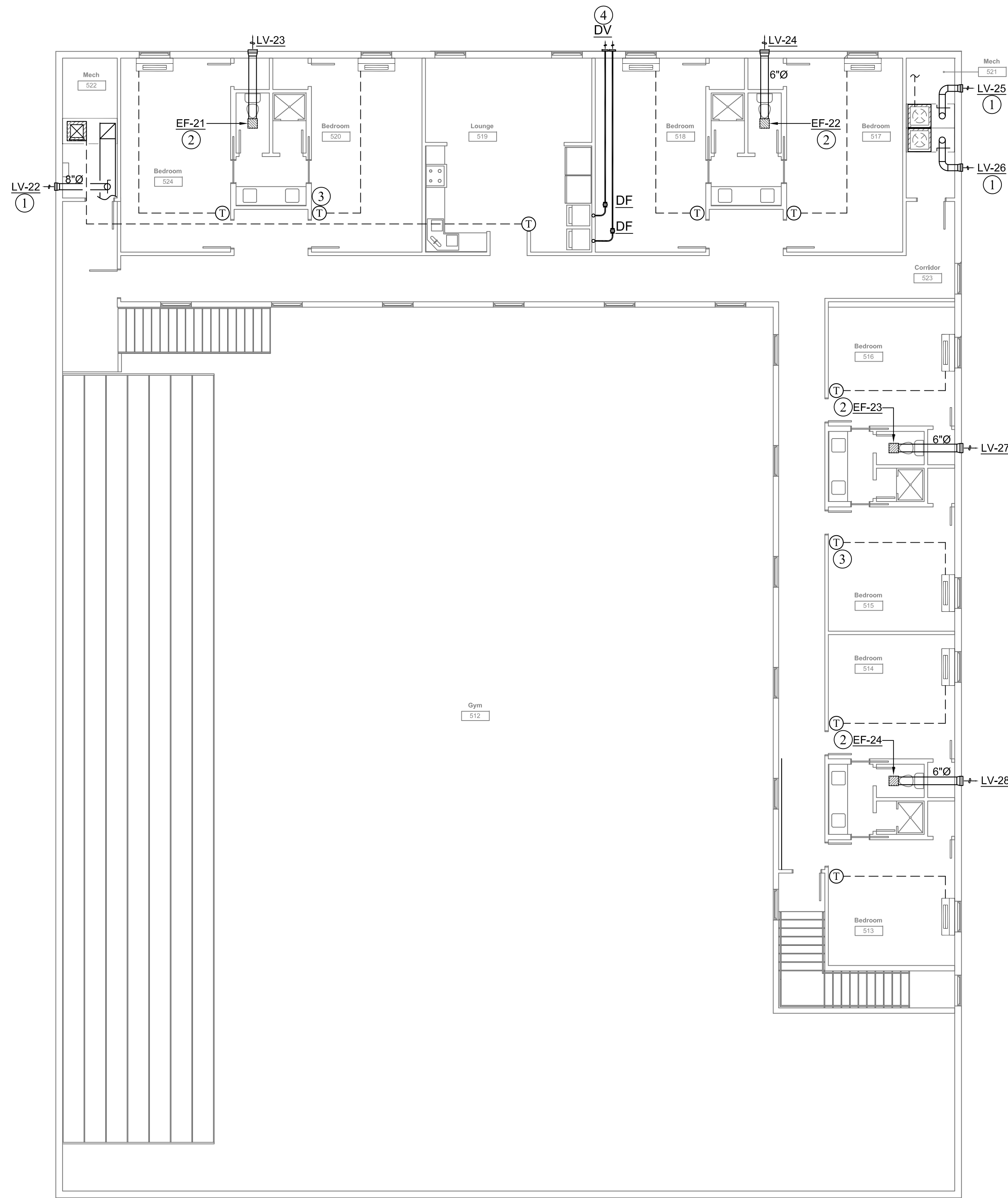
Existing Remodel



Construction Documents

Revision	Rev Date
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M010



FLOOR PLAN BUILDING "D" - EXHAUST - NEW WORK
SCALE: 1/8" = 1' - 0"

NUMBERED NOTES:

- 1 ROUTE OUTSIDE AIR DUCT WITH MANUAL VOLUME DAMPER FROM RETURN TAP HIGH IN ATTIC SPACE AND TERMINATE WITH FIXED BLADE, EXTRUDED ALUMINUM, DRAINABLE, EXTERIOR WALL LOUVER WITH EXPANDED METAL BIRD SCREEN SIZED AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING WITH MATCHING MORTAR OR GROUT. BALANCE TO QUANTITY OF EXHAUST AIR PER SCHEDULE.
- 2 PROVIDE AND INSTALL NEW CEILING MOUNTED EXHAUST FAN AT LOCATION SHOWN. SUPPORT EQUIPMENT WITH ALL THREAD ROD AND UNISTRUT FROM STRUCTURE ABOVE. ROUTE NEW LOW PRESSURE EXHAUST DUCT ABOVE CEILING AND TERMINATE WITH FIXED BLADE, EXTRUDED ALUMINUM, DRAINABLE, EXTERIOR WALL LOUVER WITH EXPANDED METAL BIRD SCREEN SIZED AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING WITH MATCHING MORTAR OR GROUT. BALANCE TO QUANTITY OF EXHAUST AIR PER SCHEDULE.
- 3 PROVIDE AND INSTALL 7 DAY PROGRAMMABLE, 2 STAGE HEAT/COOL ON/OFF LOW VOLTAGE THERMOSTAT AT LOCATION SHOWN. ROUTE CONTROL WIRING ABOVE CEILING AND DOWN IN WALLS FROM AIR HANDLER TO THERMOSTAT. PROVIDE TRANSFORMER, WIRING, THERMOSTAT, AND ELSE REQUIRED FOR COMPLETE INSTALLATION. MOUNT AT SAME HEIGHT AND ADJACENT TO LIGHT SWITCH, TYPICAL AS SHOWN.
- 4 PROVIDE AND INSTALL NEW 4" DRYER VENT (DV) WITH BLOWER (DF) AT LOCATIONS SHOWN. SEE SCHEDULE FOR DETAILS. EACH BLOWER REQUIRES 110 V POWER CONNECTION. PROVIDE WIRING TO INTERLOCK WITH FUTURE DRYER ACTIVATION. ROUTE NEW 4" EXHAUST AIR DUCT ABOVE CEILING AND TERMINATE WITH DRYER EXHAUST VENT AS SHOWN. SEAL PERIMETER OF LOUVER AT OPENING AIR AND WATER TIGHT. COORDINATE FINAL HEIGHT AND LOCATION WITH ARCHITECTURAL. ALL TYPICAL.

SECOND FLOOR PLAN BUILDING "E" - EXHAUST - NEW WORK
SCALE: 1/8" = 1' - 0"

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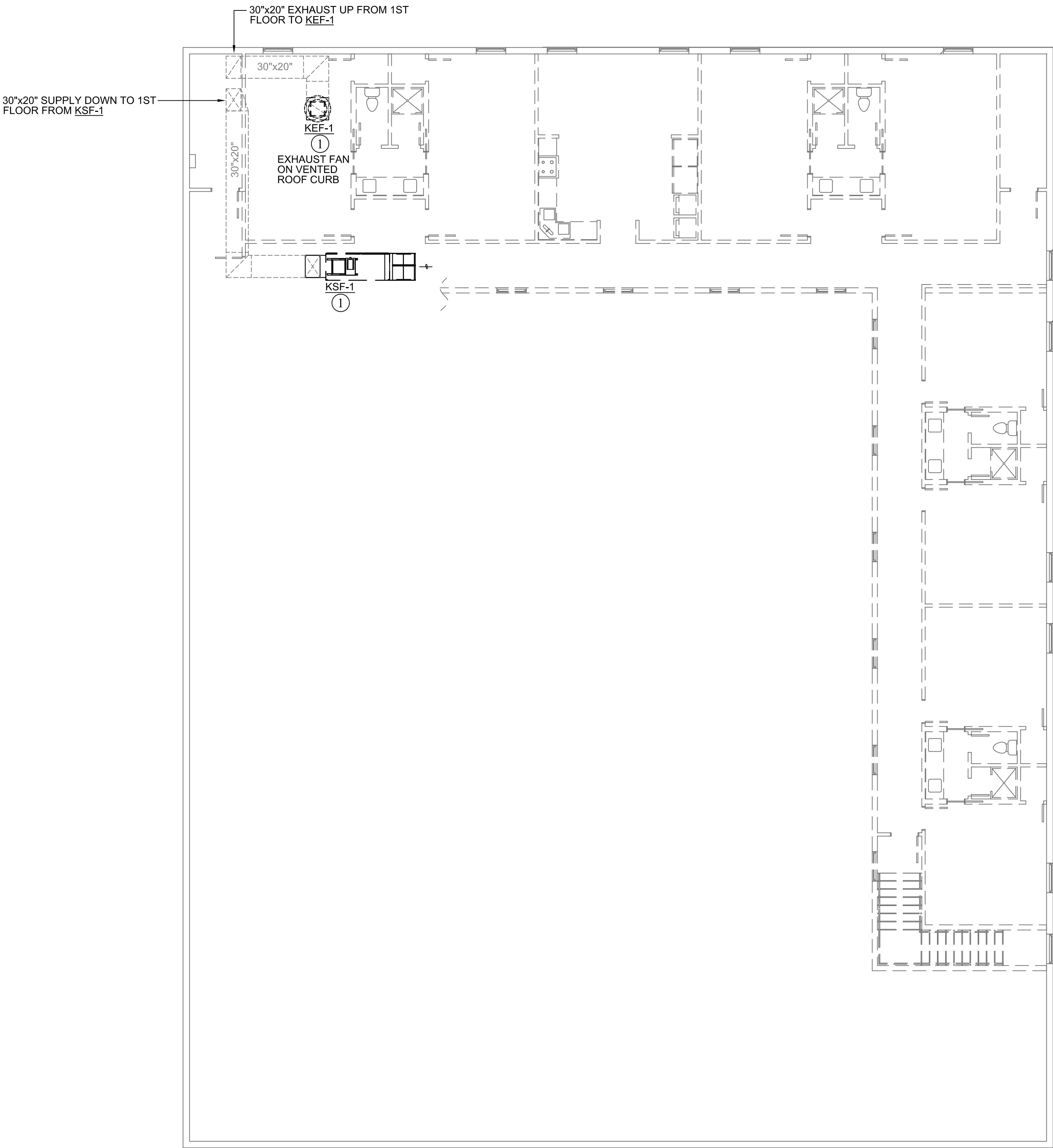
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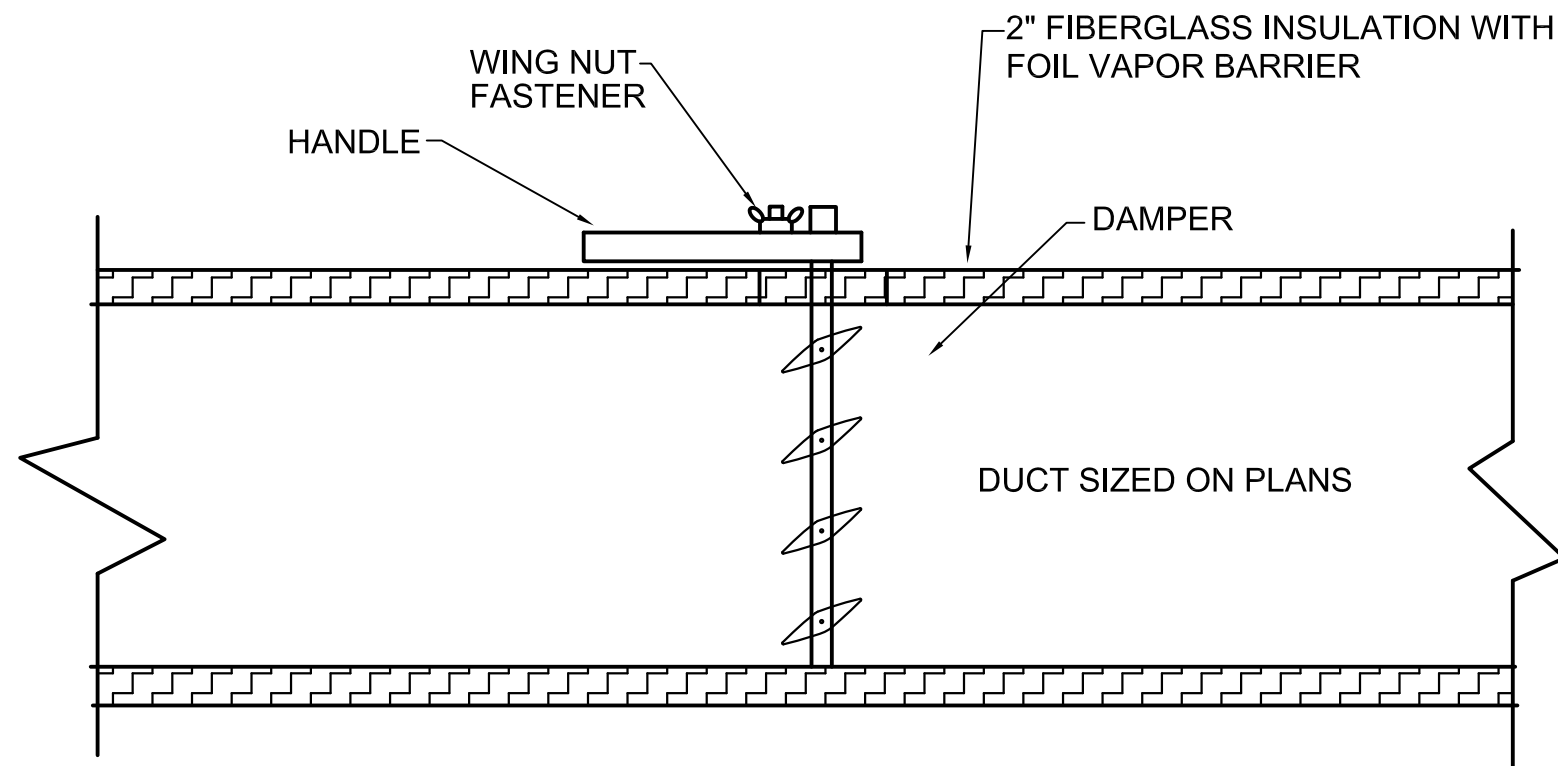
NUMBERED NOTES:

- ① PROVIDE AND INSTALL EXHAUST FAN(S) / SUPPLY FAN FOR KITCHEN EQUIPMENT AS SHOWN. INSTALL PER MANUFACTURER'S INSTALLATION REQUIREMENTS. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR. BALANCE TO QUANTITY OF EXHAUST/MAKE-UP AIR PER SCHEDULE. FAN SUPPORTS, DUCT CONNECTIONS, ROOF PENETRATION, FLASHING, PATCHING, AND REPAIR OF ROOF BY CONTRACTOR.

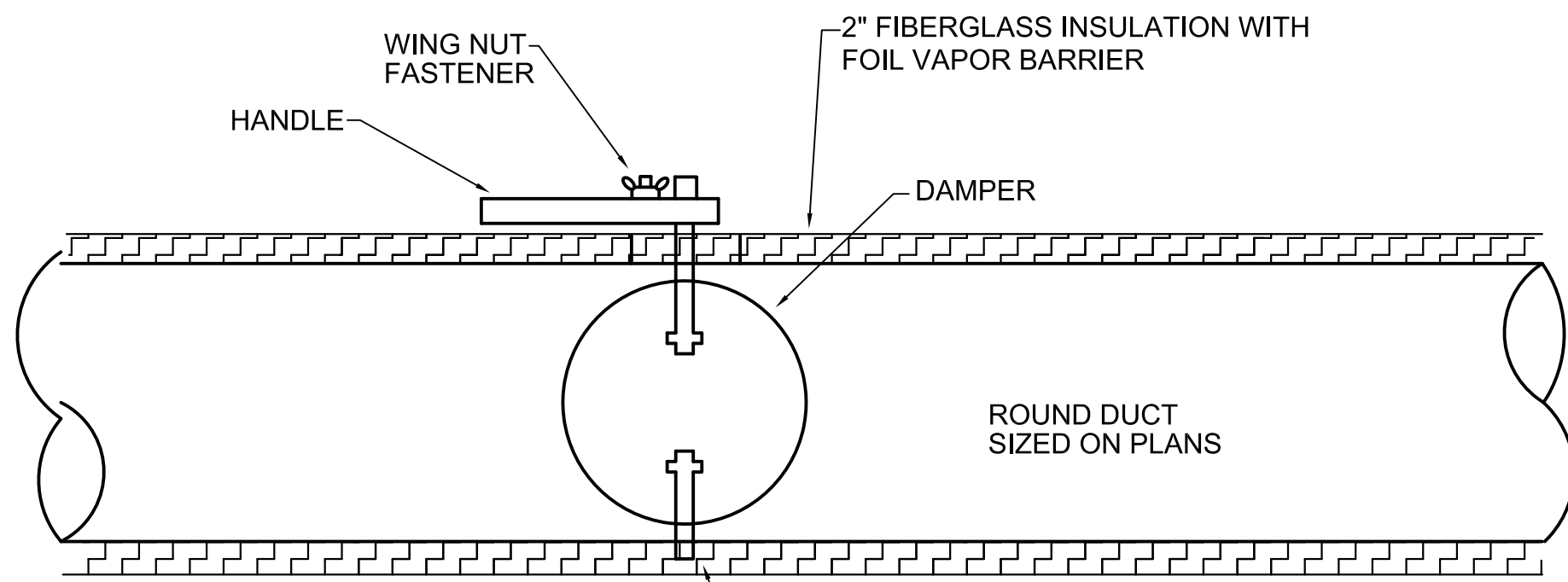


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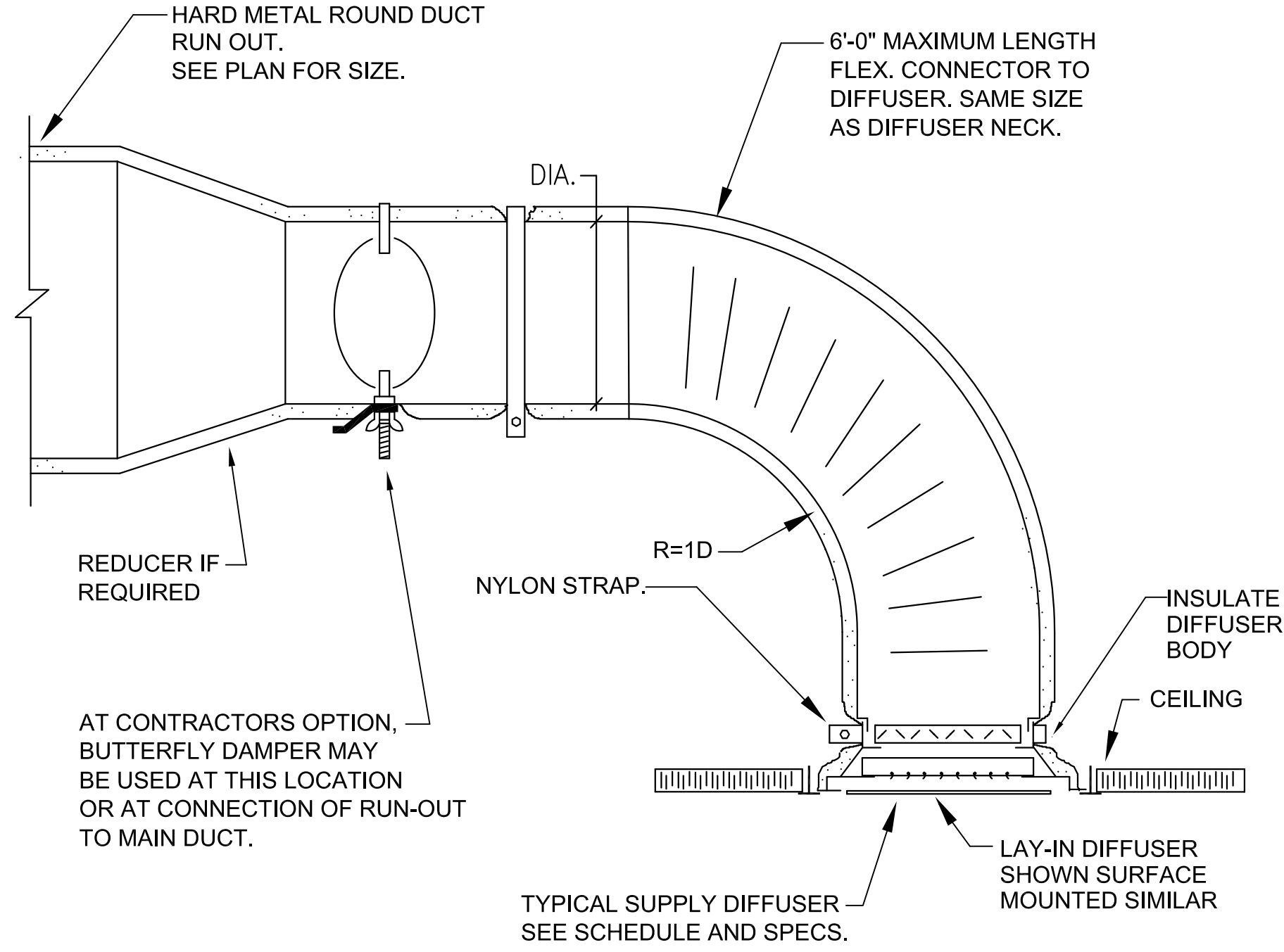
RECTANGULAR DUCT MANUAL DAMPER



ALL BRANCH DUCTS HAVE MANUAL VOLUME DAMPERS AND ARE SHOWN ON PLANS.

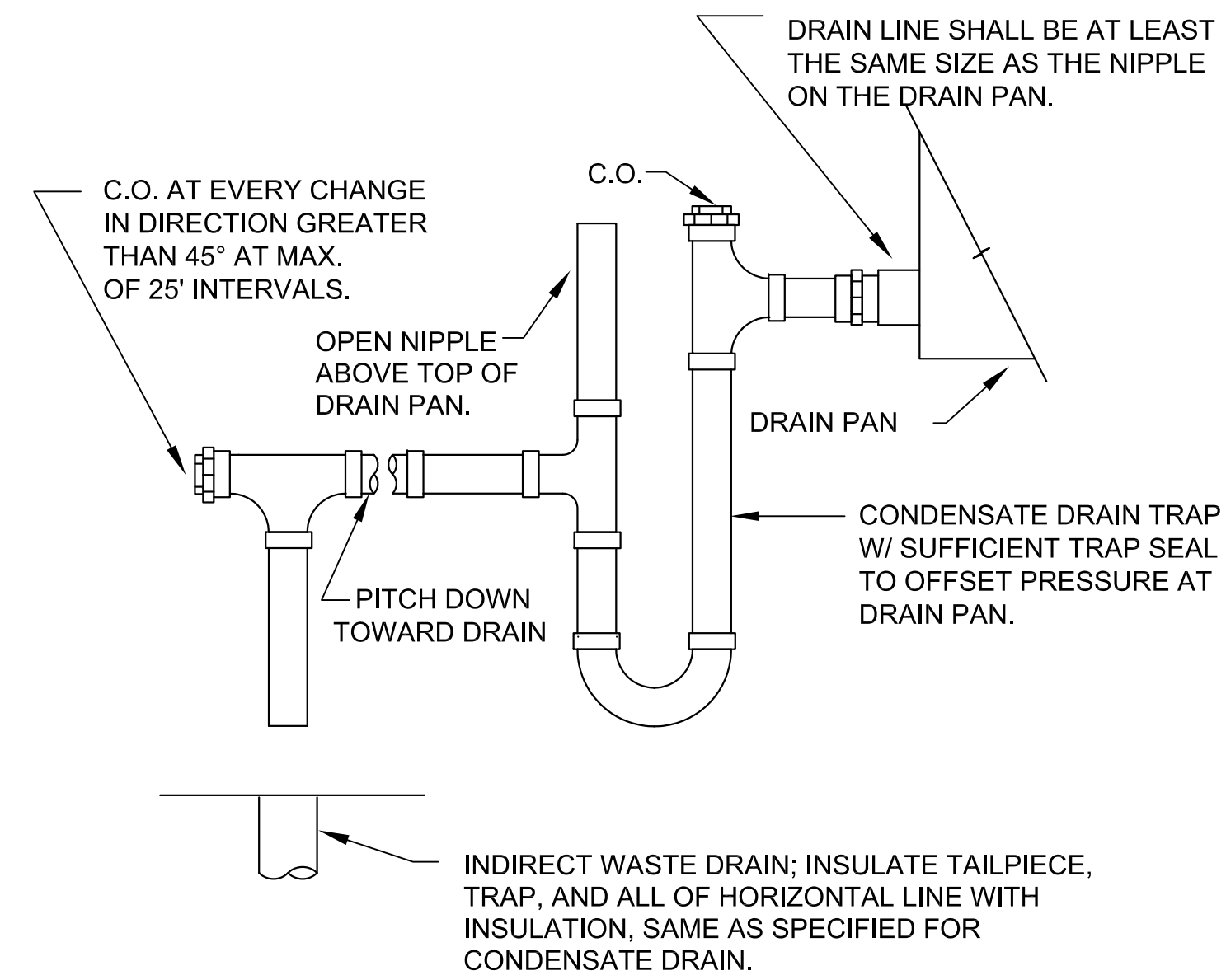
ROD CONTINUOUS ON 2" W.G. CLASS AND ON ALL DAMPERS OVER 12" DIAMETER

ROUND DUCT MANUAL DAMPER

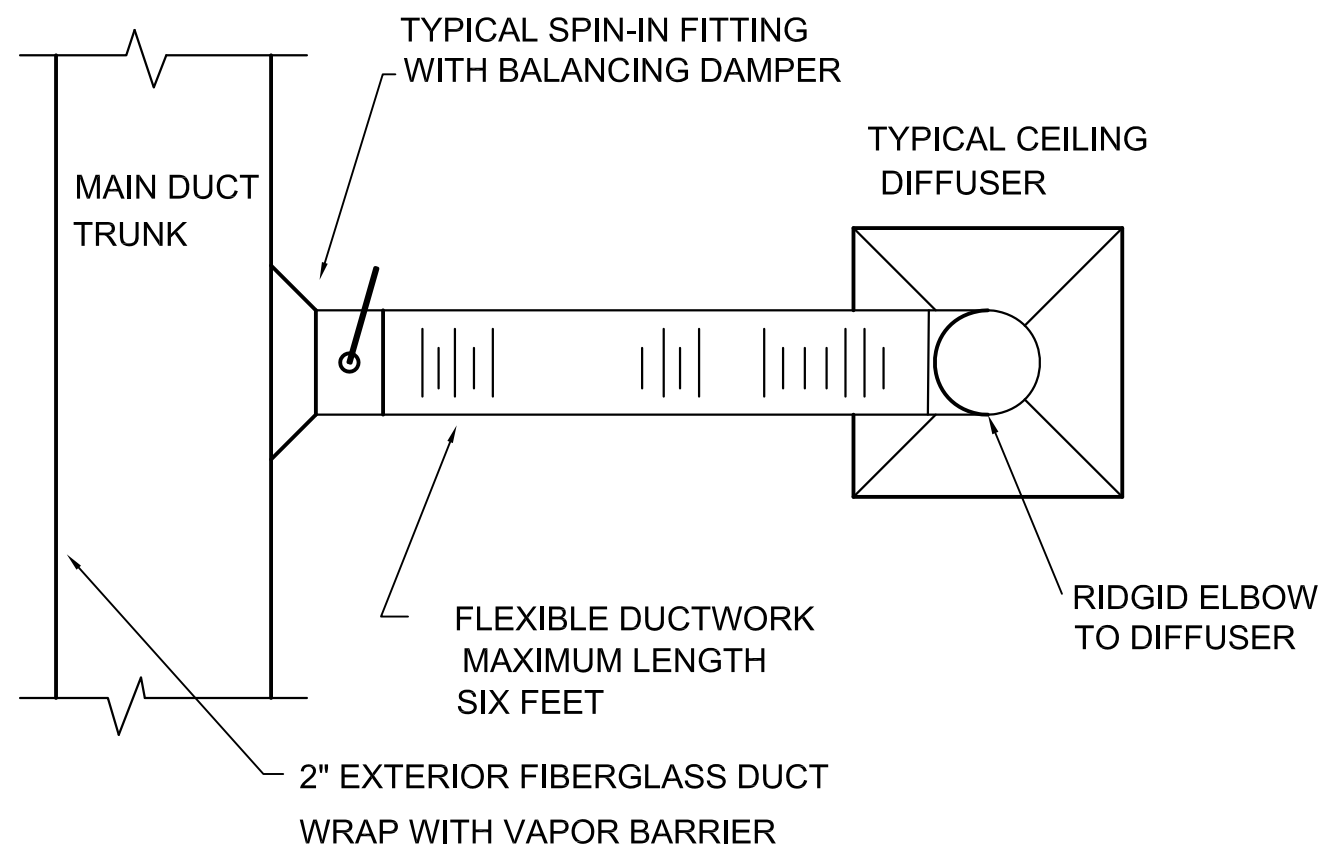


ALL CEILING AIR DEVICES ON THIS PROJECT TO HAVE CEILING RADIATION DAMPERS APPROVED FOR ARCHITECTURAL REQUIRED FIRE RATING.

TYPICAL DIFFUSER MOUNTING



CONDENSATE DRAIN TRAP DETAIL

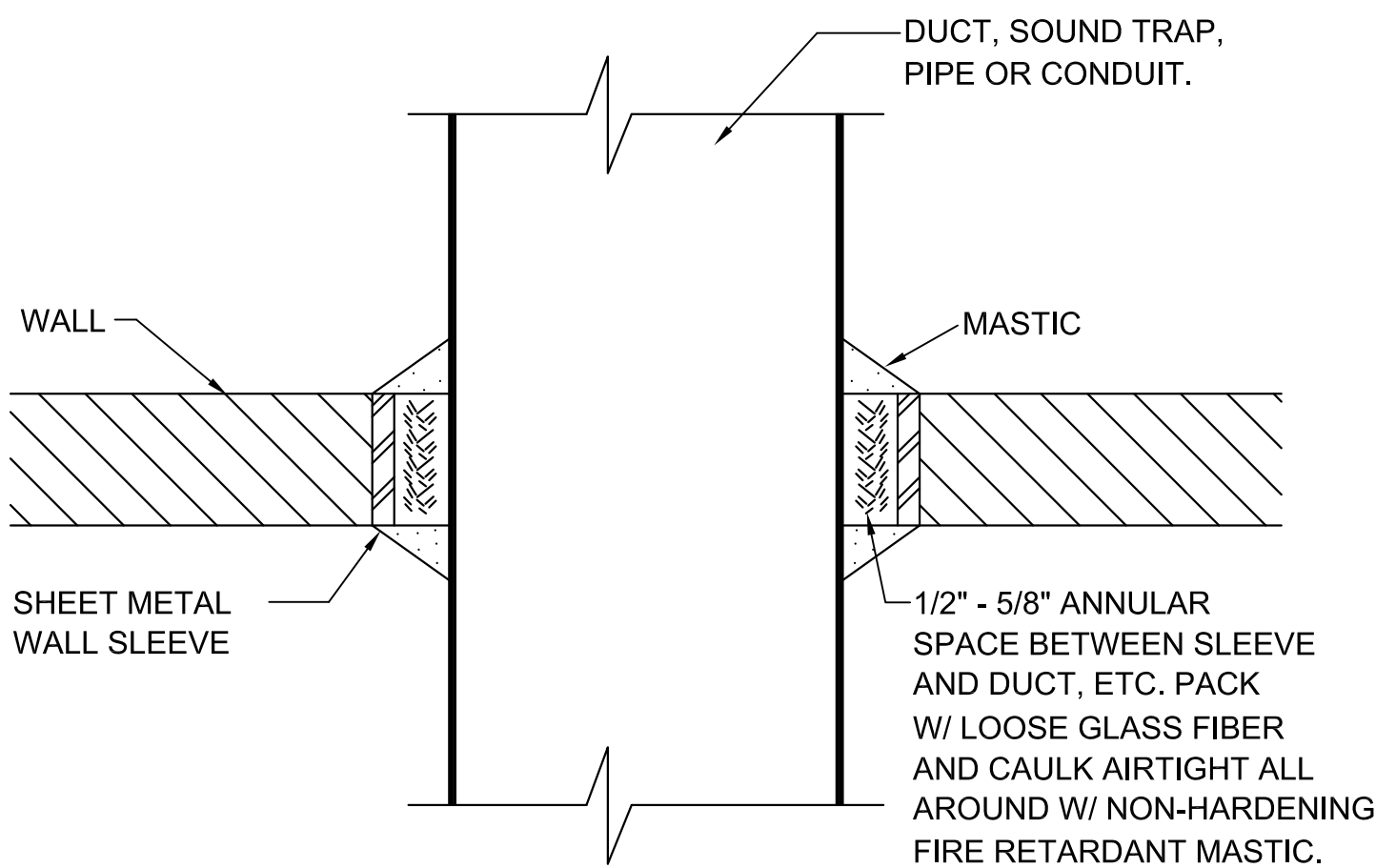


NOTE:

1. NO BRANCH DUCTS WITHIN 18" OF END OF MAIN DUCT.
2. MINIMUM 2'0" BETWEEN BRANCH TAKE OFF DUCTS
3. NO BRANCH DUCTS FROM MAIN DUCT TRANSITIONS

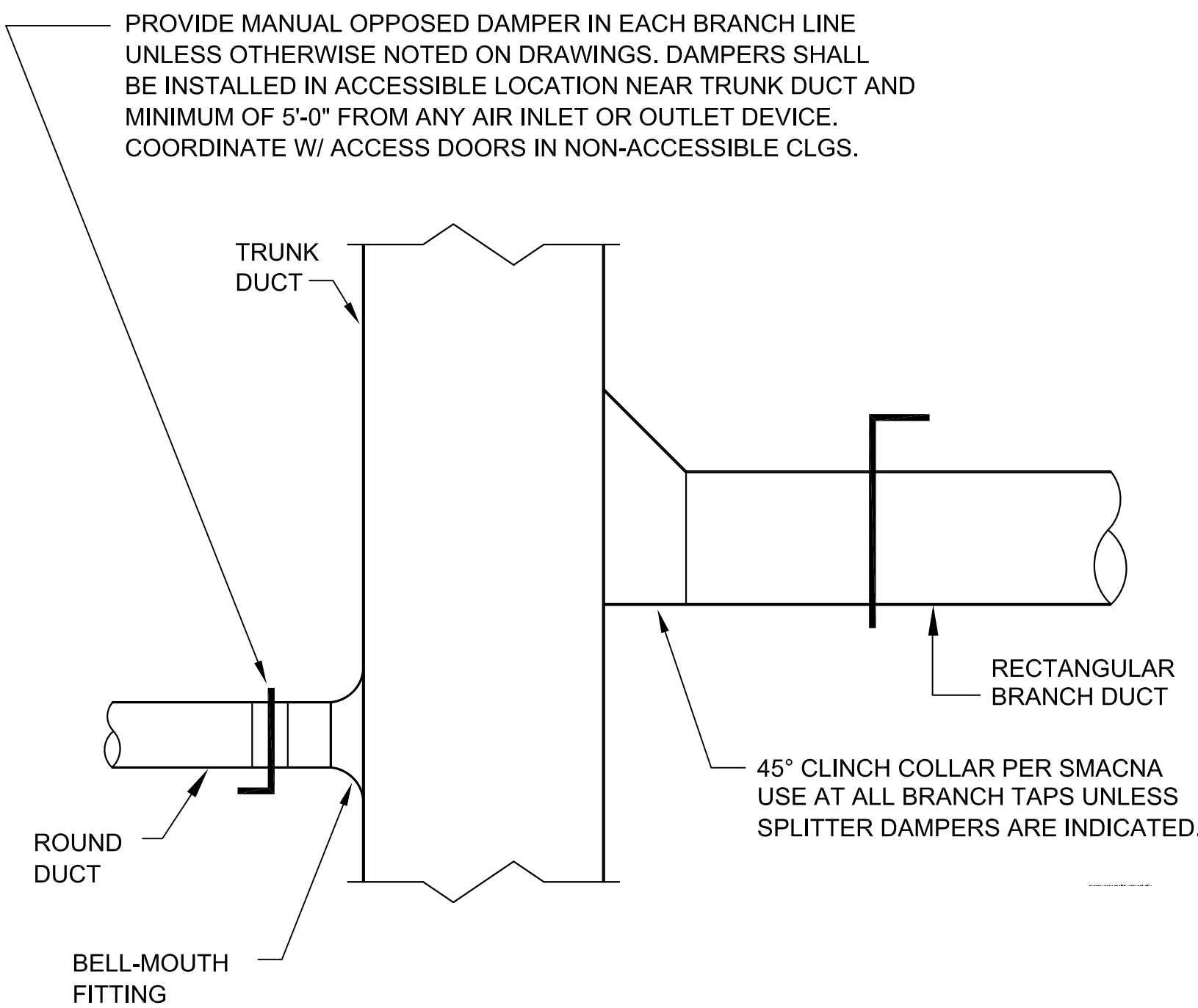
TYPICAL ROUND BRANCH DUCT TAKE-OFF

NOTE: THIS DETAIL APPLICABLE AT MECHANICAL ROOM WALL PENETRATIONS, SMOKE TIGHT WALLS, SOUND CONTROL PARTITIONS AND WHERE OTHERWISE INDICATED.



WALL PENETRATION DETAIL

NOTE: DAMPERS SHALL BE PROVIDED IN ALL BRANCH RUN-OUTS TO DIFFUSERS, R.A AND EHAUST GRILLES, UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS. LOCATE DAMPERS SO THEY ARE ACCESSIBLE FROM LAY-IN CEILING OR ACCESS DOORS.



BRANCH DUCT TAP DETAIL

MECHANICAL DETAILS
SCALE: NONE

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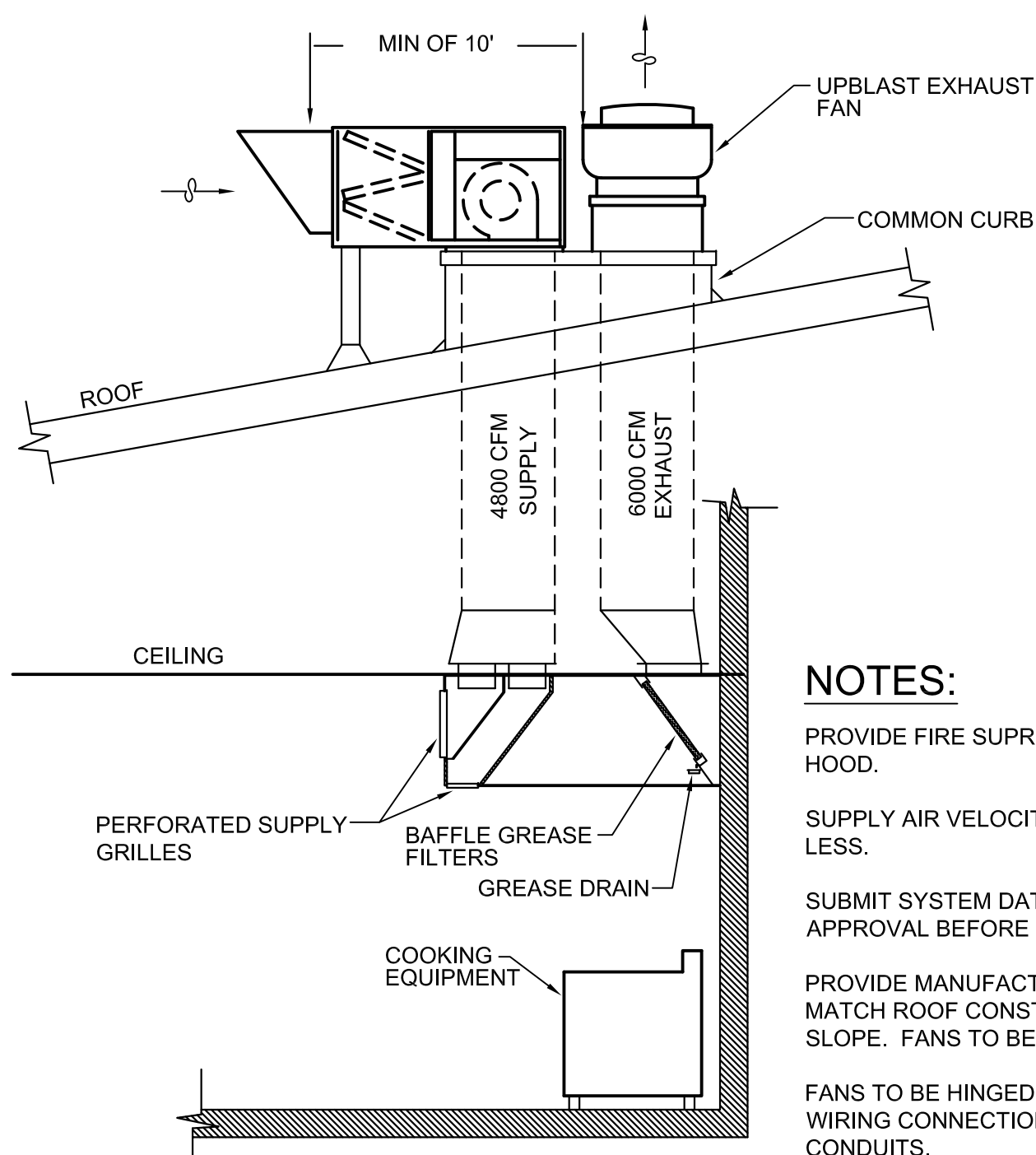
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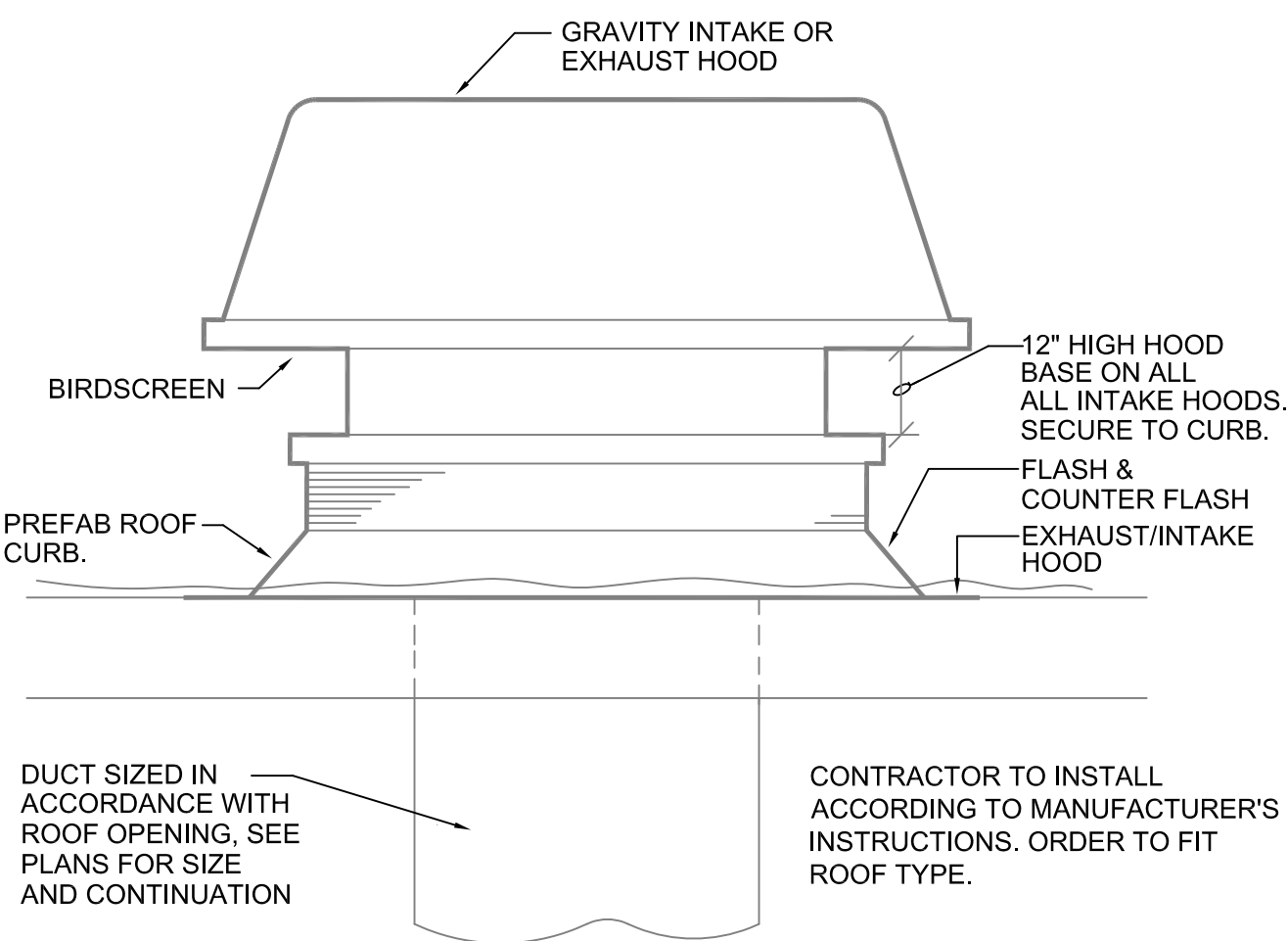
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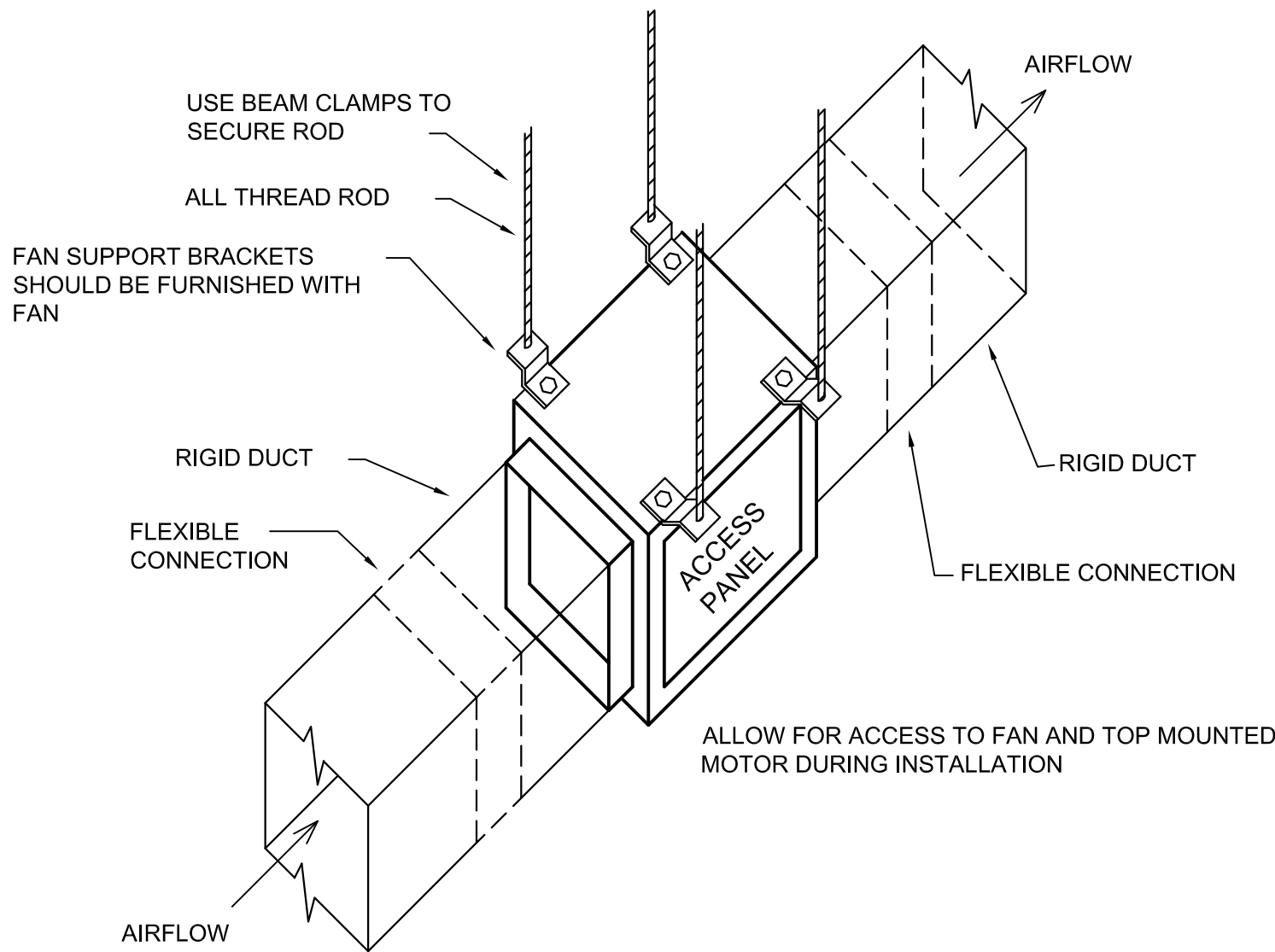


NOTES:
PROVIDE FIRE SUPPRESSION SYSTEM IN HOOD.
SUPPLY AIR VELOCITY TO BE 150 FPM OR LESS.
SUBMIT SYSTEM DATA TO ENGINEER FOR APPROVAL BEFORE PURCHASING.
PROVIDE MANUFACTURER'S ROOF CURB TO MATCH ROOF CONSTRUCTION TYPE AND SLOPE. FANS TO BE INSTALLED LEVEL.
FANS TO BE HINGED WITH ELECTRICAL WIRING CONNECTION IN FLEXIBLE CONDUITS.

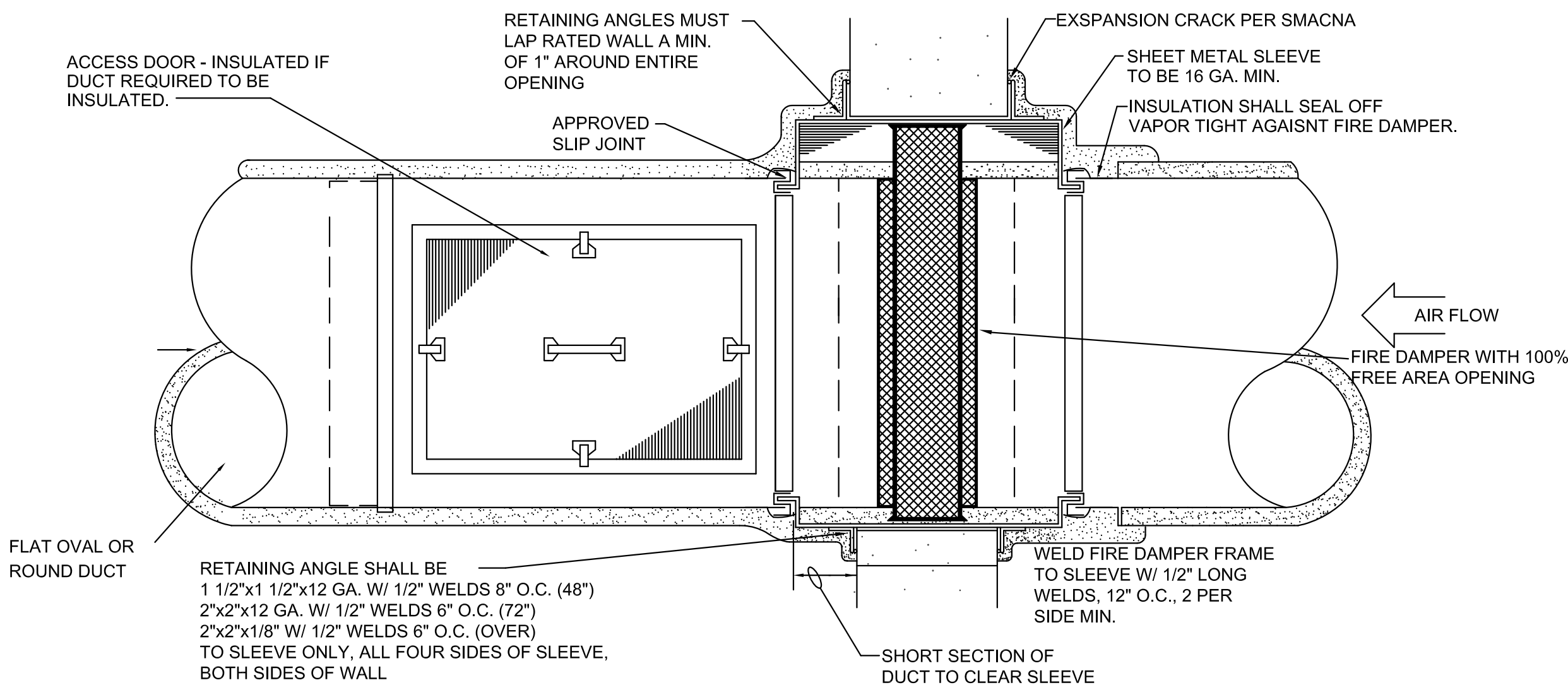
KITCHEN VENTILATION DETAIL



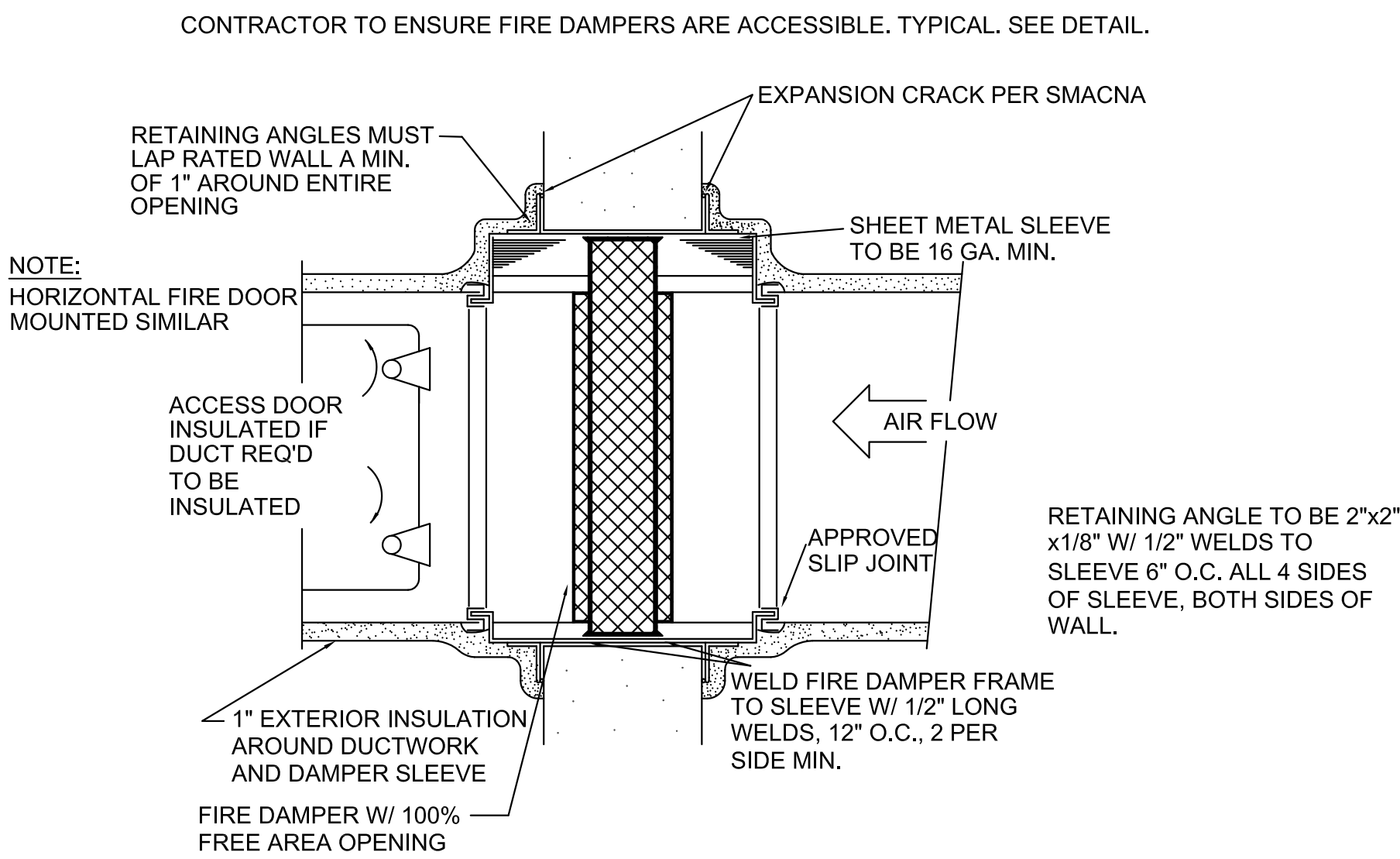
ROOF MOUNTED GRAVITY EXHAUST/INTAKE VENTILATOR DETAIL



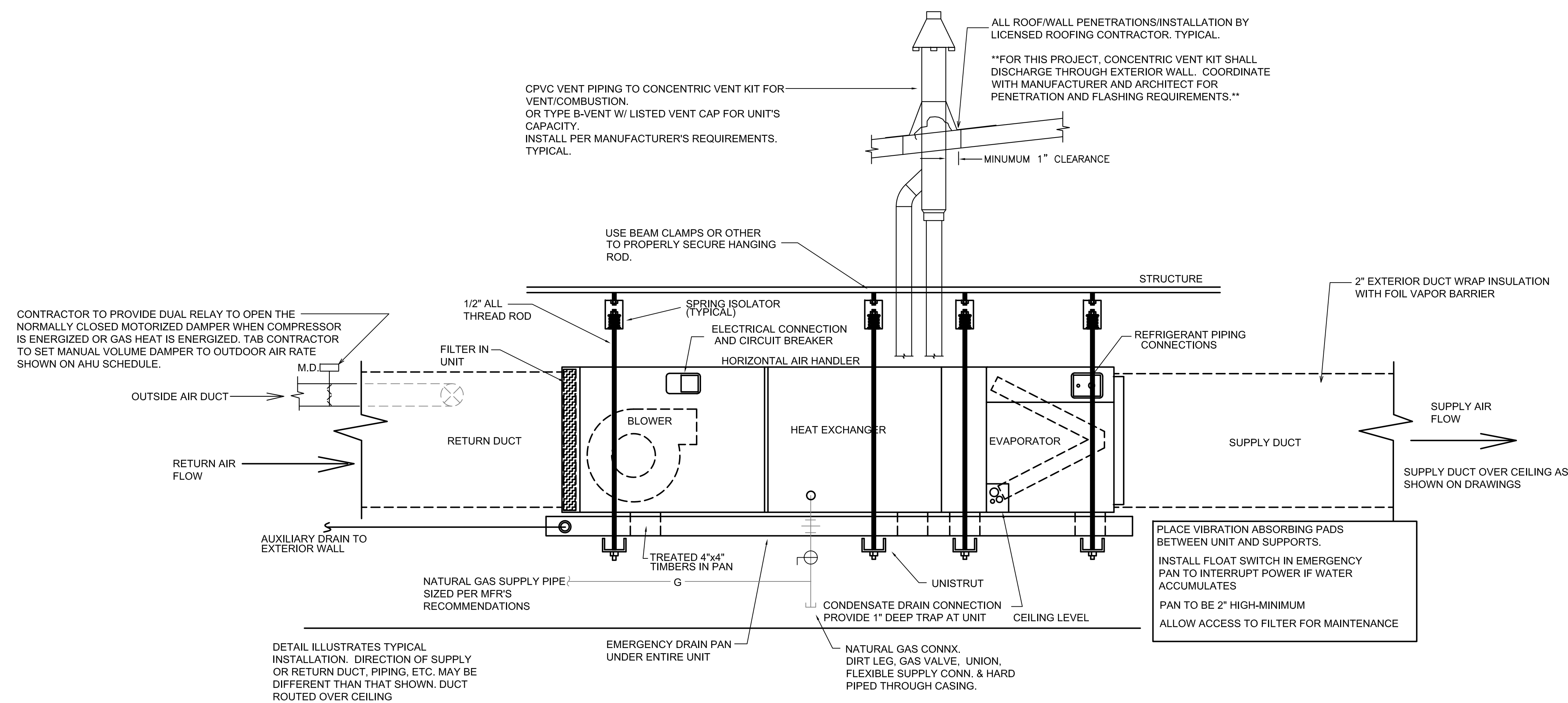
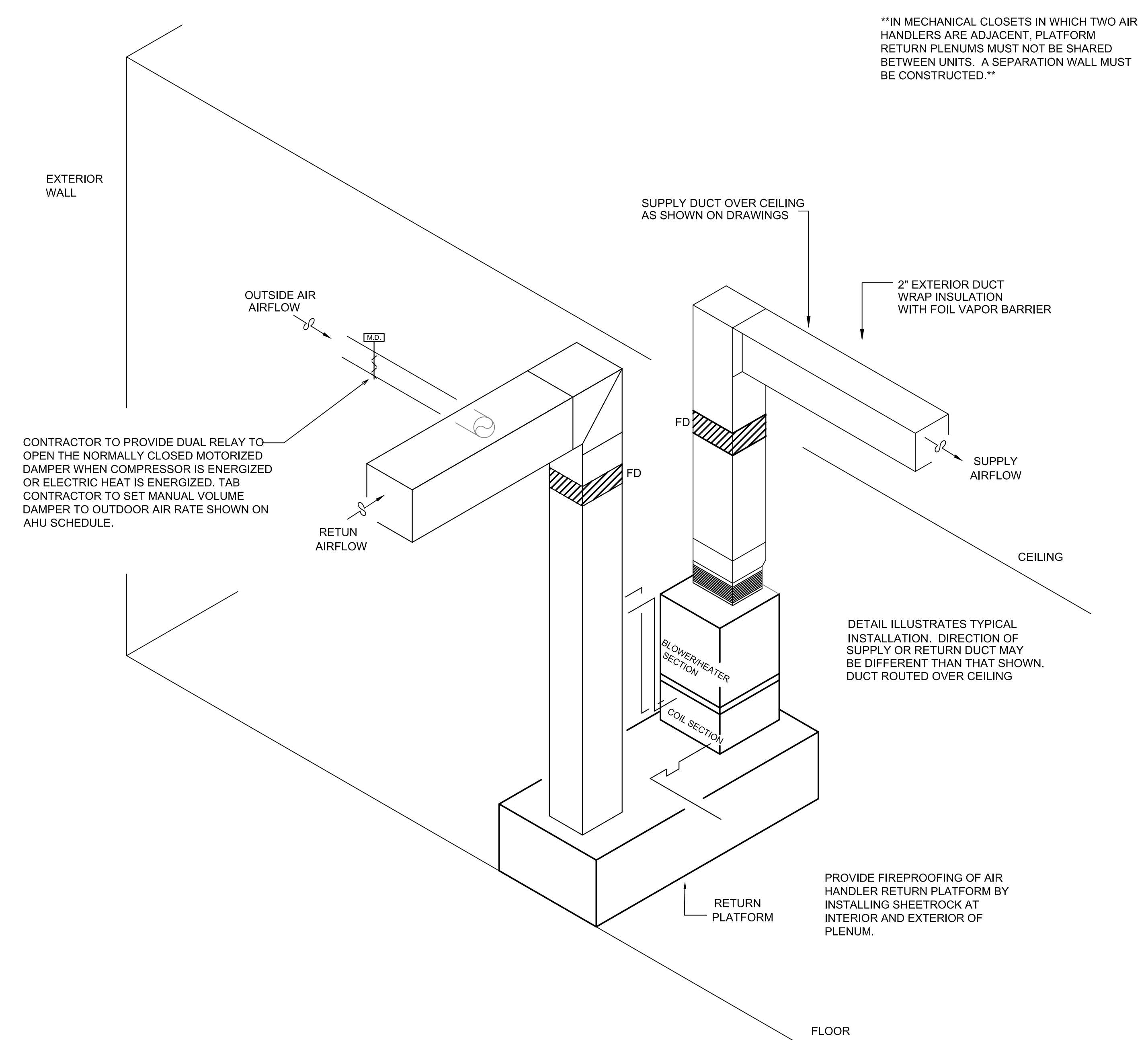
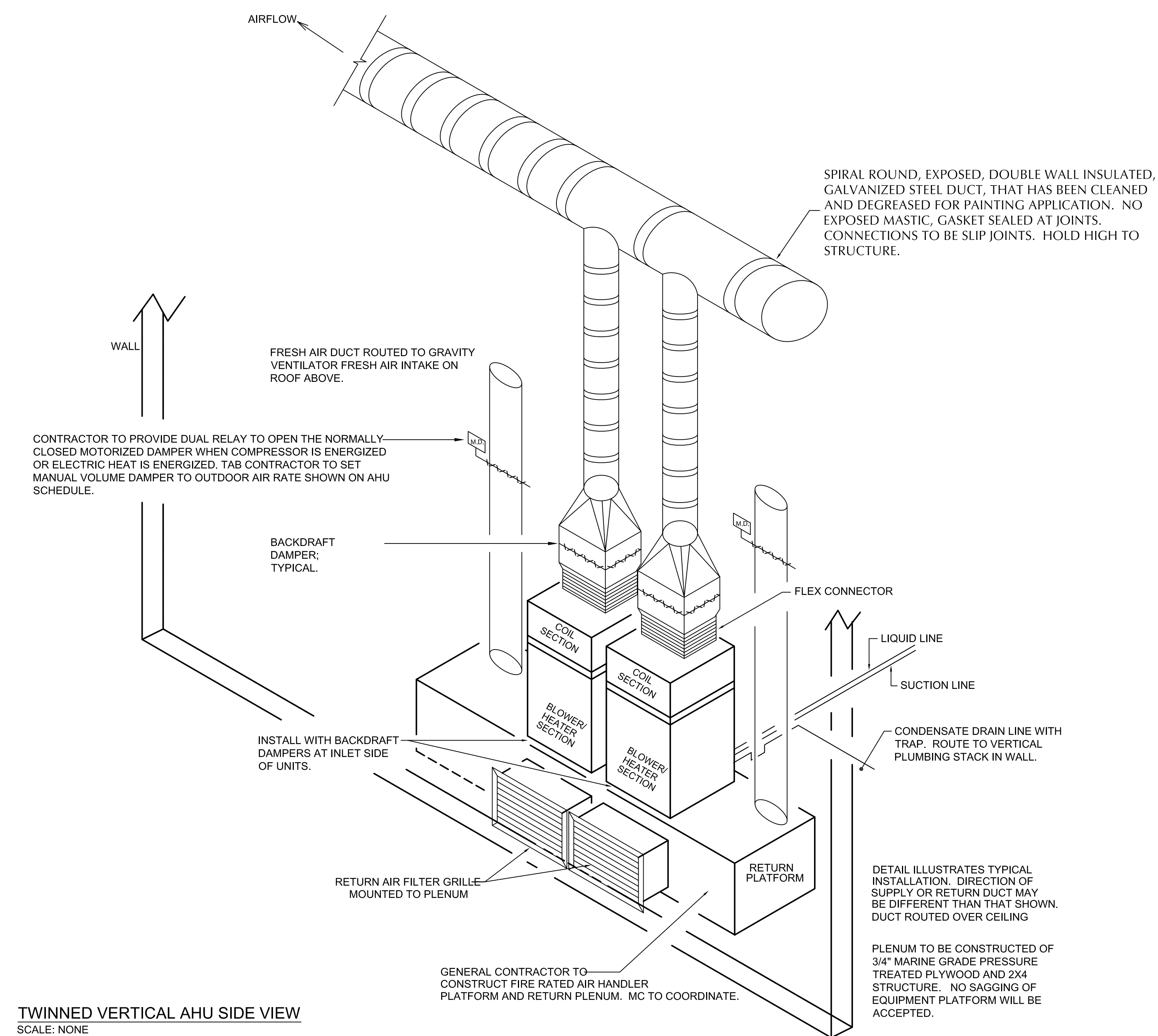
IN-LINE CENTRIFUGAL FAN DETAIL



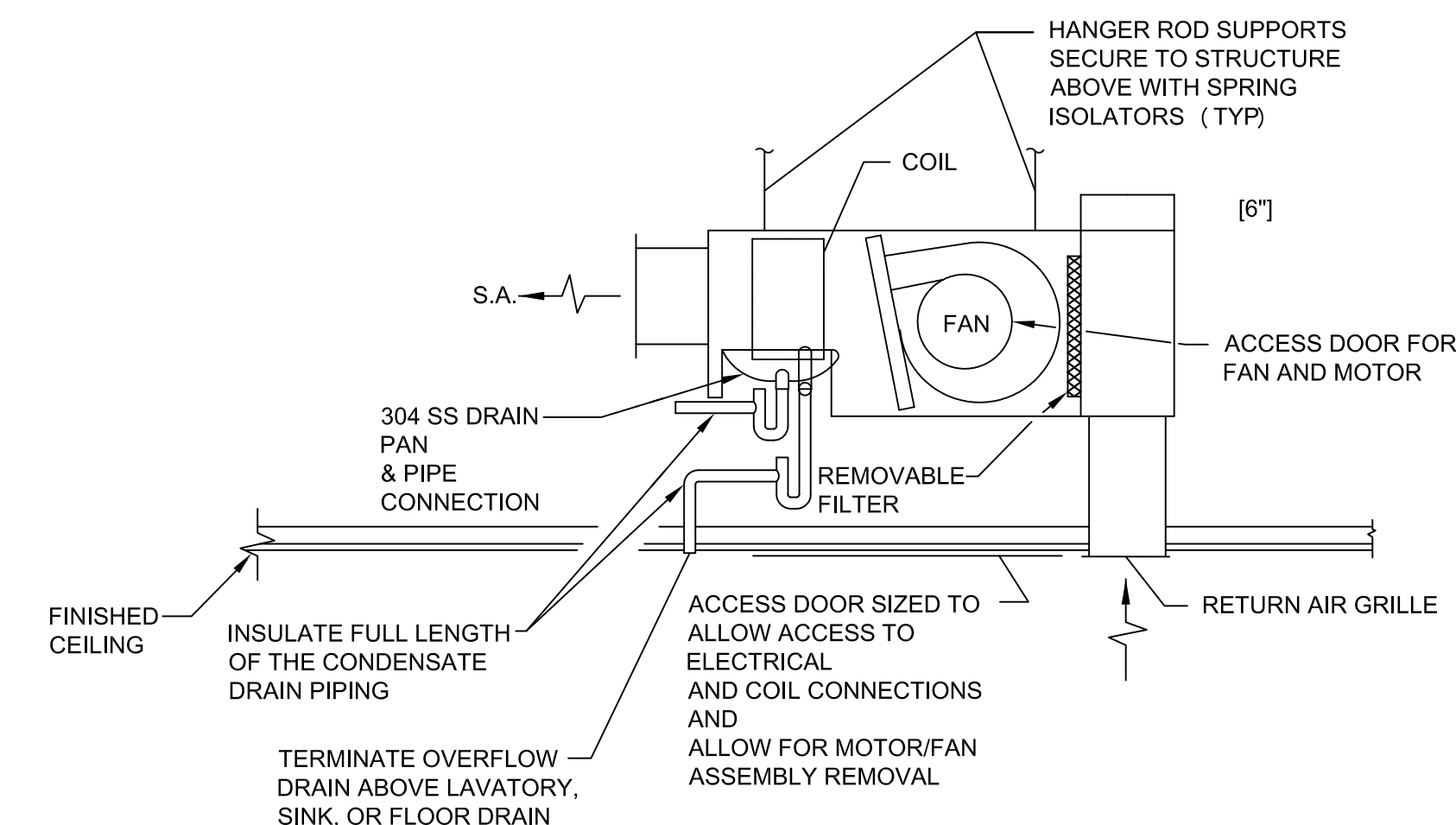
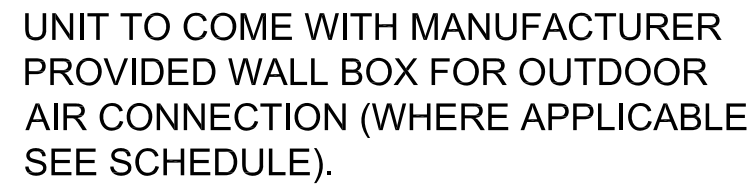
VERTICAL FIRE DAMPER



MEDIUM VELOCITY DUCT VERTICAL FIRE DAMPER

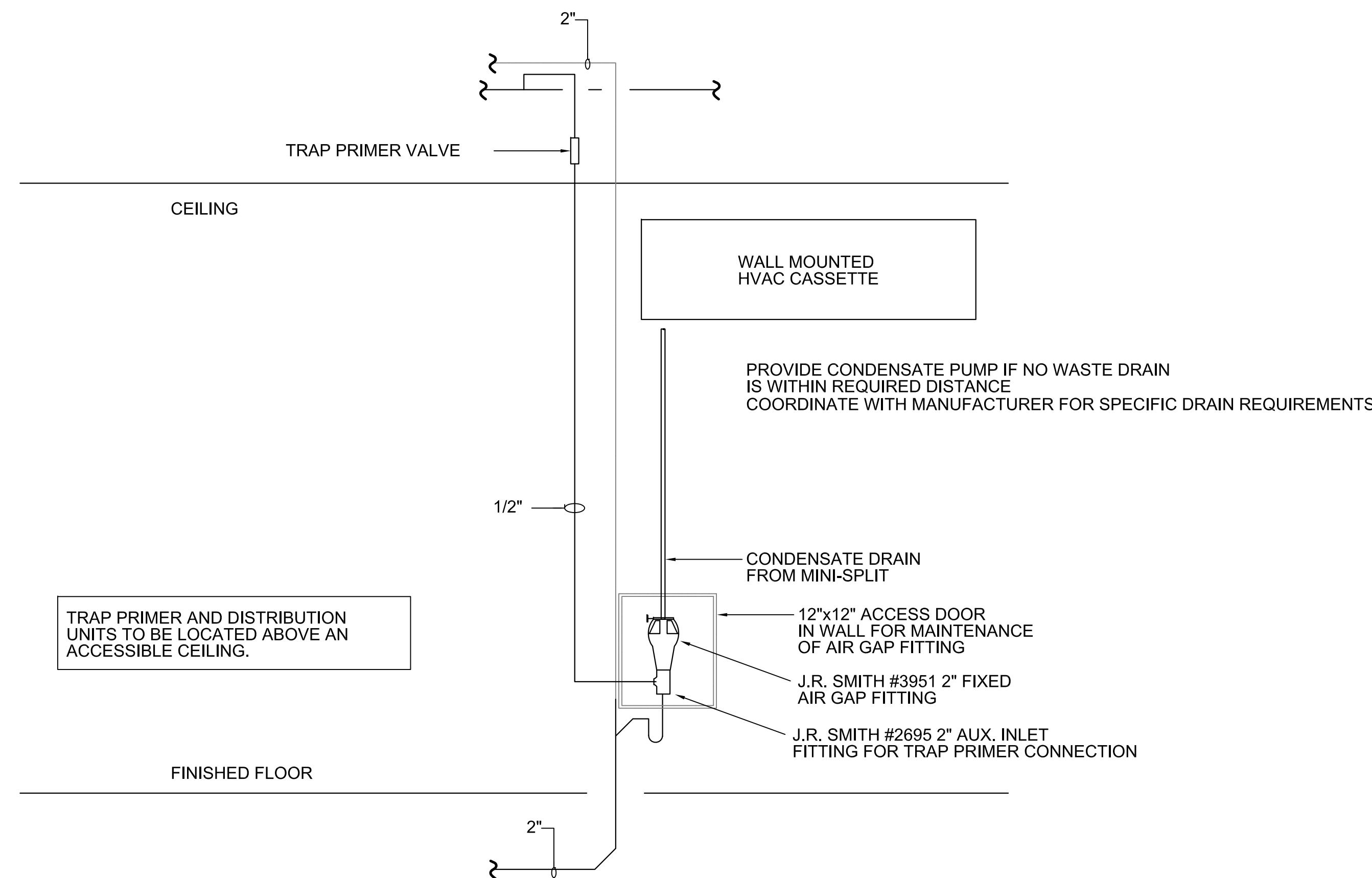


MECHANICAL DETAILS
SCALE: NONE



NOTES:

1. SEE DETAIL FOR SUPPLY & RETURN PIPING CONNECTIONS.
2. PROVIDE ACCESS FOR FILTER REMOVAL.
3. SEE FAN COIL UNIT SCHEDULE FOR PIPE SIZES.



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MECHANICAL DETAILS

SCALE: NONE

HOOD INFORMATION - JOB#8819706

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFMT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)						TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG		
										WIDTH	LENG	HEIGHT	DIA	CFM	VEL			SP	END TO END	ROW
1		5424 AHND-2-PSP-F	ADVANCED HOOD	14' 0"	600 DEG	I	HEAVY	225	3150			4"	18"	3150	1783	-1.001"	2520	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S)					LIGHT(S)			UTILITY CABINET(S)					FIRE SYSTEM PIPING	HOOD HANGING WEIGHT	
		TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM		ELECTRICAL			SWITCHES
												TYPE	SIZE	MODEL #			QUANTITY
1		CAPTRATE SOLO FILTER	10	20"	16"	85% SEE FILTER SPEC	4	RECESSED ROUND	NO	LEFT	12"x54"x24"	TANK FS	4.0/4.0/4.0	SC-311110MA	1 LIGHT 1 FAN	YES	1172 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1		FIELD WRAPPER 18.00" HIGH FRONT, LEFT. BACKSPLASH 122.00" HIGH X 195.00" LONG 430 SS VERTICAL. RIGHT END STANDOFF (FINISHED) 1" WIDE 54" LONG INSULATED. STRUCTURAL FRONT PANEL. RIGHT WALL AS END PANEL.

PERFORATED SUPPLY PLENUM(S)

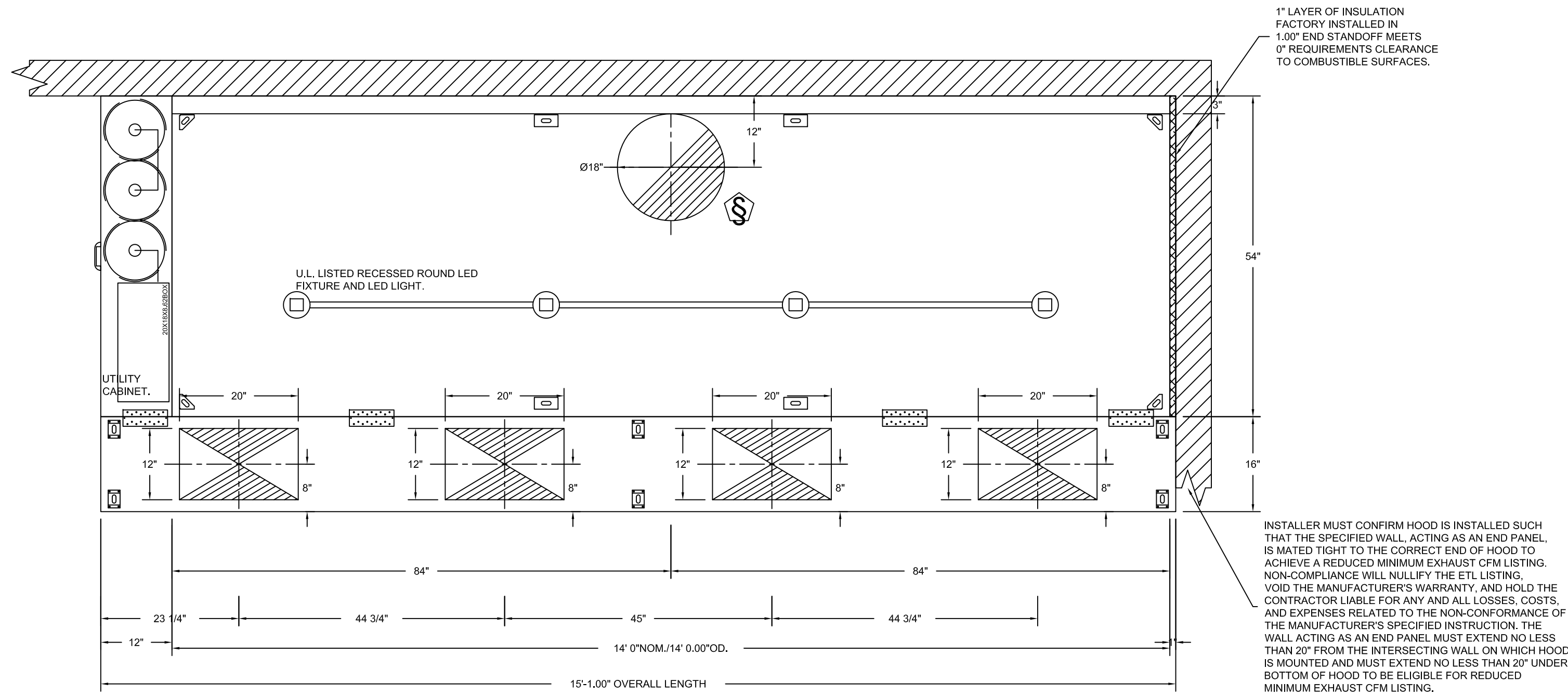
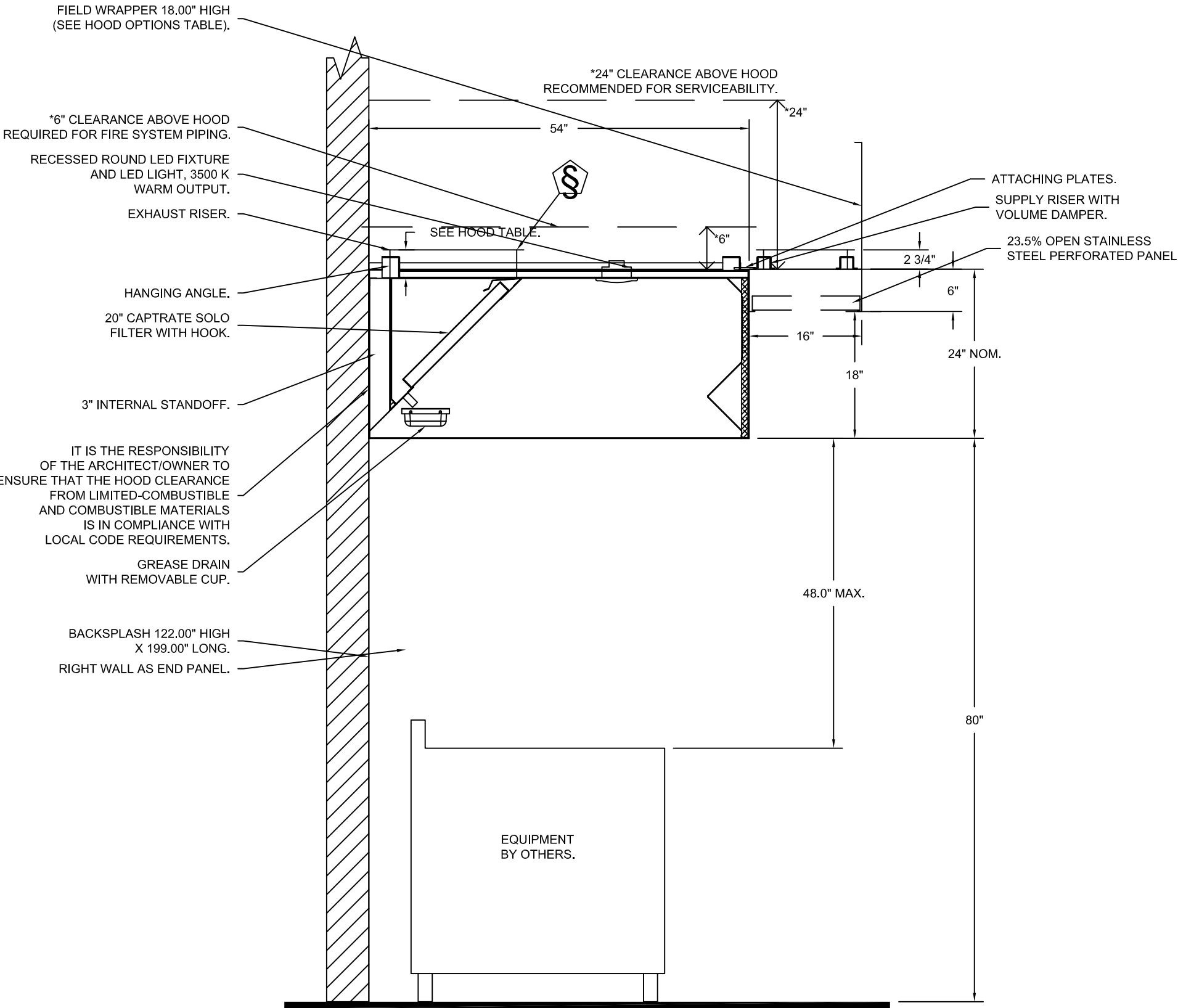
HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG	DIA	CFM	SP
1		Front	181"	16"	6"	MUA	12"	20"		630	0.213"
						MUA	12"	20"		630	0.213"
						MUA	12"	20"		630	0.213"
						MUA	12"	20"		630	0.213"

CLEARANCE TO COMBUSTIBLES

HOODS #	SURFACE	CLEARANCE
1	TOP	18"
	FRONT	0"
	BACK	18"
	LEFT	0"
	RIGHT	0"

-10" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL170 STANDARD.

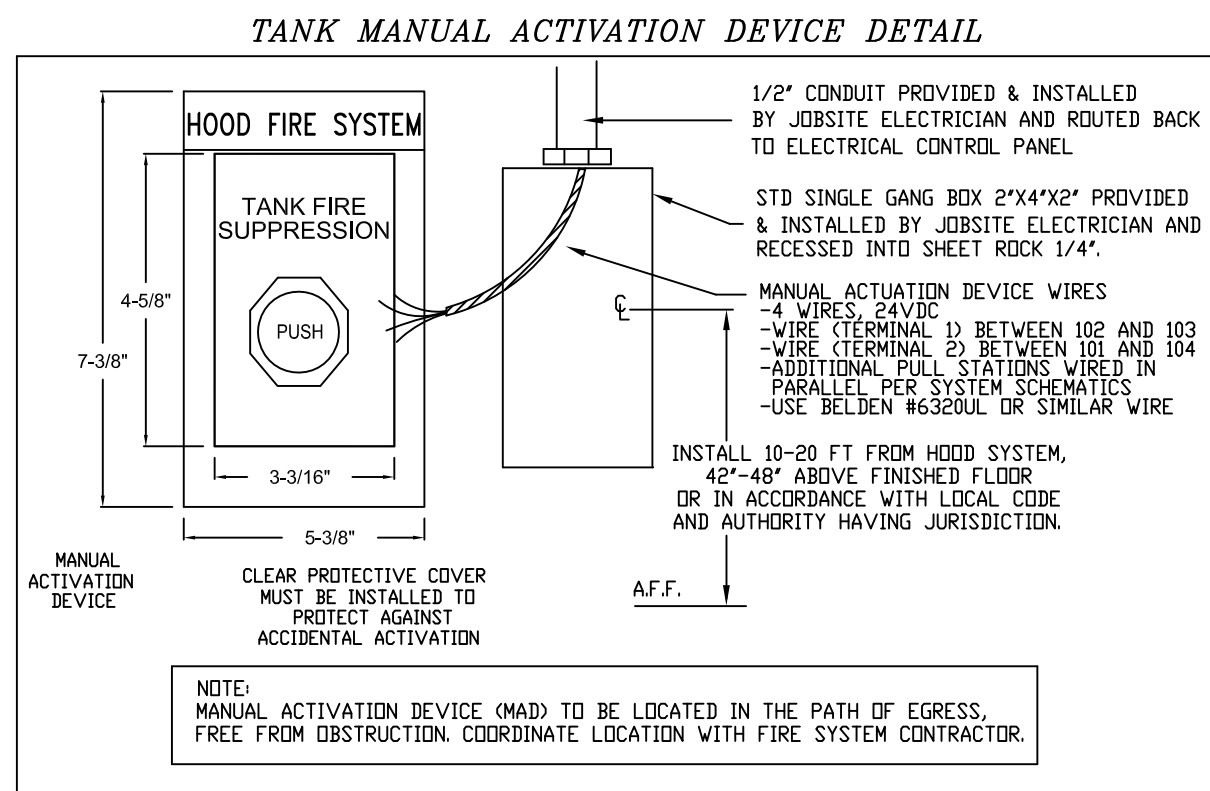
-HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.

PLAN VIEW - HOOD #1
14' 0.00" LONG 5424AH-ND-2-PSP-F
NOTE: ADDITIONAL HANGING ANGLES PROVIDED FOR HOODS 12' AND LONGER.SECTION VIEW - MODEL 5424AH-ND-2-PSP-F
HOOD - #1

AGENT DISTRIBUTION PIPING LIMITATIONS	
PIPE SECTION	MAX PIPE LENGTH (FT)
MAX SUPPLY LINE TO FIRST OVERLAPPING NOZZLE	42
OVERLAPPING NOZZLE APPLIANCE BRANCH	10
DEDICATED NOZZLE APPLIANCE BRANCH	10

LEGEND - FIRE CABINET TANK SYSTEM

- 4 GALLON TANK.
- PRIMARY ACTUATOR RELEASE.
- SECONDARY ACTUATOR RELEASE.
- PRESSURE SUPERVISION SWITCH.
- PRIMARY HOSE ASSEMBLY.
- SECONDARY HOSE ASSEMBLY.
- REMOTE MANUAL ACTUATION DEVICE.



FIRE SYSTEM INFORMATION - JOB#8819706

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION	
						SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0/4.0/4.0	60	42	FIRE CABINET LEFT	LEFT, HOOD 1

GAS VALVE(S)

FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1		SC ELECTRICAL	1.500	ADVANCED HOOD SYSTEMS, LLC

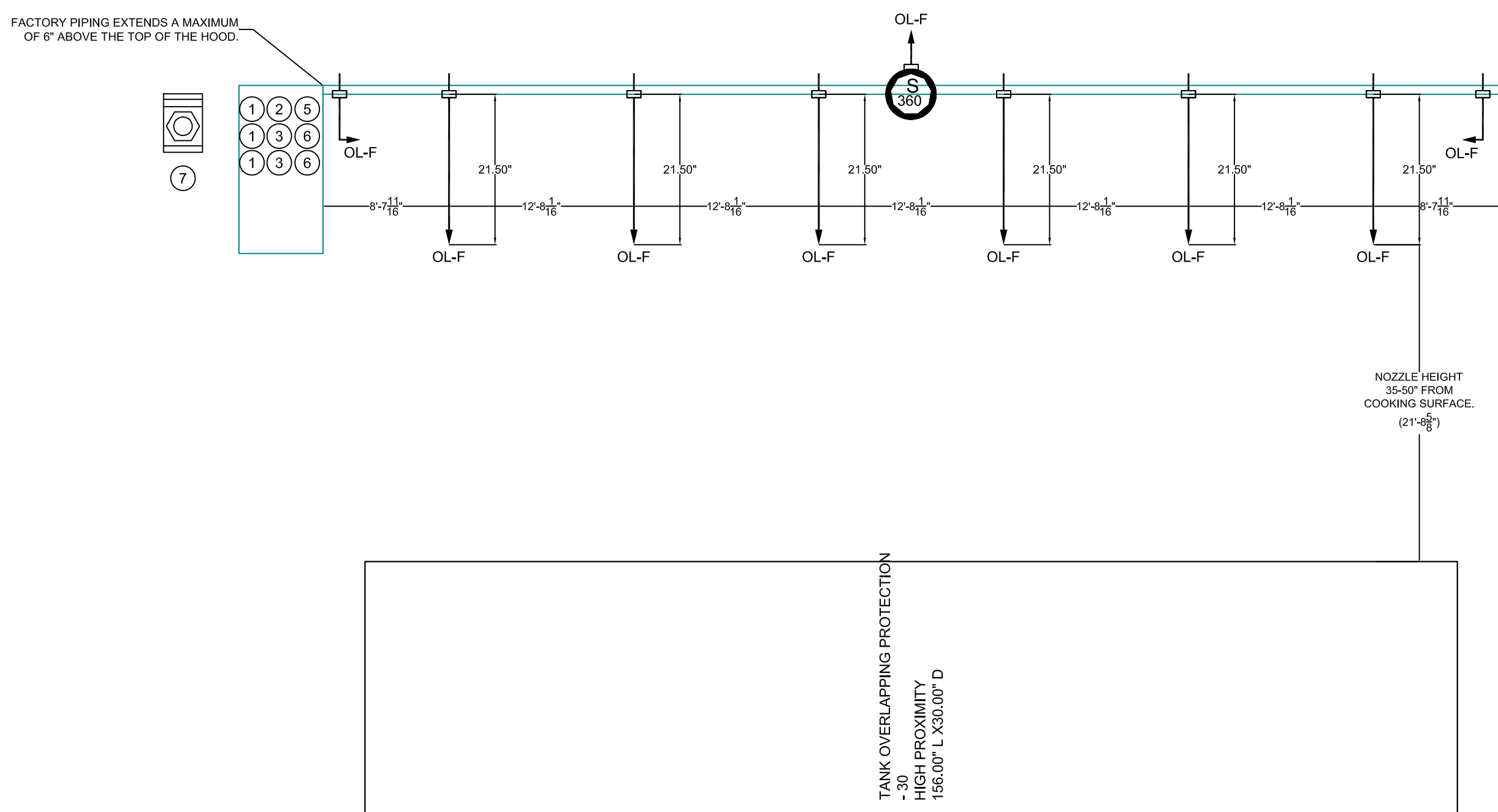
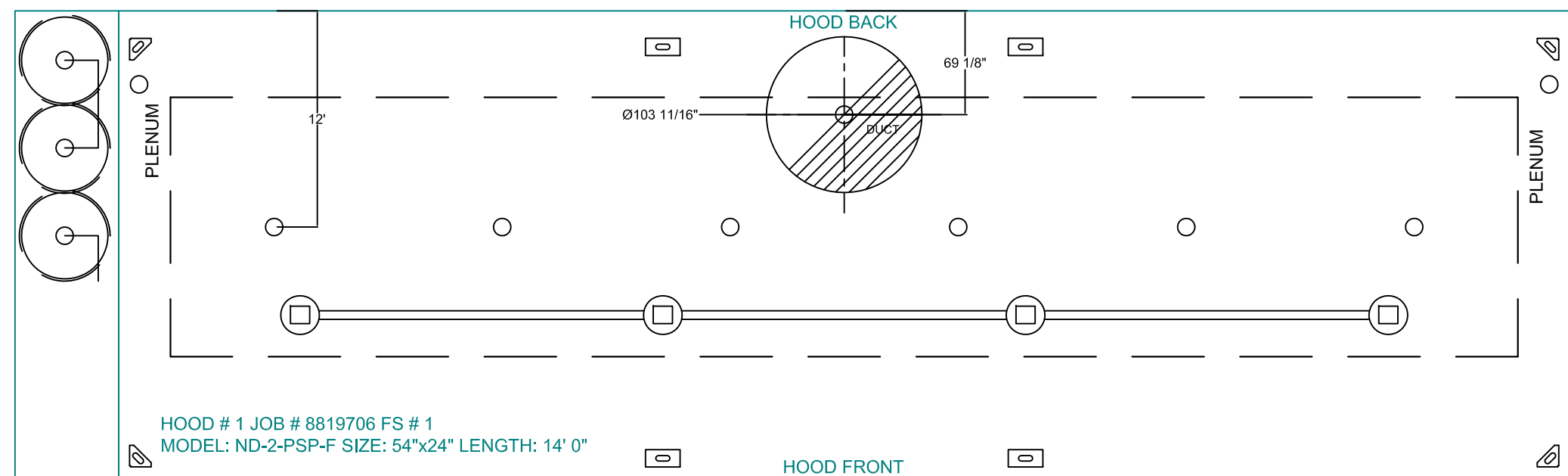
FIRE SYSTEM PARTS LIST KEY

FIRE SYSTEM NO	TAG	KEY NUMBER - PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
1		0 - 0 - DATANKLOCK - DISCHARGE ADAPTER TANK LOCKING PLATE FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	3	0
		0 - 0 - TANK STRAP - TANK STRAP - USED FOR TANK FIRE SUPPRESSION.	9	0
		0 - 0 - TFS-UCTANKBRACKET - TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	3	0
		0 - 0 - 87-120045-001 - HOSE, SECONDARY ACTUATOR HOSE, 7.5\"/>	2	0
		0 - 0 - TANK FIRE SUPPRESSION.	3	0
		0 - 0 - WK-283952-000 - DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.	3	0
		0 - 0 - 87-300152-001 - HARDWARE, SVA BOLTS, TANK FIRE SUPPRESSION.	12	0
		0 - 0 - A0034332 - JUNCTION BOX FOR MANUAL PULL STATION, 1.5\"/>	1	0
		34 - 34 - A0034331 - RED COLOR - 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, ONE (1) NORMALLY OPEN CONTACT.	1	0
		0 - 0 - 86844115 - HARDWARE, DATANKLOCK LOCKING BRACKET SQUARE NUTS 5/16\"/>	6	0
		0 - 0 - TANK FIRE SUPPRESSION.	1	0
		0 - 0 - TANK FIRE SUPPRESSION POST-DISCHARGE PROCEDURE UTILITY CABINET LABEL SHEET.	1	0
		0 - 0 - TANK FIRE SUPPRESSION MAINTENANCE GUIDE UTILITY CABINET LABEL SHEET.	1	0
		0 - 0 - 79580 - 1/2\"/>	3	0
		0 - 0 - A31484 - 1/4\"/>	2	0
		0 - 0 - 79525 - 1/2\"/>	2	0
		0 - 0 - 4429K422 - 1/2\"/>	2	0
		0 - 0 - 4429K153 - 1/2\"/>	3	0
		0 - 0 - 87-300030-001 - PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, ONE NEEDED PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-120042-001 - SECONDARY ACTUATOR VALVE (SVA) - SINGLE ACTUATOR, REQUIRES PRIMARY RELEASE ACTUATOR, TANK FIRE SUPPRESSION.	2	0
		0 - 0 - 87-300030-001 - DIN CONNECTOR, CANFIELD PART #83680-20H-EUDA, TANK FIRE SUPPRESSION, SUBMINATURE SOLENOID CONNECTION (CED VENDOR 30377).	1	0
		0 - 0 - 87-300001-001 - TANK - PRESSURIZED TANK USED FOR TANK FIRE SUPPRESSION.	3	0
		0 - 0 - 12-F28021-32144-OT-360 - DUCT FIRE THERMOSTAT WITH 12 FOOT WIRE LEADS, NO. CLOSE ON TEMP RISE AT 360°F. (A0034310).	1	0
		SC-AGSGSV1-1/2 - GAS VALVE - 1-1/2\"/>	1	0

NOTES

- FIELD PIPE DROPS AS SHOWN
- PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
- SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVEING, SALAMANDERS, ETC.
- OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
- IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6\"/>

- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
- THIS PRE-ENGINEERED FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.
- OL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

MECHANICAL DETAILS
SCALE: NONE

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FAN UNIT NO.	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1		1	AH-DU180HFA	ADVANCED HOOD	3150	1,500	1335	ODP, PREMIUM	2,000	1.6920	3	208	8.3	727 FPM	197	20.6

FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1		YES						
2							YES	

NO	ON FAN	R-VALUE	WEIGHT	ITEM	SIZE
1	# 1		30 LBS	CURB	26.500"W X 26.500"L X 26.000"H VENTED.
2	# 2	4.3	76 LBS	CURB	31.000"W X 79.000"L X 15.000"H INSULATED.

1" R4.3 FOIL FACED FIBERGLASS INSULATION. COMPLIES WITH UL/ULC,ASTM, & ASHRAE STANDARDS.

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	GREASE BOX
		1	FAN BASE CERAMIC SEAL - DUJDR180HFA - INSTALLED AT PLANT - FOR GREASE DUCTS
		1	UNIT MOUNTED VFD FOR USE WITH ECPM03
		1	VFD MOUNTING BRACKET FOR DUJDR 180
		1	EXHAUST FAN HEAT RAFFLE
		1	2 YEAR PARTS WARRANTY
2		1	SIZE 2 TEMPERED COMMERCIAL DOWN DISCHARGE FOR DIRECT DRIVE AHUS
		1	INLET PRESSURE GAUGE, 0-35"
		1	MANIFOLD PRESSURE GAUGE, -5 TO 15" WC
		1	BUTTERFLY MOD VALVE OPTION FOR MOD SIZE 2 (1" MOD VALVE)
		1	MOTORIZED BACKDRAFT DAMPER FOR A2-D HOUSING - MEETS AMCA CLASS 1A RATING
		1	MODULAR UNIT INTAKE FREESTAT SET TO 135°F
		1	SIZE 2 DIRECT FIRED HEATER LOW CFM PROFILE PACKAGE - USED ON HEATERS UNDER 2500 CFM
		1	UNIT MOUNTED VED FOR USE WITH ECPM03
		1	2 YEAR PARTS WARRANTY
		1	EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTI-ROTATION BRACKET

Technical drawing of a grease trap with the following dimensions and labels:

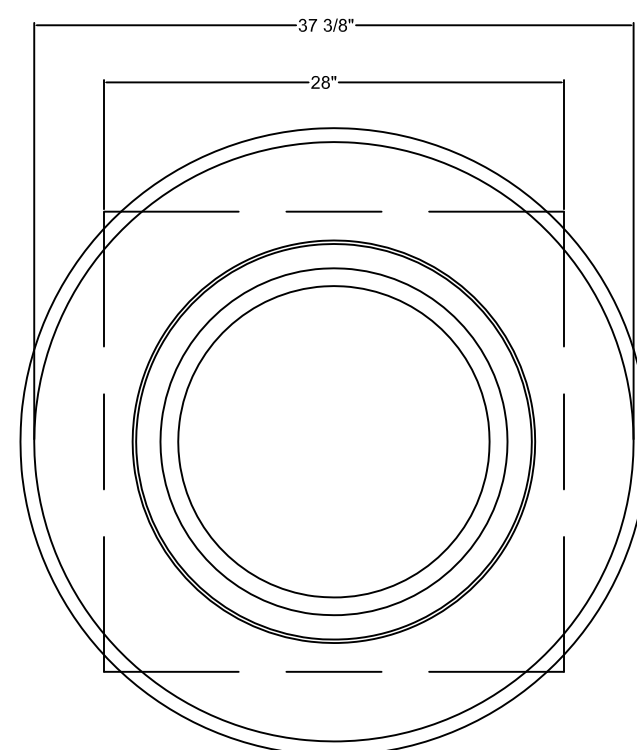
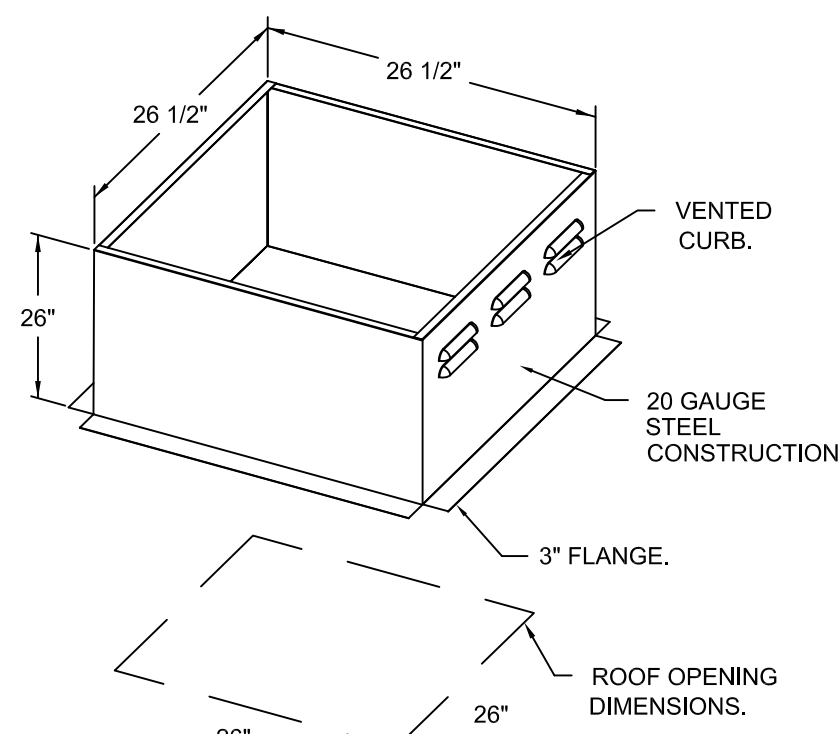
- Top width: 37 3/8"
- Left side height: 33 3/4"
- Right side height: 22"
- Bottom width: 26"
- Internal width: 16 1/2"
- Label: GREASE DRAIN.
- Label: DUCTWORK BETW. EXHAUST RISER

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULCS-8645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

- GREASE BOX.
- FAN BASE CERAMIC SEAL - DU/DR180HFA
- INSTALLED AT PLANT - FOR GREASE DUCTS.
- UNIT MOUNTED VFD FOR USE WITH ECPM03.
- VFD MOUNTING BRACKET FOR DU/DR 180.
- EXHAUST FAN HEAT BAFFLE.
- 2 YEAR PARTS WARRANTY.



CLOSED POSITION

FAN.

GREASE BOX COVER.

GREASE PIPE.

GREASE BOX.

CURB.

OPEN POSITION

HINGE KIT (OPTIONAL).

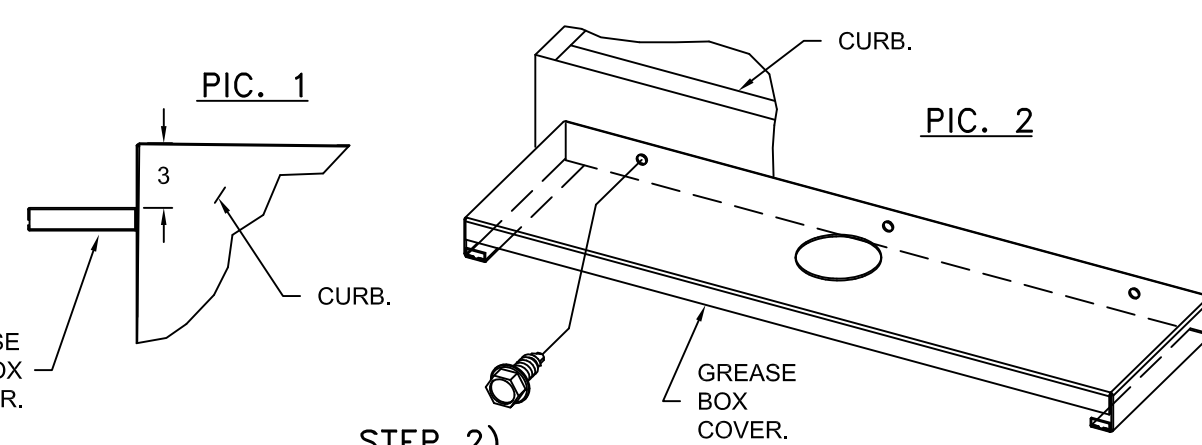
CURB.

Diagram 1 illustrates the mounting of the control panel to the base. The panel is shown being lowered into a base. The base has a top opening width of $5 \frac{1}{16}$ inches and a bottom opening width of $3 \frac{3}{4}$ inches. The depth of the base is $17 \frac{1}{8}$ inches. The panel is positioned at a distance of approximately 3 inches from the base. The panel features a 'GR' label and a 'Control' label.

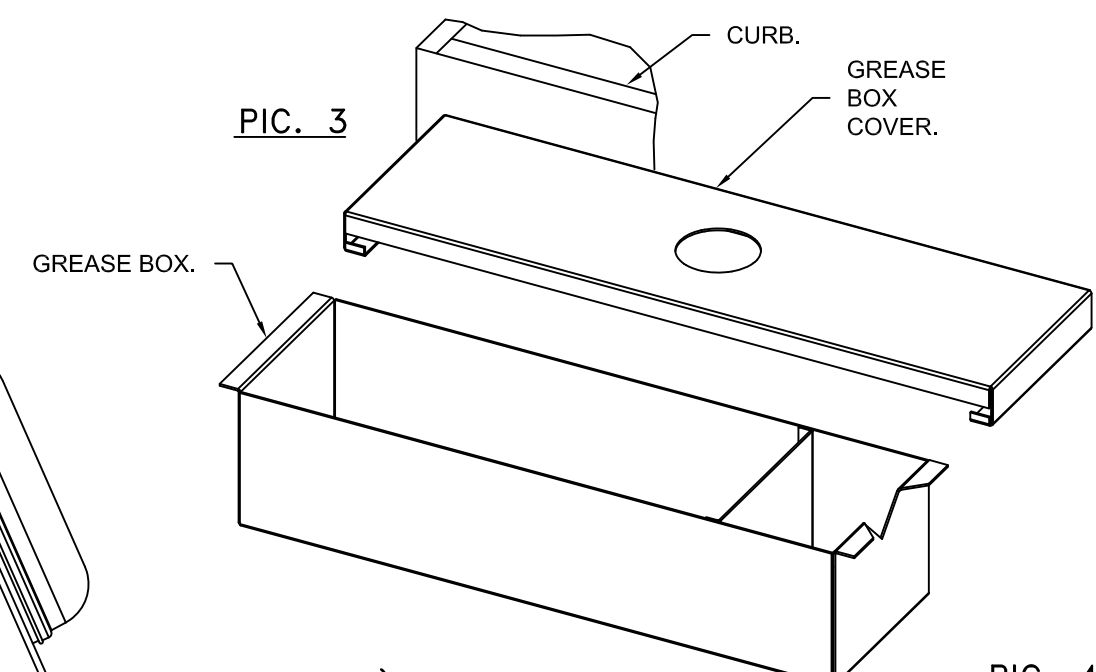
GREASE BOX.
GREASE BOX COVER.
GREASE PIPE.

SHEET METAL SCREWS
3 - LONG (3/4" LG.).

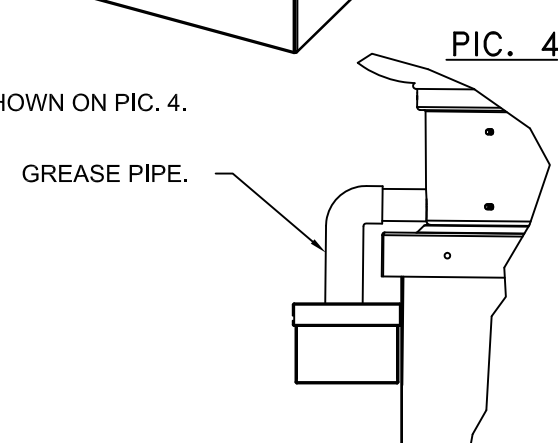
ATTACH GREASE BOX COVER TO THE CURB,
HOLD 3" DIMENSION AS SHOWN ON PIC. 1.
SCREW GREASE BOX COVER TO CURB USING (3) LONG (3/4" LG.)
SCREWS AS SHOWN ON PIC. 2.



ATTACH GREASE BOX TO GREASE BOX COVER, SLIDE AND DROP
AS SHOWN ON PIC. 3.



INSTALL GREASE PIPE AS SHOWN ON PIC. 4.



FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MOCp	WEIGHT (LBS)	SONES
2		1	AH-A2-D.250-20D	20MF-2-MOD	A2-D.250	2000	2520	0.500	1097	ODP, PREMIUM	1.000	0.7370	3	208	3.8	6A	15A	672	8.1

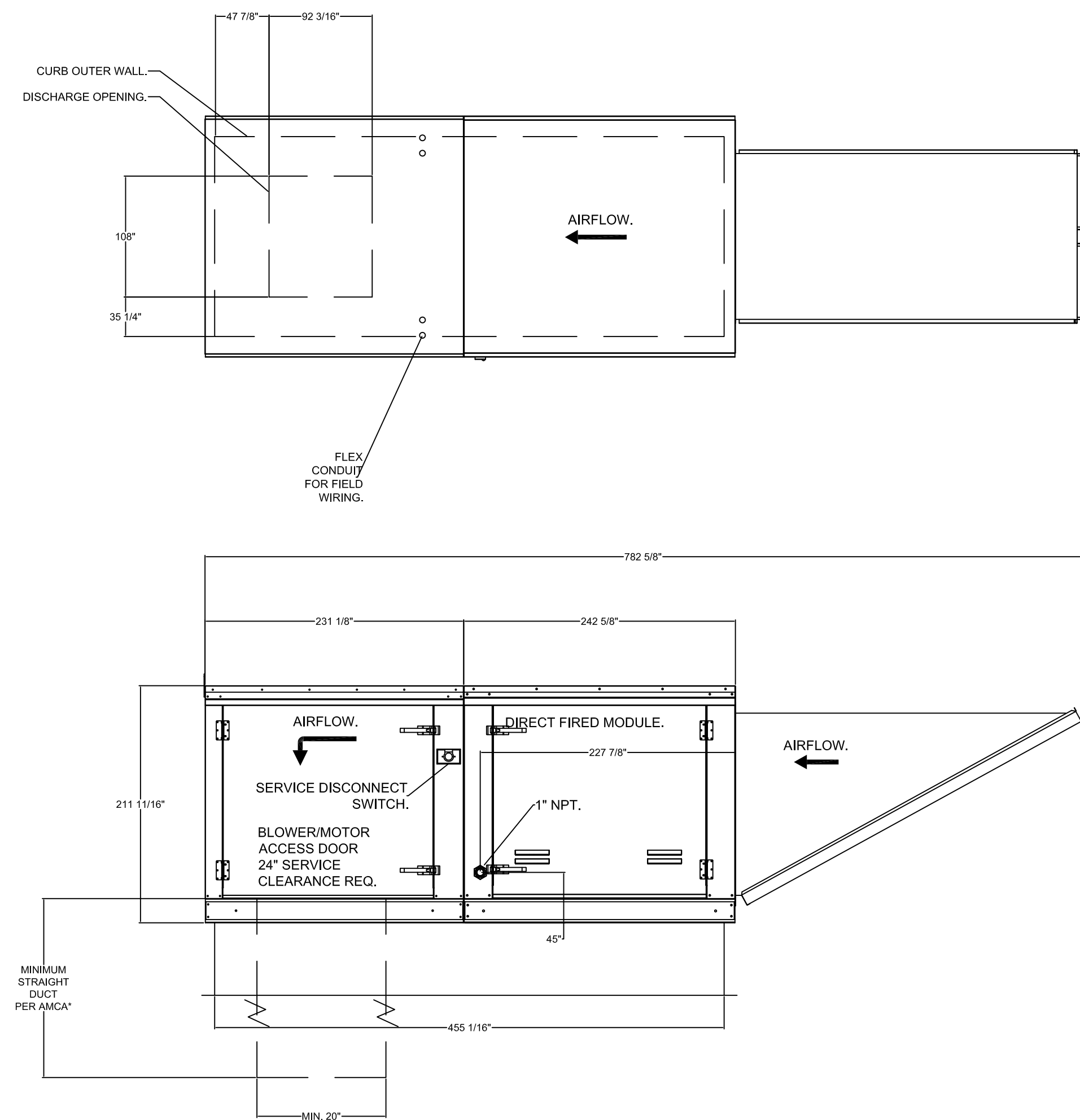
FAN UNIT NO	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
2		145062	133457	50°F	7 IN. W.C. - 14 IN. W.C.	NATURAL	92

PAN 82 AH-42D-260-20 - HEATER

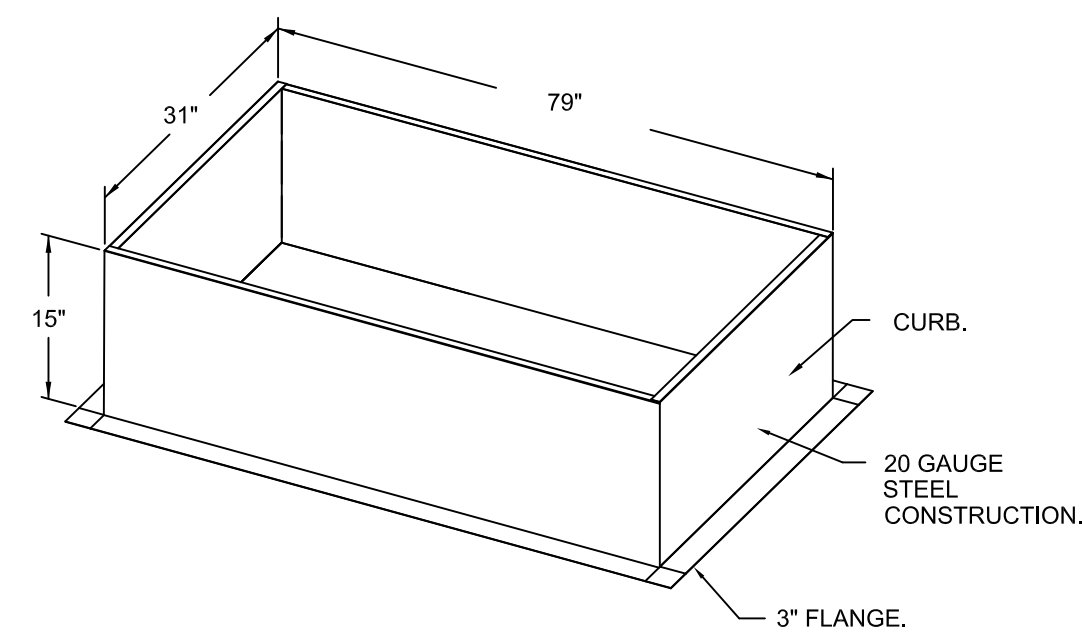
- 1. GAS FRESH HEATED AIR SUPPLY AIR UNIT WITH 20" MIXED FLOW DIRECT DISCHARGE PAN.
- 2. INTAKE HOOD WITH 6Z FLT FILTERS.
- 3. EXHAUST HOOD WITH 6Z FLT FILTERS.
- 4. DOWN DISCHARGE CONSTRUCTION FOR SIZE 2 DIRECT DISCHARGE AHSJ.
- 5. PRESSURE GAUGE .50 PSI TO 2.5" DIAMETER 1/4" THREAD SIDE.
- 6. GAS PRESSURE GAUGE .50 PSI TO 1.5" INCH WELD .25" DIAMETER 1/4" THREAD SIDE.
- 7. BUTTERFLY MOD VALVE OPTION FOR MOD SIZE 21" MOD VALVE.
- 8. MOTORIZED BACK DRAFT DAMPER 22" X 22" INCHES FOR SIZE 2 STANDARD & MODULAR HEATER UNITS WEXTENISHED SHANT STANDARD GALVANIZED STEEL.
- 9. MODULAR UNIT INTAKE FIREHAT SET .30" TO 1.50".
- 10. MODULAR UNIT COMPARTMENT RATED 100°F TO 200°F BUILT UP FOR LOW COLD APPLICATIONS.
- 11. UNIT MOUNTED VFD FOR USE WITH LSP-MOD.
- 12. EXTERIOR GROUND INSULATED DOUBLE DOOR ASSEMBLY 1 BURNER/DUAL SECTION.
- 13. EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTIROTATION BRACKET.

NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN APCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE HANDS THROAT, RADIAL BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURN IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW, DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED SUPPLY STRAIGHT DUCT SIZE IS 20" x 20".

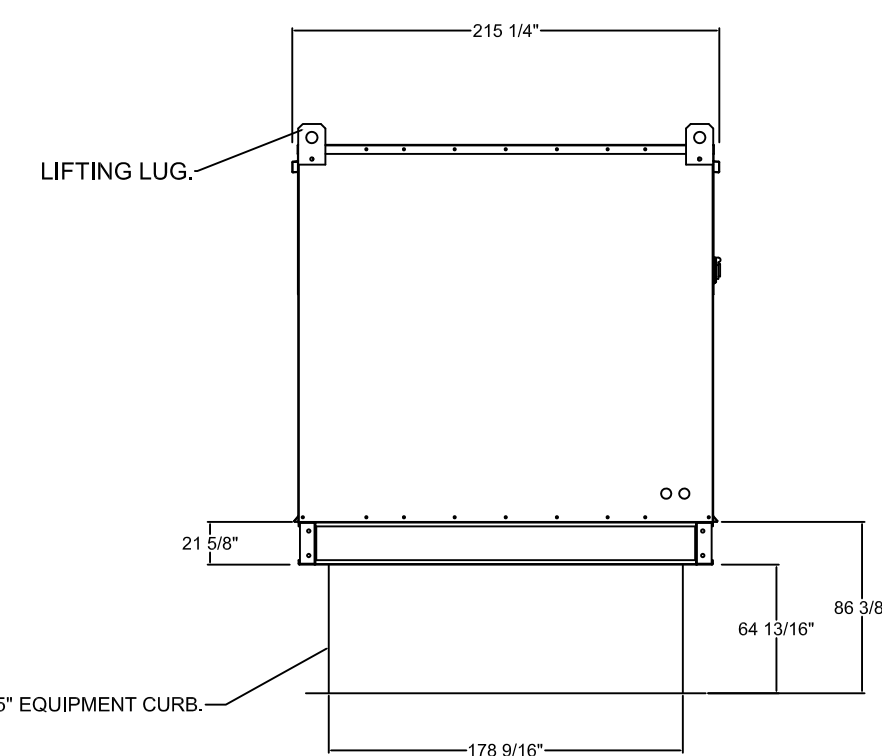
WINTER TEMPERATURE = 25°F. TEMP. RISE = 50°F.
BTUs CALCULATED OFF ACTUAL AIR DENSITY.
OUTPUT BTUs AT ALTITUDE OF 0.0 FT. = 134611.
INPUT BTUs AT ALTITUDE OF 0.0 FT. = 146316.
OUTPUT BTUs AT ALTITUDE OF 238 FT. = 133457.
INPUT BTUs AT ALTITUDE OF 238 FT. = 145062.



OPTIONS:
- FULL BOTTOM CORNERS



ROOF OPENING 2" SMALLER THAN CURB DIMENSION.



MECHANICAL DETAILS

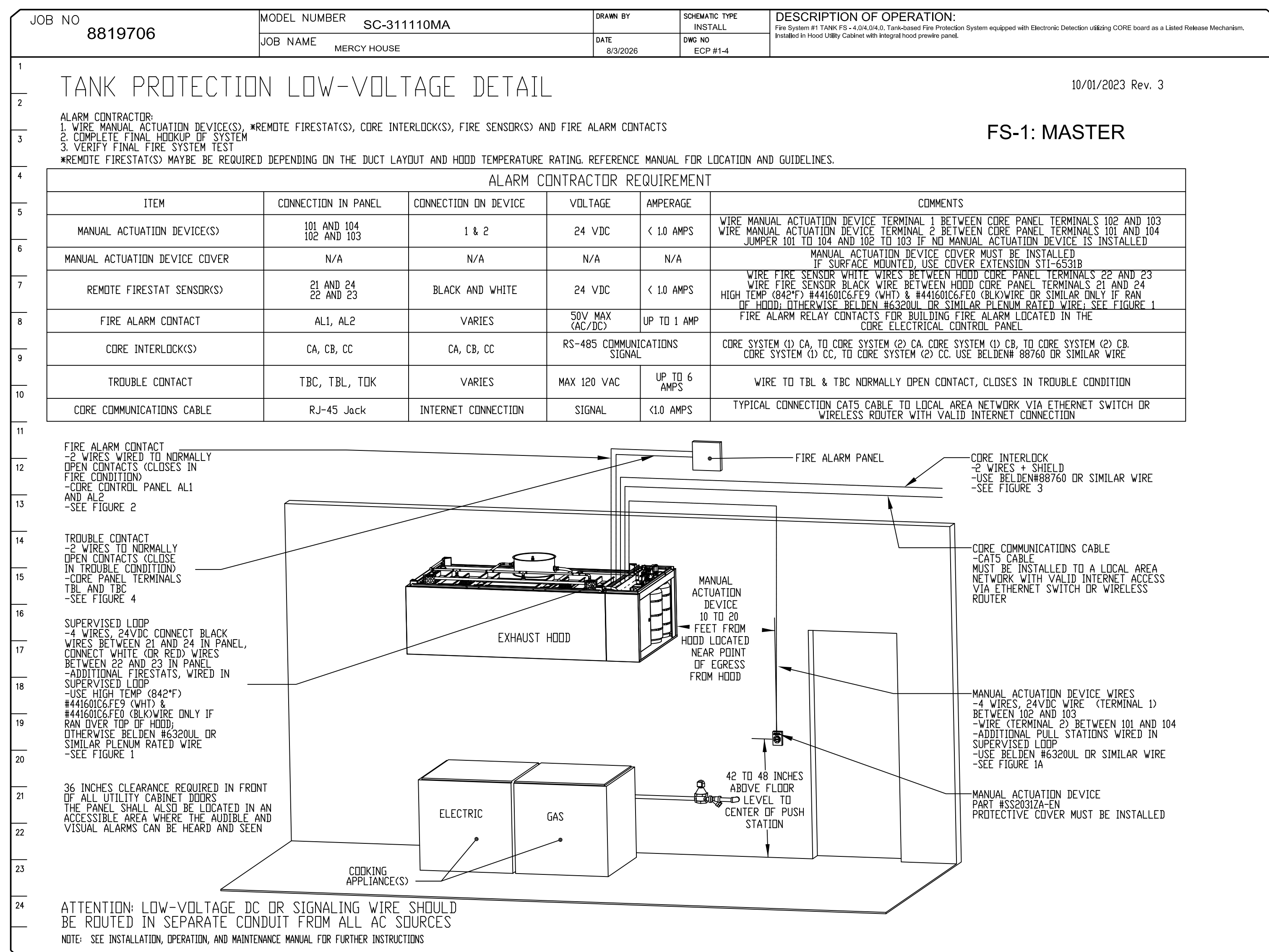
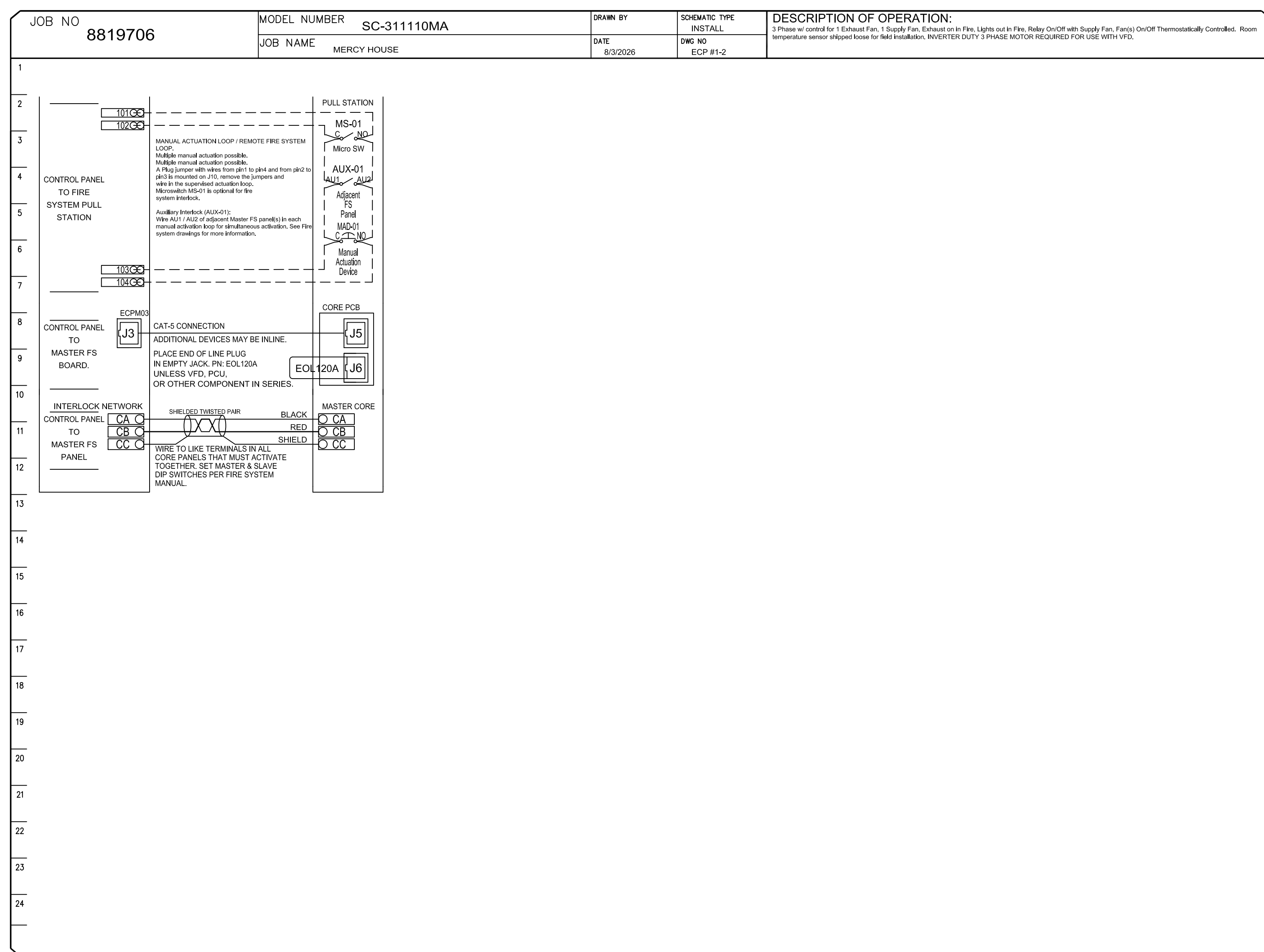
SCALE: NONE



Construction Documents

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M018



VERTICAL PTAC UNIT SCHEDULE											
MARK	EQUAL TO ISLANDAIRE MOD.	COOLING CAPACITY BTUH	HEATING CAPACITY BTUH	TOTAL CFM MAX/MIN	UNIT ELECTRICAL			ELECTRIC HEAT			REMARKS
					VOLTS	PHASE	AMPS	VOLTS	PHASE	AMPS	
FCU-1 THRU FCU-7	EZ4212L2BIF46AA	12,000	10,200	375/320	208	1	6	208			PROVIDE WITH ECM MOTOR
FCU-8	EZ4216L2BIF46AA	15,000	13,500	360/320	208	1	7	208	1	9.83	PROVIDE WITH ECM MOTOR
FCU-9 THRU FCU-16	EZ4212L2BIF46AA	12,000	10,200	375/320	208	1	6	208	1	9.83	PROVIDE WITH ECM MOTOR
FCU-17 THRU FCU-20	EZ4216L2BIF46AA	15,000	13,500	360/320	208	1	7	208	1	9.83	PROVIDE WITH ECM MOTOR
FCU-21 THRU FCU-28	EZ4212L2BIF46AA	12,000	10,200	375/320	208	1	6	208	1	9.83	PROVIDE WITH ECM MOTOR
NOTES: INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. VERIFY ELECTRICAL REQUIREMENTS PER MANUFACTURER'S RECOMMENDATIONS.											

LOUVER SCHEDULE									
MARK	EQUAL TO TITUS MODEL	DUTY TYPE	SIZE	MOUNTING	COLOR	REQUIRED CFM	MATERIAL	REMARKS	
LV-2 THRU LV-18	RUSKIN ELF6375DX	EXHAUST AIR	12"x12"	EXTERIOR WALL SURFACE	TO MATCH	AS SHOWN	ALUMINUM	USED AS LOUVERED EXTERIOR WALL GRILLE INCLUDE 3/4" MESH SCREEN	
LV-19 THRU LV-20	RUSKIN ELF6375DX	EXHAUST AIR	24"x12"	EXTERIOR WALL SURFACE	TO MATCH	AS SHOWN	ALUMINUM	USED AS LOUVERED EXTERIOR WALL GRILLE INCLUDE 3/4" MESH SCREEN	
LV-21 THRU LV-28	RUSKIN ELF6375DX	EXHAUST AIR	12"x12"	EXTERIOR WALL SURFACE	TO MATCH	AS SHOWN	ALUMINUM	USED AS LOUVERED EXTERIOR WALL GRILLE INCLUDE 3/4" MESH SCREEN	

EXHAUST FAN SCHEDULE								
MARK	LOREN COOK MODEL	CFM	MAX RPM	STATIC W.G.	DRIVE TYPE	MOUNTING	ELECTRICAL	REMARKS
EF-1	GC-188	225	1450	.25"	DIRECT	CEILING	115V, 98.6 WATT	CONTROLLED BY LIGHT SWITCH.
EF-2 THRU EF-18	GC-148	75	1075	.25"	DIRECT	CEILING	115V, 30.5 WATT	CONTROLLED BY LIGHT SWITCH.
EF-19 THRU EF-20	16CVB	400	1725	.25"	BELT	INLINE	115V, 1/6 HP	CONTROLLED BY LIGHT SWITCH.
EF-21 THRU EF-24	GC-148	75	1075	.25"	DIRECT	CEILING	115V, 30.5 WATT	CONTROLLED BY LIGHT SWITCH.
PROVIDE ACCESSORIES AS SHOWN OR NOTED. INSTALL SERVICE DISCONNECT TO ALL FANS. BACKDRAFT DAMPERS, SPRING ISOLATORS, FLEXIBLE CONNECTIONS, FAN SPEED CONTROL AND MOUNTING HARDWARE WITH ALL FANS.								

GAS FURNACE SCHEDULE													
MARK	MAKE	MODEL	TYPE	MBH INPUT	MBH OUTPUT	TOT CFM	OA CFM	HP	VOLTS	PHASE	TYPE GAS	VENT SIZE	REMARKS
AHU-1	TRANE	S9X2C	HORIZONTAL	120	116	2,000	200	1.0	120	1	NG	3"	2-STAGE HEATING, 2-STAGE COOLING, VARIABLE SPEED BLOWER. USES CC-1
AHU-2	TRANE	S9X2C	HORIZONTAL	120	116	2,000	200	1.0	120	1	NG	3"	2-STAGE HEATING, 2-STAGE COOLING, VARIABLE SPEED BLOWER. USES CC-2
AHU-3	TRANE	S9X2B	HORIZONTAL	40	38	1,200	160	1.0	120	1	NG	3"	2-STAGE HEATING, 2-STAGE COOLING, VARIABLE SPEED BLOWER. USES CC-3
AHU-4	TRANE	S9X2C	HORIZONTAL	100	97	1,600	160	1.0	120	1	NG	3"	2-STAGE HEATING, 2-STAGE COOLING, VARIABLE SPEED BLOWER. USES CC-4
AHU-5	TRANE	S9X2C	HORIZONTAL	120	116	2,000	200	1.0	120	1	NG	3"	2-STAGE HEATING, 2-STAGE COOLING, VARIABLE SPEED BLOWER. USES CC-5
AHU-6	TRANE	S9X2C	HORIZONTAL	120	116	1,400	200	1.0	120	1	NG	3"	2-STAGE HEATING, 2-STAGE COOLING, VARIABLE SPEED BLOWER. USES CC-6
AHU-7	TRANE	S9X2C	HORIZONTAL	120	116	1,400	200	1.0	120	1	NG	3"	2-STAGE HEATING, 2-STAGE COOLING, VARIABLE SPEED BLOWER. USES CC-7

COOLING COIL SCHEDULE								
COIL FOR AHU	MAKE	MODEL	CFM	EA DB/WB	LA DB/WB	TOT MBH	APD IN WG	REMARKS
CC-1	TRANE	5TXC	2,000	80°/67°	55°/55°	60	.80"	SEE SPECIFICATIONS
CC-2	TRANE	5TXC	2,000	80°/67°	55°/55°	60	.80"	SEE SPECIFICATIONS
CC-3	TRANE	5TXC	1,200	80°/67°	55°/55°	36	.80"	SEE SPECIFICATIONS
CC-4	TRANE	5TXC	1,600	80°/67°	55°/55°	36	.80"	SEE SPECIFICATIONS
CC-5	TRANE	5TXC	2,000	80°/67°	55°/55°	60	.80"	SEE SPECIFICATIONS
CC-6	TRANE	5TXC	1,600	80°/67°	55°/55°	42	.80"	SEE SPECIFICATIONS
CC-7	TRANE	5TXC	1,600	80°/67°	55°/55°	42	.80"	SEE SPECIFICATIONS
MAXIMUM: FINS PER INCH 14 EACH COIL SHOULD BE EQUIPPED WITH THE APPROPRIATE SIZE EVAPORATOR COILS.								

CONDENSING UNIT SCHEDULE									
MARK	MAKE	MODEL	COOLING CAP. TOTAL BTU/H	TYPE HP/CU	HEATING CAPACITY	ELECTRICAL REQ.	MCA	MOCP	REMARKS
CU-1	TRANE	5TTA4060A3	60,000	CU	N/A	208V, 3 PH	21	35	
CU-2	TRANE	5TTA4060A3	60,000	CU	N/A	208V, 3 PH	21	35	
CU-3	TRANE	5TTA4038A3	36,000	CU	N/A	208V, 3 PH	17	25	
CU-4	TRANE	5TTA4048A3	48,000	CU	N/A	208V, 3 PH	17	25	
CU-5	TRANE	5TTA4060A3	60,000	CU	N/A	208V, 3 PH	21	35	
CU-6	TRANE	TTA090K3DAA	90,000	CU	N/A	208V, 3 PH	35	45	
NOTES: VERIFY ELECTRICAL REQUIREMENTS PER MANUFACTURER'S RECOMMENDATIONS. UNITS ARE SUPPLIED/DESIGNED/MANUFACTURED FOR A 230V POWER SOURCE PER MANUFACTURER; UTILITY PROVIDER TO LIMIT POWER TO AVOID POWER SPIKE OF +10% OF THE 230V SYSTEM (253V). DAMAGE TO SYSTEM FROM ADDITIONAL VOLTAGE IS THE UTILITY PROVIDER'S RESPONSIBILITY.									



Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

Existing Remodel



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GRAVITY VENTILATOR SCHEDULE

MARK	MAKE	MODEL	TYPE	FINISH	WIDTH	HEIGHT	FACE VELOCITY	P.D.	REMARKS
GV-1 THRU GV-3	COOK	8PR	ROOF TOP GRAVITY VENTILATOR	ALUMINUM	32"	32"	500 FPM	0.05"	EACH GRAVITY VENTILATOR TO BE INSTALLED WITH RESPECTIVE AIR HANDLER.

GRILLE, REGISTER, DIFFUSER SCHEDULE

MARK	EQUAL TO TITUS MODEL	DUTY TYPE	SIZE	MOUNTING	COLOR	REQUIRED CFM	MATERIAL	REMARKS
A	TMSAA	SUPPLY	24"x24"	LAY-IN	WHITE	AS SHOWN	ALUMINUM	SEE NOTE
B	TMSAA	SUPPLY	12"x12"	CEILING SURFACE	WHITE	AS SHOWN	ALUMINUM	SEE NOTE
C	50F	RETURN/EXH	12"x12"	CEILING SURFACE	WHITE	AS SHOWN	ALUMINUM	CUBE CORE GRILLE
D	50F	RETURN	24"x24"	LAY-IN	WHITE	AS SHOWN	ALUMINUM	CUBE CORE GRILLE
E	S300FL	SUPPLY	16"x10"	DUCT MOUNTED	WHITE	AS SHOWN	ALUMINUM	DUCT MOUNTED SUPPLY AIR GRILLE WITH AIR SCOOP DAMPER FOR VOLUME CONTROL.
F	3FS	RETURN	24"x12"	DUCT MOUNTED	WHITE	AS SHOWN	ALUMINUM	DUCT MOUNTED RETURN AIR GRILLE WITH AIR SCOOP DAMPER FOR VOLUME CONTROL.
NOTE: 1. SUPPLY DIFFUSERS WILL HAVE ROUND NECK SIZES AS SHOWN ON DRAWING. NECK SIZE OF DIFFUSER SHOULD MATCH DUCT SIZE WHICH SERVES THAT DIFFUSER. 2. FOR THE SURFACE MOUNTED SUPPLY DIFFUSERS, A PLASTER RING MAY BE USED.								

HOOD FAN SCHEDULE

MARK	DENLAR MODEL	CFM	ELECTRICAL	REMARKS
HD-1 THRU HD-4	D1036-R-4-5	175	120V / 4.0A	ECM VARIABLE SPEED. PROVIDE WITH MANUFACTURER'S WALL CAP FOR EXTERIOR DISCHARGE. PROVIDE WITH MANUFACTURER'S INTEGRAL FIRE SUPPRESSION KIT TO INCLUDE TANK, CONTROLS, NOZZLES, AND ALL ELSE REQUIRED.
PROVIDE ACCESSORIES AS SHOWN OR NOTED. BACKDRAFT DAMPERS, FLEXIBLE CONNECTIONS, FAN SPEED CONTROL AND MOUNTING HARDWARE WITH ALL FANS. PROVIDE KITCHEN HOOD WITH ASSOCIATED EXHAUST FAN.				

PACKAGE UNIT SCHEDULE

MARK	MAKE	MODEL	TOTAL		EVAPORATOR FAN			UNIT ELECTRICAL			COOLING				GAS HEAT			
			CFM	O.A.	ESP	H.P.	VFD	VOLTS	Ø	MCA	MFS	O.A. (DB/WB)	MIXED AIR (DB/WB)	LEAVING AIR (DB/WB)	CAPACITY (TOTAL/SENSIBLE)	INPUT		OUTPUT
RTU-1	ADVANCED HOOD	AHRTU24.200-18-137	2,500	1250	0.75	2	NO	208	3	77.3	80	90.6°F / 79.7°F	82.8°F / 71.7°F	53.6°F / 51.7°F	154.3 MBH / 77.5 MBH	172,488 BTUH	139,715 BTUH	SEE NOTES

NOTE:
INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL NOT AN APPROVED EQUAL.
DIRECT DRIVE PLENUM BLOWER. BELT DRIVEN BLOWERS ARE NOT ACCEPTABLE.
INTEGRATED MONITORING VIA CELLULAR CONNECTION BY MANUFACTURER.
REFRIGERATION PRESSURE MONITORING ON HIGH AND LOW PRESSURE SIDE.
EC MOTOR CONDENSING FANS.
ELECTRONIC EXPANSION VALVE.
SUCTION LINE ACCUMULATOR.
FACTORY COMMISSIONING WITH 5 YEAR PARTS WARRANTY. 25 YEAR WARRANTY ON STAINLESS STEEL HEAT EXCHANGER.
AVERAGING INTAKE, EVAP AND DISCHARGE TEMPERATURE SENSORS (DISCHARGE SENSOR TO BE FACTORY MOUNTED WITHIN UNIT).
2" EXTERIOR DUAL WALL CONSTRUCTION WITH R-13 INSULATION - MINIMUM 20 GA EXTERIOR W/ 14 GA BASE.
81% EFFICIENT FURNACE.
UNIT SHALL INCLUDE A SERVICE SAFE STOP FEATURE.
SUPPLY CFM MONITORING INTEGRAL TO UNIT WITH CFM MEASUREMENT INCLUDED THROUGH DIGITAL INTERFACE.
FULLY MODULATING HOT GAS REHEAT.
LOW AMBIENT COOLING OPERATION DOWN TO 0°F
DOWN DISCHARGE DOWN RETURN.
INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL NOT AN APPROVED EQUAL.

DRYER BLOWER SCHEDULE

MARK	FANTECH MODEL	CFM	MAX RPM	STATIC " W.G.	DRIVE TYPE	MOUNTING	ELECTRICAL	REMARKS
DF	DEDPV-705	100	580	.8"	DIRECT	CEILING	120V, 75 WATT	CONTROLLED BY DRYER ACTIVATION; PROVIDE "KEES" MODEL K 16"x16" ARCHITECTURAL ACCESS PANEL AT ALL FANS. ALL DRYER FANS MUST BE ACCESSIBLE FOR MAINTENANCE AND INSPECTION. OWNER PROVIDED, CONTRACTOR INSTALLED.
PROVIDE ACCESSORIES AS SHOWN OR NOTED. INSTALL SERVICE DISCONNECT TO ALL FANS. BACKDRAFT DAMPERS, SPRING ISOLATORS, FLEXIBLE CONNECTIONS, FAN SPEED CONTROL AND MOUNTING HARDWARE WITH ALL FANS. PROVIDE WITH INTEGRAL DUCT PRESSURE CONTROLS PROVIDE WITH DBLT4W LINT TRAP MOUNTED IN WALL ACCESSIBLE FROM UTILITY ROOM FOR ROUTINE CLEANING.								

EXTERIOR DRYER VENT

MARK	EQUAL TO SEIHO MODEL	DUTY TYPE	SIZE	MOUNTING	COLOR	REQUIRED CFM	MATERIAL	REMARKS
DV	SB-P DRYER VENT CAP	DRYER EXHAUST	8"x8"	EXTERIOR WALL SURFACE	BLACK	AS SHOWN	ALUMINUM	USED AS EXTERIOR WALL GRILLE FOR DRYER EXHAUST; COLOR BY ARCHITECT/OWNER. OWNER PROVIDED, CONTRACTOR INSTALLED.

MINI-SPLIT SCHEDULE

ROOM SERVED	OUTDOOR UNIT										INDOOR UNIT (AIR HANDLING UNIT)											
	UNIT TAG	LG MODEL NUMBER	AMBIENT TEMPERATURE		CAPACITY, MBH		ELECTRICAL DATA			UNIT WEIGHT	UNIT TAG	TYPE	LG MODEL NUMBER	INDOOR AIR TEMP.		RATED CAPACITY, MBH		ELECTRICAL DATA	FAN DATA		ACCESSORIES/ REMARKS	
			SUMMER °Fdb - °Fwb	WINTER °Fdb - °Fwb	COOLING	HEATING	V-PH	MCA AMPS	MOCF AMPS					RATED AMPS	°Fdb	°Fwb	°Fdb	COOLING	HEATING	VOLTAGE-PHASE		AIRFLOW, CFM LOW HIGH
PER PLANS	HP-1	ARUN024GSS4	95.0 - 78.0	47.0 - 43.0	24 MBH	27 MBH	208-1	19.6	30	24.1	159	MS-1	WALL	ARNU243KA4	80.0 - 67.0	70.0	24.2	25.6	208 - 1	371	537	NOTES "A" & "B"

- NOTES:
A) OUTDOOR UNIT (ODU) CAPACITY VALUES LISTED ARE NOMINAL AT STANDARD OPERATING TEMPERATURES LISTED IN SCHEDULE.
B) PROVIDE WITH MANUFACTURER'S CONDENSATE PUMP (IF NEEDED) ; ROUTE AND TERMINATE CONDENSATE PER MANUFACTURE'S RECOMMENDATIONS AND REQUIREMENTS AND LOCAL APPLICABLE CODES.



Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

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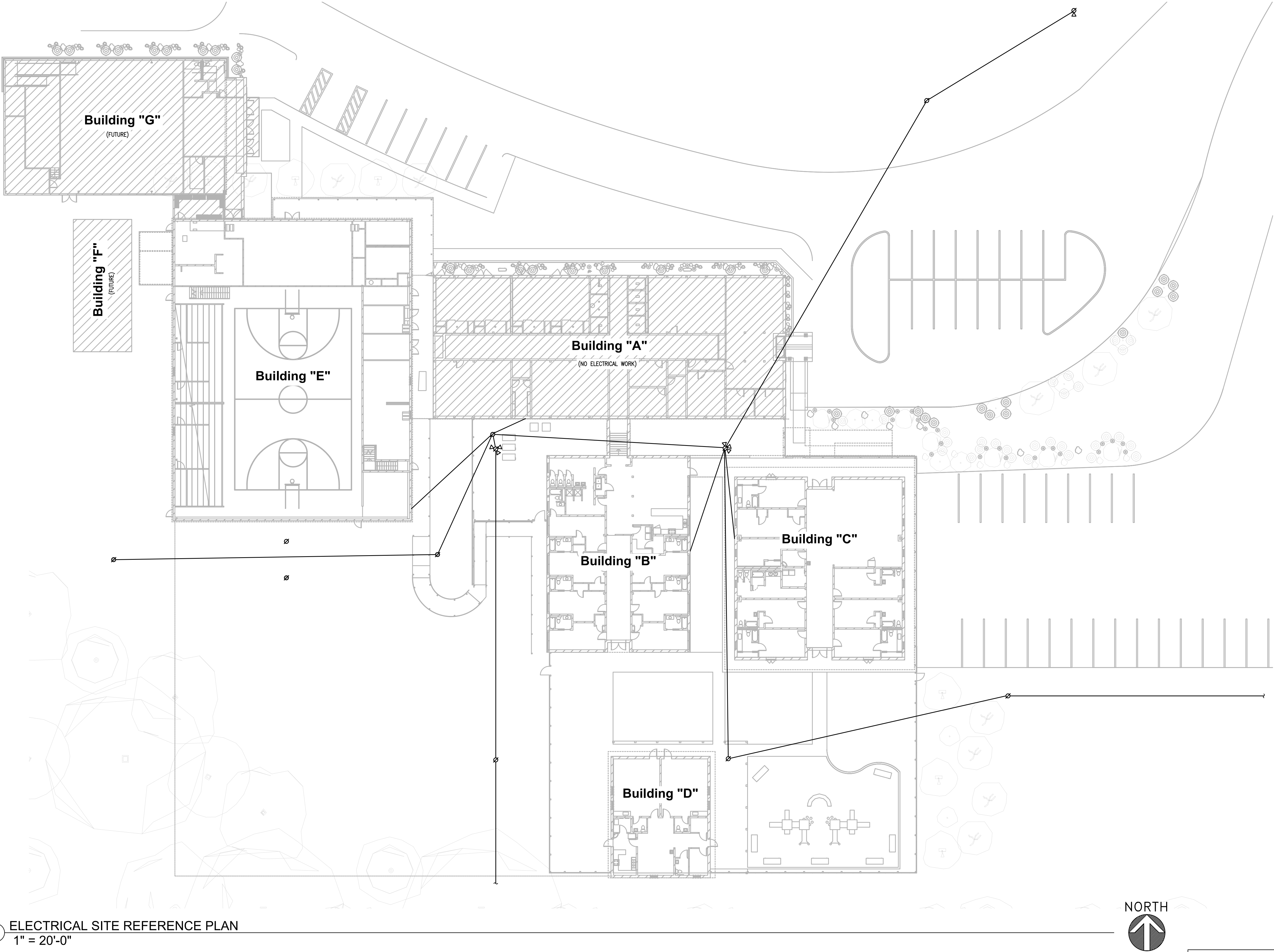
Construction Documents

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M021

DEMOLITION		CONDUIT AND WIRE	
	EXISTING 2X4 LAY-IN FIXTURE TO BE REMOVED		FLEXIBLE CONDUIT, SEALTITE AT WET LOCATIONS
	EXISTING SUSPENDED OR SURFACE MOUNTED LINEAR FIXTURE TO BE REMOVED		CONDUIT CONCEALED IN WALL OR ABOVE CEILING
	EXISTING SURFACE MOUNTED WRAP FIXTURE TO BE REMOVED		CONDUIT BELOW FLOOR OR CONCEALED IN WALL
	EXISTING WALL MOUNTED LINEAR FIXTURE TO BE REMOVED		CONDUIT EXPOSED
	EXISTING WALL MOUNTED CEILING FIXTURE TO BE REMOVED		CIRCUIT CONDUCTORS IN CONDUIT
	EXISTING SURFACE MOUNTED CEILING FIXTURE TO BE REMOVED		MULTIPLE CIRCUIT CONDUCTORS IN CONDUIT WITH NEUTRALS
	EXISTING EMERGENCY/EXIT FIXTURE TO BE REMOVED		GROUND CONDUCTORS IN CONDUIT
	EXISTING COMBO EMERGENCY/EXIT FIXTURE TO BE REMOVED		CONDUIT UP
	EXISTING EMERGENCY/EGRESS FIXTURE TO BE REMOVED		CONDUIT DOWN
	EXISTING SWITCH TO BE REMOVED		CIRCUIT HOMERUN TO PANEL BOARD, XX-XX DENOTES PANEL NAME AND CIRCUIT NUMBER
	EXISTING SURFACE MOUNTED SWITCH TO BE REMOVED		CONTINUATION OF CONDUIT RUN
		LIGHTING	
	EXISTING TIME CLOCK TO REMAIN		2X4 LAY-IN FIXTURE
	EXISTING DUPLEX RECEPTACLE TO BE REMOVED		2X2 LAY-IN FIXTURE
	EXISTING SURFACE MOUNTED DUPLEX RECEPTACLE TO BE REMOVED		SURFACE MOUNT, STRIP FIXTURE
	EXISTING DUPLEX RECEPTACLE TO REMAIN		SURFACE MOUNT, WRAP FIXTURE
	EXISTING JUNCTION BOX TO BE REMOVED		RECESSED CEILING FIXTURE
	EXISTING JUNCTION BOX TO REMAIN		BATTERY BACKUP EMERGENCY/EGRESS FIXTURE
	EXISTING WALL MOUNTED SPEAKER TO BE REMOVED		BATTERY BACKUP EMERGENCY/EXIT FIXTURE
	EXISTING SECURITY CAMERA TO BE REMOVED		WALL MOUNTED FIXTURE
	EXISTING DISCONNECT TO BE REMOVED		WALL MOUNTED FIXTURE
	EXISTING DISCONNECT TO REMAIN		CEILING FAN
	EXISTING ELECTRICAL CONNECTION TO BE REMOVED		SUSPENDED/PENDANT MOUNTED LINEAR FIXTURE
		SWITCHES	
	EXISTING CONDENSING UNIT ELECTRICAL CONNECTION TO BE REMOVED		SINGLE POLE SWITCH - 20A, 120/277V, +48" AFF, UNLESS NOTED
	EXISTING AIR-HANDLING UNIT ELECTRICAL CONNECTION TO BE REMOVED		THREE WAY SWITCH - 20A, 120/277V +48" AFF, UNLESS NOTED
	EXISTING WATER HEATER ELECTRICAL CONNECTION TO BE REMOVED		FOUR WAY SWITCH - 20A, 120/277V +48" AFF, UNLESS NOTED
	EXISTING EXHAUST FAN ELECTRICAL CONNECTION TO BE REMOVED		DIMMER SWITCH +48" AFF, UNLESS NOTED
	EXISTING HEATER ELECTRICAL CONNECTION TO BE REMOVED		MANUAL MOTOR STARTER, MOUNT NEXT TO EQUIPMENT SERVED, UNLESS NOTED
	EXISTING CONDENSING UNIT ELECTRICAL CONNECTION TO REMAIN		2-POLE SWITCH, MOUNT NEXT TO EQUIPMENT SERVED, UNLESS NOTED
	EXISTING AIR-HANDLING UNIT ELECTRICAL CONNECTION TO REMAIN		PHOTO ELECTRIC CONTROL, MOUNT AT BUILDING FACADE, UNLESS NOTED
	EXISTING WATER HEATER ELECTRICAL CONNECTION TO REMAIN		MOTION SENSOR SWITCH, WALL MOUNT 48" AFF
	EXISTING WALL MOUNTED SMOKE DETECTOR TO BE REMOVED		
DEVICES		COMMUNICATIONS	
	SINGLE RECEPTACLE - 20A, 120V		DATA OUTLET +18" AFF, UNLESS NOTED
	DUPLEX RECEPTACLE - 20A, 120V, 1ø		COMBO DATA/TELEPHONE OUTLET +18" AFF, UNLESS NOTED
	DUPLEX RECEPTACLE - 20A, 120V		TELEPHONE/TELEVISION TERMINAL BOARD 3/4" x 48" FIRE RATED PLYWOOD
	SINGLE RECEPTACLE - 30A, 208V, 1ø		
	SINGLE RECEPTACLE - 50A, 208V, 1ø		
	QUADRAPLEX RECEPTACLE - 20A, 120V		
	GFI DUPLEX RECEPTACLE - 20A, 120V		
	GFI, WEATHER RESISTANT DUPLEX RECEPTACLE - 20A, 120V WITH IN-USE WEATHERPROOF COVER		
	SURFACE DUPLEX RECEPTACLE - 20A, 120V		
	DUPLEX RECEPTACLE - 20A, 120V WITH TAMPER-RESISTANT COVER		
MOUNT ALL DEVICES AT +18" AFF, UNLESS NOTED OTHERWISE.			
* - DEVICES MOUNTED ABOVE COUNTER HEIGHTS SHALL BE 6" ABOVE BACKSPASH.			
CLG - DEVICES MOUNTED AT CEILING			
DFA - CORD MOUNTED DEVICES DROPPED FROM ABOVE CEILING			
FL - SWITCHED RECEPTACLE DESIGNATED FOR FLOOR LAMP			
SWITCHGEAR		FIRE ALARM	
	JUNCTION BOX		FIRE ALARM SMOKE DETECTOR
	NON FUSED SAFETY SWITCH NEMA 3R AT WET LOCATIONS		FIRE ALARM THERMAL DETECTOR
	FUSED SAFETY SWITCH NEMA 3R AT WET LOCATIONS		FIRE ALARM SMOKE DETECTOR WITH LOW FREQUENCY SOUNDER BASE
	COMBO MOTOR STARTER/SAFETY SWITCH		FIRE ALARM CARBON MONOXIDE DETECTOR
	EXISTING PANELBOARD TO REMAIN		FIRE ALARM PULL STATION +48" AFF, UNLESS NOTED
	LIGHT AND POWER PANELBOARD		FIRE ALARM HORN/STROBE - WALL +96" AFF TO TOP OF DEVICE, UNLESS NOTED
	DISTRIBUTION PANELBOARD		FIRE ALARM STROBE - WALL +96" AFF TO TOP OF DEVICE, UNLESS NOTED
	TRANSFORMER		FIRE ALARM DUCT SMOKE DETECTOR-SYSTEM
	VARIABLE FREQUENCY DRIVE		FIRE ALARM CABINET
	METER		REMOTE ANNUNCIATOR PANEL
	TIME CLOCK		
	SPECIAL ELECTRICAL CONNECTION	CLG - DEVICES MOUNTED AT CEILING	
	WATER HEATER ELECTRICAL CONNECTION		
	EX. FAN ELECTRICAL CONNECTION		
	AIR-HANDLER UNIT ELECTRICAL CONNECTION		
	CONDENSING UNIT ELECTRICAL CONNECTION		
	RECIRC. PUMP ELECTRICAL CONNECTION		
	HOOD FAN ELECTRICAL CONNECTION		
	DRYER BLOWER ELECTRICAL CONNECTION		
	ROOF-TOP UNIT ELECTRICAL CONNECTION		
	MINI-SPLIT CONDENSING UNIT ELECTRICAL CONNECTION		

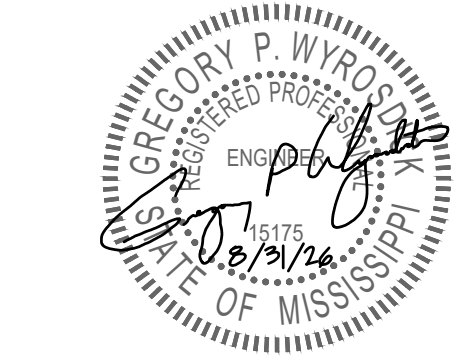
LUMINAIRE SCHEDULE					
MARK	LAMPS	MOUNTING	DESCRIPTION	MANUFACTURER	EQUALS
C1	LED	RECESSED CEILING	LED, 6" RECESSED DOWNLIGHT	JUNO WF6-REG-SWW5-90CRI-MW-M6; WF8643 PAN	OR EQUAL
C2	LED	RECESSED CEILING	LED, 4" RECESSED DOWNLIGHT, W/ SHOWER LENS	JUNO WF4-REG-SWW5-90CRI-MW-M6; WF8643 PAN	OR EQUAL
C3	LED	RECESSED CEILING	LED, 4" RECESSED WALL WASH LIGHT	GOTHAM IV04-WW-15LM-35K-80CRI-MIN10-MVOLT-ZT-LW-AR-LSS-F	OR EQUAL
CF1	LED	SURFACE CEILING	52" SURFACE MOUNTED CEILING FAN, W/ LIGHT KIT	MINKA AIRE F1000-CLDTW	OR EQUAL
EM	LED	WALL, 84" A.F.F.	EMERGENCY/EGRESS FIXTURE	ISOLITE BUG-6W-WH-MB-SD	OR EQUAL
EWP	LED	WALL, ABOVE DOOR	EMERGENCY/EGRESS FIXTURE, EXTERIOR	ISOLITE OWL-EM-BZ-MB	OR EQUAL
F1	LED	RECESSED CEILING	LED, 2x2 LAY-IN FLAT PANEL, SMOOTH ACRYLIC LENS	LITHONIA CPX-2X2-4000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT	OR EQUAL
F1E	LED	RECESSED CEILING	LED, 2x2 LAY-IN FLAT PANEL, SMOOTH ACRYLIC LENS, W/ EMERGENCY	LITHONIA CPX-2X2-4000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT-E10W	OR EQUAL
F2	LED	RECESSED CEILING	LED, 2x4 LAY-IN FLAT PANEL, SMOOTH ACRYLIC LENS	LITHONIA CPX-2X4-6000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT	OR EQUAL
F2E	LED	RECESSED CEILING	LED, 2x4 LAY-IN FLAT PANEL, SMOOTH ACRYLIC LENS, W/ EMERGENCY	LITHONIA CPX-2X4-6000LM-80CRI-35K-SWL-MIN10-ZT-MVOLT-E10W	OR EQUAL
L1	LED	SURFACE CEILING	LED, 4FT SURFACE WRAP, ACRYLIC LENS	LITHONIA BLWP4-48L-ADSM-EZ1-LP835	OR EQUAL
L1E	LED	SURFACE CEILING	LED, 4FT SURFACE WRAP, ACRYLIC LENS, W/ EMERGENCY	LITHONIA BLWP4-48L-ADSM-EZ1-LP835-E10WLP	OR EQUAL
S1	LED	SURFACE/STRUCTURE	LED, 4FT STRIP FIXTURE	LITHONIA ZL1D-L48-SMR-3000LM-FST-MVOLT-35K-80CRI-WH	OR EQUAL
S1E	LED	SURFACE/STRUCTURE	LED, 4FT STRIP FIXTURE, W/ EMERGENCY	LITHONIA ZL1D-L48-SMR-3000LM-FST-MVOLT-35K-80CRI-E7W-WH	OR EQUAL
S2E	LED	WALL, VERIFY	LED, 4FT STAIRWELL FIXTURE, W/ EMERGENCY	BROWNLEE 5020-48-WH-H32-WHA-35K-8BI	OR EQUAL
SL4	LED	SUSPENDED, VERIFY HEIGHT	LED, 4FT SUSPENDED LINEAR DIRECT/INDIRECT FIXTURE	PRUDENTIAL LTG BPRO5-LIN-FLSH-LED35-SO-4FT-TMW-TMW-SAL-SCW-SC-RSC/Z3-DM01	OR EQUAL
SL4E	LED	SUSPENDED, VERIFY HEIGHT	LED, 4FT SUSPENDED LINEAR DIRECT/INDIRECT FIXTURE, W/ EMERGENCY	PRUDENTIAL LTG BPRO5-LIN-FLSH-LED35-SO-4FT-TMW-TMW-SAL-SCW-SC-RSC/Z3-DM01-EMHE	OR EQUAL
V1	LED	WALL, ABOVE MIRROR	LED, 2FT VANITY FIXTURE	BROWNLEE 5038-25-WH-H16-35K	OR EQUAL
W	LED	WALL, VERIFY	LED, EXTERIOR WALL SCONCE, TIGHT TO CANOPY CEILING	LITHONIA WIDGE2 LED-P3-40K-80CRI-VF-MVOLT-SRM-PBBW-DBLXD	OR EQUAL
X1	GREEN LED	WALL/CEILING	EXIT EGRESS - 1 SIDE - WHITE HOUSING	ISOLITE RL-EM-G-U-WH-MTEB-SD	OR EQUAL
X2	GREEN LED	WALL/CEILING	EXIT EGRESS - 2 SIDES - WHITE HOUSING	ISOLITE RL-EM-G-U-WH-MTEB-SD	OR EQUAL
NOTE: LUMINAIRES WITH "E" DESIGNATION SHALL HAVE INTEGRAL EMERGENCY BALLAST. CONNECT EMERGENCY BALLAST ONLY AHEAD OF ANY SWITCHING. NORMAL BALLAST TO BE SWITCHED AS INDICATED, UNLESS NOTED OTHERWISE.					



1 ELECTRICAL SITE REFERENCE PLAN
1" = 20'-0"

Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026



Construction Documents

Revision Rev Date

ELECTRICAL LEGEND & SITE REFERENCE PLAN

E-000

ELECTRICAL GENERAL NOTES AND SPECIFICATIONS

BASIC ELECTRICAL REQUIREMENTS

- ALL ELECTRICAL WORK TO CONFORM TO CURRENT EDITIONS OF THE INTERNATIONAL BUILDING CODES, NATIONAL FIRE PROTECTION CODES, NATIONAL ELECTRICAL CODES, NATIONAL ELECTRICAL SAFETY CODES, AND OTHER APPLICABLE LOCAL, STATE AND FEDERAL LAWS, ORDINANCES, AND REGULATIONS. WHERE DRAWINGS OR SPECIFICATIONS EXCEED CODE REQUIREMENTS, THE DRAWINGS AND SPECIFICATIONS SHALL GOVERN. NO WORK SHALL BE INSTALLED WHICH IS LESS THAN MINIMUM LEGAL STANDARDS.
- ALL WORK PERFORMED UNDER THIS DIVISION SHALL BE INSPECTED AND APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING WORK. NO ADDITIONAL SCOPE WILL BE AUTHORIZED DUE TO LACKING OF UNDERSTANDING ON EXISTING CONDITIONS.
- CONTRACTOR SHALL VERIFY WITH UTILITY COMPANIES FOR SERVICE ENTRANCE REQUIREMENTS TO THE BUILDING/FACILITY. SERVICE ENTRANCES TO BE INSTALLED PER RESPECTIVE UTILITY COMPANY REQUIREMENTS.
- PROVIDE FOR ALL PERMITTING AND INSPECTIONS. INCLUDE PAYMENT OF ALL PERMIT AND INSPECTION FEES APPLICABLE THE WORK IN THIS DIVISION.
- PROVIDE ONE YEAR WARRANTY, RECORD (AS-BUILT) DRAWINGS, AND OPERATION/MAINTENANCE MANUALS ON ALL ELECTRICAL EQUIPMENT AND LIGHTING.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL EXERCISE CARE AND TAKE APPROPRIATE PRECAUTIONARY MEASURES TO PREVENT ANY DAMAGE TO THE EXISTING STRUCTURES, SIDEWALKS, UTILITIES, COMMUNICATIONS, ETC. DURING THE PROJECT. THE CONTRACTOR SHALL CORRECT ALL DAMAGE CAUSED BY OR DURING THE PROJECT. CONTRACTOR SHALL PROVIDE NOT LESS THAN (2) AND NOT MORE THAN (10) WORKING DAYS ADVANCE WRITTEN, ELECTRONIC, OR TELEPHONE NOTICE OF THE COMMENCEMENT, EXTENT, LOCATION AND DURATION OF THE EXCAVATION WORK TO MISSISSIPPI ONE-CALL SYSTEM, INC. (1-800-227-6477) AND ANY NONMEMBERS OPERATOR(S) OF ANY UNDERGROUND UTILITY LINES OR UNDERGROUND FACILITIES IN AND NEAR THE EXCAVATION AREA, SO THAT MISSISSIPPI ONE-CALL SYSTEM, INC. OPERATOR(S) AND ANY NON-MEMBER OPERATOR(S) MAY LOCATE AND MARK THE LOCATION OF UNDERGROUND UTILITY LINES AND UNDERGROUND FACILITIES IN THE EXCAVATION AREA.
- PROVIDE FOR AND INSTALL TEMPORARY LIGHTING AND POWER. COORDINATE WITH OWNER OR UTILITY COMPANY FOR CONNECTIONS. ALL TEMPORARY LIGHTING AND POWER SHALL CONFORM TO OSHA STANDARDS AND ALL CODE REQUIREMENTS.
- WORKERS POSSESSING THE SKILLS AND EXPERIENCE OBTAINED IN PERFORMING WORK OF SIMILAR SCOPE AND COMPLEXITY SHALL PERFORM THE WORK OF THIS DIVISION.
- FOR PURPOSES OF CLEARANCE AND LEGIBILITY, DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND THE SIZE AND LOCATION OF EQUIPMENT IS INDICATED TO SCALE. WHENEVER POSSIBLE, VERY CONDITIONS, DIMENSIONS, INDICATED EQUIPMENT SIZES, AND MANUFACTURER'S DATA AND INFORMATION AS NECESSARY TO INSTALL THE WORK OF THIS DIVISION. COORDINATE LOCATION AND LAYOUT WITH OTHER WORK.
- DRAWINGS INDICATE REQUIRED SIZE AND POINTS OF TERMINATION OF CONDUITS, NUMBER AND SIZE OF CONDUCTORS, AND DIAGRAMMATIC ROUTING OF CONDUIT. INSTALL CONDUITS WITH MINIMUM NUMBER OF BENDS TO CONFORM TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, KEEP OPENINGS AND PASSAGEWAYS CLEAR, AND COMPLY WITH APPLICABLE CODE REQUIREMENTS.
- ELECTRICAL EQUIPMENT AND DEVICE LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL ELEMENTS PRIOR TO START OF CONSTRUCTION. LOCATIONS INDICATED ON THE DRAWINGS MAY BE DISTORTED FOR CLARITY. WHERE INSTALLED AT MILLWORK, DEVICES SHALL BE LOCATED IN KNEE SPACE OR ABOVE COUNTERTOP.
- COORDINATE ELECTRICAL WORK WITH ALL OTHER WORK.
- THE SCOPE OF THE ELECTRICAL WORK INCLUDES FURNISHING, INSTALLING TESTING AND WARRANTY OF ALL ELECTRICAL WORK AND COMPLETE ELECTRICAL SYSTEMS SHOWN ON THE ELECTRICAL DRAWINGS AND SPECIFIED HEREIN.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL SYSTEMS TO PROVIDE A COMPLETE PACKAGE AS INDICATED BY THE CONTRACT DOCUMENTS. THE DOCUMENTS ARE INTENDED TO PROVIDE AN OUTLINE FOR THE REQUIRED INSTALLATIONS. THE CONTRACTOR SHALL ULTIMATELY PROVIDE A COMPLETE AND OPERATIONAL SYSTEM AT THE CONCLUSION OF THE PROJECT.
- DETAILS ARE PROVIDED AS THEY RELATE TO THE INSTALLATION. CONTRACTOR SHALL PROVIDE AND INSTALL ALL MISCELLANEOUS COMPONENTS, PARTS, MATERIALS, FASTENERS, SPLICES, AND ANY OTHER INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETE INSTALLATION.
- ELECTRICAL CONNECTIONS INDICATED ON DRAWINGS SHALL INCLUDE WIRING, INSTALLATION, CONNECTION AND ADJUSTMENT. REQUIRED ELECTRICAL CONNECTIONS SHALL BE PERFORMED FOR SUCH EQUIPMENT AND APPLIANCES. WORK SHALL INCLUDE FURNISHING AND INSTALLING SUITABLE OUTLETS, DISCONNECTING DEVICES, STARTERS, PUSH-BUTTON STATIONS, SELECTOR SWITCHES, CONDUIT, JUNCTION BOXES, AND WIRING NECESSARY FOR A COMPLETE ELECTRICAL INSTALLATION.
- PROTECT MATERIALS AND EQUIPMENT FROM DAMAGE AND PROVIDE ADEQUATE AND PROPER STORAGE FACILITIES DURING PROGRESS OF THE WORK. DAMAGED MATERIALS AND/OR EQUIPMENT SHALL BE REPLACED. REMOVE RUBBISH, DEBRIS AND WASTE MATERIALS AND LEGALLY DISPOSE OF OFF THE PROJECT SITE.
- REMOVE GREASE AND OIL SPOTS WITH SOLVENT. SUCH SURFACES SHALL BE WIPED AND CORNERS AND CRACKS SCRAPED OUT. EXPOSED ROUGH METAL SHALL BE SMOOTH, FREE OF SHARP EDGES, CAREFULLY STEEL BRUSHED TO REMOVE RUST AND OTHER SPOTS, AND LEFT IN PROPER CONDITION TO RECEIVE FINISH PAINTING.
- ADVISE THE GENERAL CONTRACTOR OR ARCHITECT BEFORE STARTING THE WORK OF THIS DIVISION.
- EXPOSED CONDUITS SHALL BE PAINTED TO MATCH THE SURFACES ADJACENT TO INSTALLATION. REFER TO PAINTING AND COATING SECTION OF SPECIFICATIONS.
- VERIFY ALL DIMENSIONS AND CLEARANCES WITH ARCHITECT AND OWNER.
- SEAL ALL WALL PENETRATIONS WITH AN APPROVED CAULK COMPOUND EQUAL TO 3M FIRE BARRIER CAULK.
- COORDINATE PHASING OF WORK WITH ARCHITECTURAL DRAWINGS AND OTHER TRADES / DISCIPLINES FOR ELECTRICAL INSTALLATIONS.
- NOTIFY THE ENGINEER IMMEDIATELY OF ANY PLAN DISCREPANCIES PRIOR TO PROCEEDING WITH ROUGH-IN OR TRIM OUT.
- OWNER HAS FIRST RIGHT OF REFUSAL FOR DEMOLISHED MATERIALS. DEMOLISHED MATERIALS, IF APPLICABLE AND NOT BEING REUSED BY THE OWNER, SHALL BE REMOVED FROM BUILDINGS AND REMOVED FROM THE PROJECT SITE AS REQUIRED BY THE GENERAL CONTRACTOR.

WORK IN EXISTING FACILITIES

- IN REWORKED AND RENOVATED AREAS, REMOVE ALL ELECTRICAL EQUIPMENT, WHERE AFFECTED BY DEMOLITION, INCLUDING BUT NOT LIMITED TO: LIGHT FIXTURES, SWITCHES, RECEPTACLES, AUXILIARY SYSTEM DEVICES, TELEPHONE OUTLETS, LIFE SAFETY DEVICES, AND FIRE ALARM, UNLESS OTHERWISE NOTED. REMOVE EXISTING BRANCH CIRCUITS, CONDUITS, WIRING, JUNCTION BOXES, HANGERS, FITTINGS, ETC. SERVING EQUIPMENT TO BE REMOVED. ABANDON CONDUITS CONCEALED IN CONCRETE, BUT REMOVE CONDUCTORS. LEAVE EXISTING BRANCH CIRCUITS AND FEEDERS WHICH RUN THROUGH REWORKED AREAS AND SERVE EXISTING EQUIPMENT TO REMAIN IN SERVICE, CONTINUOUS AND UNINTERRUPTED. REPAIR, RE-TERMINATE, RE-SUPPORT, ETC., ANY DAMAGED CIRCUITS.
- ABANDON JUNCTION BOXES WHERE DEVICES ARE LOCATED IN BLOCK WALLS. REMOVE ANY PLATES OR EXTENSION RINGS. FILL BOX WITH GROUT AND FINISH OVER TO MATCH ADJACENT WALL. REMOVE ANY WIRING AND CUT OFF FLUSH ANY CONDUITS PROTRUDING FROM WALL.
- WHERE BELOW GRADE CONDUITS ARE ABANDONED, CUT OFF 2-3" BELOW SLAB, GROUT OVER AND FINISH SMOOTH TO MATCH ADJACENT FLOORING, OR FINISH READY TO ACCEPT FLOOR COVERING.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR FOR ALL CUTTING, PATCHING, AND REPAIRING. ELECTRICAL CONTRACTOR SHALL PERFORM ALL CUTTING OR ALLOW GENERAL CONTRACTOR TO PERFORM CUTTING IN A PROFESSIONAL MANNER. FLOORING AND WALLS SHALL BE CUT IN STRAIGHT LINES AND PARALLEL OR PERPENDICULAR TO WALLS. ELECTRICAL CONTRACTOR SHALL COORDINATE AND NOTIFY GENERAL CONTRACTOR OF ALL CUTTING PRIOR TO BID AND SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH CUTTING, PATCHING, AND REPAIRING.
- ELECTRICAL, LOW VOLTAGE, SYSTEMS WIRING, LIFE SAFETY, ETC. IN AREAS OUTSIDE OF WORK AREA SHALL REMAIN IN SERVICE AT ALL TIMES. PROVIDE AND INSTALL NECESSARY TEMPORARY WIRING AS REQUIRED TO MAINTAIN CONTINUITY OF ALL ELECTRICAL SYSTEMS OUTSIDE OF THE WORK AREA.
- WHERE SERVICE INTERRUPTIONS ARE REQUIRED, OBTAIN APPROVAL FOR INTERRUPTION IN WRITING FROM OWNER 10 DAYS PRIOR TO INTERRUPTION. INCLUDE SCHEDULE OF WORK TO BE PERFORMED AND THE TIME REQUIRED TO ACCOMPLISH WORK IN REQUEST FOR INTERRUPTION. WORK DURING SERVICE INTERRUPTIONS MAY BE REQUIRED AFTER NORMAL WORKING HOURS. INCLUDE PREMIUM (OVERTIME) TIME LABOR IN BID. NO SERVICE INTERRUPTIONS SHALL OCCUR UNTIL WRITTEN APPROVAL IS GRANTED FROM THE OWNER.

BASIC ELECTRICAL MATERIALS, BOXES, CONDUIT, WIRING, AND GROUNDING

- BOXES INSTALLED IN CONCEALED WORK SHALL BE GALVANIZED STEEL, PRESSED, OR WELDED TYPE, WITH KNOCKOUTS.
- BOXES SHALL BE 4-INCH OCTAGON, 4-INCH SQUARE, 2-1/8 INCHES DEEP OR LARGER, DEPENDING UPON NUMBER OF CONDUCTORS OR CONDUITS THEREIN, UNLESS NOTED OTHERWISE. PLASTER OR TILE RINGS SHALL BE FURNISHED FOR SUITABLE MOUNTING OF LIGHT FIXTURE. PROVIDE SUITABLE COVERS FOR ALL BOXES.
- FOR FIRE ALARM DEVICES AND HORNS AND STROBES PROVIDE MANUFACTURERS SUPPLIED BACK BOX OR SUITABLE JUNCTION BOX AS NEEDED.
- JUNCTION AND PULL BOXES, IN ADDITION TO THOSE INDICATED, SHALL ONLY BE USED IN COMPLIANCE WITH CODES, REASONED STANDARD DOCUMENTS. PROVIDE NEMA 3R WHERE INSTALLED OUTDOORS OR SUBJECT TO MOISTURE. PROVIDE POLYMER CONCRETE PULL BOXES AS NOTED WHERE INSTALLED AT GRADE LEVEL. PROVIDE SUITABLE COVERS FOR ALL BOXES.
- ALL CONDUIT IN SLAB AND UNDERGROUND TO BE PVC SCH. 40.
- ALL INTERIOR CONDUITS CONCEALED IN WALLS, ABOVE CEILINGS, OR IN EXPOSED STRUCTURE SHALL BE EMT WITH COMPATIBLE STEEL FITTINGS. METAL-CLAD (MC) CABLE MAY BE USED WHERE ALLOWED BY CODES.
- ALL EXPOSED CONDUITS SHALL BE GALVANIZED RIGID TO 10 FEET ABOVE FINISHED FLOOR WHEN INSTALLED IN AREAS SUSCEPTIBLE TO DAMAGE.
- ALL CONDUITS SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. DO NOT INSTALL CONDUITS AT "ANGLED" / "STRAIGHT-RUNS" BETWEEN BOXES.
- FEEDER CONDUITS SHALL BE PVC BELOW GRADE, GRC ELBOWS AND RISERS UP TO PANELS FROM BELOW GRADE, OR EMT WHERE INSTALLED OVERHEAD AND COMPLETELY UNCOVERED, UNLESS NOTED OTHERWISE.
- ALL WIRING SHALL BE COPPER.
- ALL WIRING SHALL BE #12 AWG MINIMUM, THHN/THWN, UNLESS NOTED OTHERWISE.
- ALL WIRING SHALL BE CONDUCTOR TYPE THHN OR THWN INSULATED WITH POLYVINYL CHLORIDE AND COVERED WITH A PROTECTIVE SHEATH OF NYLON, RATED AT 800 VOLTS. WIRES SHALL BE LISTED BY UNDERWRITER'S LABORATORIES (UL) FOR INSTALLATION IN ACCORDANCE WITH ARTICLE 310 OF THE NATIONAL ELECTRICAL CODE (NEC). CONDUCTORS MAY BE SOLID OR STRANDED COPPER FOR 12 AWG AND SMALLER CONDUCTORS, AND STRANDED COPPER FOR 10 AWG AND LARGER CONDUCTORS. CONDUCTORS SHALL BE INSULATED WITH PVC AND SHEATHED WITH NYLON.
- GROUNDING SHALL BE INSTALLED PER NEC SECTION 250.
- METALLIC OBJECTS ON THE PROJECT SITE THAT ENCLOSE ELECTRICAL CONDUCTORS, OR THAT ARE LIKELY TO BE ENERGIZED BY ELECTRICAL CURRENTS, SHALL BE EFFECTIVELY GROUNDING.
- METAL EQUIPMENT PARTS, SUCH AS ENCLOSURES, RACEWAYS, AND EQUIPMENT GROUNDING CONDUCTORS, AND EARTH GROUNDING ELECTRODES SHALL BE SOLIDLY JOINED TOGETHER INTO A CONTINUOUS ELECTRICAL GROUNDING SYSTEM.
- METALLIC SYSTEMS SHALL BE EFFECTIVELY BONDED TO THE MAIN GROUNDING ELECTRODE SYSTEM.
- ELECTRICAL CONTINUITY TO GROUND METAL RACEWAYS AND ENCLOSURES, ISOLATED FROM EQUIPMENT GROUND BY INSTALLATION OF NON-METALLIC CONDUIT OR FITTINGS, SHALL BE PROVIDED BY A GREEN INSULATED GROUNDING CONDUCTOR OF REQUIRED SIZE WITHIN EACH RACEWAY CONNECTED TO ISOLATED METALLIC RACEWAYS, OR ENCLOSURES AT EACH END. EACH FLEXIBLE CONDUIT OVER 6 FEET IN LENGTH SHALL BE PROVIDED WITH A GREEN INSULATED GROUNDING CONDUCTOR OF REQUIRED SIZE.
- COLD WATER, OR OTHER UTILITY PIPING SYSTEMS, SHALL NOT BE UTILIZED AS GROUNDING ELECTRODES DUE TO THE INSTALLATION OF INSULATING COUPLINGS AND NON-METALLIC PIPE IN SUCH INSTALLATIONS.
- NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT, PANELS, EQUIPMENT CABINETS, AND METAL FRAMES OF BUILDINGS SHALL BE PERMANENTLY AND EFFECTIVELY GROUNDING. PROVIDE A NEC SIZED GROUNDING CONDUCTOR IN EVERY RACEWAY.
- NEUTRAL OF SERVICE CONDUCTORS SHALL BE GROUNDING AS FOLLOWS: NEUTRAL SHALL BE GROUNDING AT THE SERVICE PANELBOARD OR SERVICE SWITCH. EQUIPMENT AND CONDUIT GROUNDING CONDUCTORS SHALL BE BONDED TO THAT GROUNDING POINT. FEEDER NEUTRALS SHALL BE BONDED AT SERVICE ENTRANCE POINT ONLY. NEUTRALS OF SEPARATELY DERIVED SYSTEMS SHALL BE BONDED AT THE SOURCE ONLY.
- WITHIN EVERY BUILDING, THE MAIN PANELBOARD, SHALL BE BONDED TO THE COLD WATER LINE. METALLIC PIPING SYSTEMS SUCH AS GAS, FIRE SPRINKLER, OR OTHER SYSTEMS SHALL BE BONDED TO THE COLD WATER LINE.
- GROUNDING ELECTRODES SHALL BE COPPER-CLAD STEEL GROUND RODS, MINIMUM 3/4 INCH DIAMETER BY 10 FEET LONG. INSTALL ADDITIONAL ELECTRODES WHERE GROUND REMAINS HIGHER THAN 25 OHMS. INSTALL GROUNDING ELECTRODES AS NOTED ON DRAWINGS.
- GROUNDING CONDUCTORS SHALL BE COPPER, #12 MINIMUM WITH GREEN INSULATION, UNLESS NOTED OTHERWISE.
- GROUND TAILS SHALL BE COPPER, #12 MINIMUM WITH GREEN INSULATION, INSTALLED IN ALL METALLIC JUNCTION BOXES WHERE DEVICES ARE BEING INSTALLED. BRANCH CIRCUIT GROUND, JUNCTION BOX, AND DEVICES SHALL BE BONDED AT EACH JUNCTION BOX.

WIRING DEVICES

- RECEPTACLES SHALL COMPLY WITH NEMA WD 1, NEMA WD 6, AND UL 498.
- SWITCHES SHALL COMPLY WITH NEMA WD 1 AND UL 20.
- DUPLEX RECEPTACLES SHALL BE HEAVY-DUTY SPECIFICATION GRADE, TAMPER RESISTANT, GROUNDING TYPE. TERMINAL SCREWS SHALL BE BACK AND SIDE WIRED WITH INTERNAL SCREW PRESSURE PLATES. MOUNTING STRAP SHALL HAVE FEATURE HEAVY-DUTY BRASS CONSTRUCTION. RECEPTACLE BACK BODY SHALL BE PVC. RECEPTACLE FACE SHALL BE IMPACT RESISTANT NYLON. RECEPTACLES SHALL HAVE TRIPLE WIRE BRASS POWER CONTACTS.
- PROVIDE SPECIFICATION GRADE, TAMPER RESISTANT, GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) TYPE RECEPTACLES IN ACCORDANCE WITH UL STANDARDS. GFCI RECEPTACLES SHALL HAVE A TRIP INDICATION LIGHT. RECEPTACLE TERMINAL SCREWS SHALL BE BACK AND SIDE WIRE WITH INTERNAL SCREW PRESSURE PLATES. TEST AND RESET BUTTONS SHALL MATCH DEVICE BODY IN COLOR. GFCI RECEPTACLES SHALL BE MANUFACTURED IN STANDARD CONFIGURATION FOR INSTALLATION WITH STAINLESS STEEL SMOOTH PLATES. EXTERIOR MOUNTED RECEPTACLES SHALL BE MOUNTED INSIDE WEATHERPROOF ENCLOSURE.
- FOR EQUIPMENT RECEPTACLES, PROVIDE 2-WIRE OR 3-WIRE, GROUNDING TYPE, RATED 30 OR 50 AMPS AT 125/250 VOLTS, NEMA RATINGS AS NOTED ON DRAWINGS OR AS REQUIRED FOR EQUIPMENT, WITH 2-GANG STAINLESS STEEL PLATES.
- PROVIDE LOCAL SWITCHES, HIGH STRENGTH THERMOPLASTIC TOGGLE, SPECIFICATION GRADE, RATED 20 AMPS AT 120-277 VOLTS AC ONLY, WITH PLASTER EARS, EXTERNAL SCREW PRESSURE PLATE BACK AND SIDE WIRED, AND STANDARD SIZE COMPOSITION CLIPS WHICH FULLY ENCLOSE MECHANISM. SWITCHES SHALL BE APPROVED FOR INSTALLATION AT CURRENTS UP TO FULL RATING ON RESISTIVE, INDUCTIVE, TUNGSTEN FILAMENT LAMP AND FLUORESCENT LAMP LOADS, AND FOR UP TO 80 PERCENT OF RATING FOR MOTOR LOADS. SWITCHES SHALL HAVE OVERSIZED SILVER ALLOY CONTACTS FOR LONG LIFE AND BETTER HEAT DISSIPATION. PROVIDE SWITCHES AS SINGLE POLE, DOUBLE POLE, 3-WAY, 4-WAY, NON-LOCK TYPE.
- PROVIDE DIMMER SWITCHES, SPECIFICATION GRADE, SLIDE TYPE DIMMER TO BE COMPLETELY COMPATIBLE WITH LIGHTING LOAD BEING SERVED. 1000 WATT MINIMUM RATING.
- WHERE NOTED, PROVIDE OCCUPANCY SENSOR SWITCHES (CEILING OR WALL MOUNT). SWITCHES SHALL BE DUAL TECHNOLOGY WITH INPUT VOLTAGE AND LOAD CHARACTERISTICS SUITABLE FOR LOADS BEING SERVED.
- PROVIDE STAINLESS STEEL FACEPLATE ON ALL DEVICES.
- WHERE DEVICES ARE TO BE INSTALLED AT MILLWORK OR ABOVE COUNTERS, COORDINATE WITH ARCHITECT FOR DEVICE HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN. INSTALL OUTLETS TO BE IN KNEE SPACE AREA OR IN AREA THAT WILL BE ACCESSIBLE AFTER MILLWORK IS COMPLETED.

PANELBOARDS AND SAFETY SWITCHES

- PROVIDE ENGRAVED NAMEPLATE LABEL FOR ALL PANELBOARDS, SWITCHES (WHERE NOTED), DISCONNECTS, STARTERS, AND ANY EQUIPMENT NOTED OR REQUIRING NAMEPLATE IDENTIFICATION.
- ALL ELECTRICAL PANELS SHALL BE COPPER BUSSING, PANELBOARDS AND CONSTRUCTED TO NATIONAL ELECTRIC CODE, ARTICLE 408, UL 67, PANELBOARDS; BUS 50, CABINETS AND BOXES, UL 543, GFCI, UL 508, MOULDED CASE CIRCUIT BREAKERS; NEMA PB1; AND FEDERAL SPECIFICATIONS W-P-115C AND WC-375B. LOAD CENTERS NOT ALLOWED UNLESS NOTED OTHERWISE.
- PANELBOARDS SHALL BE WALL-MOUNTED, ENCLOSED SAFETY TYPE WITH 120/208 VOLT, 4-WIRE SOLID NEUTRAL, MAINS AS INDICATED ON DRAWINGS OR SPECIFIED. FIRST PANELBOARD OF EACH BUILDING SHALL BE PROVIDED WITH MAIN OR SUB-FEEDER CIRCUIT BREAKERS WHERE INDICATED. PROVIDE NEMA 3R PANEL ENCLOSURES WHERE INSTALLED OUTDOORS OR WHERE SUBJECT TO MOISTURE OR WHERE NOTED ON DRAWINGS.
- SURGE SUPPRESSORS SHALL BE INSTALLED WHERE INDICATED ON DRAWINGS. PROVIDE TRANSIENT VOLTAGE SURGE SUPPRESSORS AS SEPARATELY INSTALLED OF PANELBOARDS. PANELBOARDS SHALL BE COMPLETE WITH FULLY RATED COPPER NEUTRAL BUS, GROUND BUS AND ISOLATED GROUND BUS. SURGE SUPPRESSORS SHALL BE AS FOLLOWS: SURGE CAPACITY: SERVICE ENTRANCE SPD'S SHALL BE ANSI/UL LISTED TYPE 1 SPD WITH A 160 KA SURGE RATING PER MODE, WITH FIELD REPLACEABLE SURGE MODULES. DISTRIBUTION OR BRANCH PANELS SHALL BE UL LISTED TYPE 1 SPD WITH A 80 KA SURGE RATING PER MODE. SURGE SUPPRESSION UNITS SHALL MEET UL 1449 3RD EDITION SUPPRESSED VOLTAGE RATING. MOV'S SHALL BE THERMALLY PROTECTED FOR LOW CURRENT FAULTS AND SHALL BE FUSED WITH SURGE-RATED FUSES. THE SURGE-RATED SURGE CURRENT PASSES AND CLEARS THE CIRCUIT SAFELY IF THE SURGE CAPACITY IS EXCEEDED. ENHANCED DIAGNOSTICS SHALL CONTINUOUSLY MONITOR THE UNIT'S STATUS AND SHALL INCLUDE LEADS TO SIGNAL A REDUCTION IN SURGE CAPACITY OR THE LOSS OF A SUPPRESSION CIRCUIT. AN AUDIBLE ALARM, WITH TEST AND SILENCE FEATURES, SHALL BE FURNISHED IN DIAGNOSTIC PACKAGE.
- SINGLE POLE BRANCHES SHALL BE MOLDED CASE, THERMAL MAGNETIC CIRCUIT BREAKERS WITH INVERSE TIME DELAY, TRIP FREE, QUICK-MAKE, QUICK-BREAK MECHANISM AND SILVER ALLOY CONTACTS. CIRCUIT BREAKERS SHALL BE FULLY RATED, WITH AMPERE RATING MARKED ON HANDLE AND SHALL INDICATE ON/OFF AND TRIPPED POSITIONS. GROUND FAULT INTERRUPTERS SHALL BE INCORPORATED INTO CIRCUIT BREAKERS WHERE INDICATED. THEY SHALL BE LISTED BY UL, OR OTHER NRTL AS GROUND FAULT DEVICES. PROVIDE APPROPRIATE LUG KIT OF SUFFICIENT SIZE TO ACCOMMODATE THE FEEDERS.
- TWO- AND 3-POLE BRANCHES SHALL BE ENCLOSED, AND SHALL BE THERMAL MAGNETIC CIRCUIT BREAKERS WITH INVERSE TIME DELAY, TRIP FREE, QUICK-MAKE, QUICK-BREAK MECHANISM AND SILVER ALLOY CONTACTS. CIRCUIT BREAKERS SHALL BE FULLY RATED OR AS OTHERWISE INDICATED ON THE DRAWINGS.
- MAN AND SUBFEEDER CIRCUIT BREAKERS SHALL BE ENCLOSED, THERMAL MAGNETIC TYPE WITH INVERSE TIME DELAY, SINGLE HANDLE COMMON TRIP, QUICK-MAKE, QUICK-BREAK MECHANISM, CORROSION-RESISTANT BEARINGS AND SILVER ALLOY CONTACTS. AMPERE FRAME SIZE AND TRIP RATING SHALL BE AS INDICATED ON DRAWINGS. VOLTAGE RATING SHALL BE AS INDICATED ON DRAWINGS. BRANCH MOUNTED MAINS ARE NOT ACCEPTABLE.
- CIRCUIT BREAKERS SHALL BE FULLY RATED AND OF ONE-PIECE, BOLT-ON TYPE AND SHALL MEET SHORT-CIRCUIT INTERRUPTING CAPACITY REQUIREMENTS INDICATED ON DRAWINGS.
- INTERNAL PHASE AND GROUND BUSS SHALL BE COPPER.
- PROVIDE A NEATLY TYPEWRITTEN PANELBOARD SCHEDULE WITH NUMBER OR NAME OF ROOM OR AREA, OR LOAD SERVED BY EACH PANELBOARD CIRCUIT. SCHEDULE SHALL ALSO INDICATE PANEL DESIGNATION, VOLTAGE AND PHASE. BUILDING AND DISTRIBUTION PANEL OR SWITCHBOARD FROM WHICH IT IS FED. SCHEDULE SHALL BE INSTALLED IN A FRAME UNDER TRANSPARENT PLASTIC ON INSIDE OF EACH PANELBOARD DOOR.
- ALL ELECTRICAL DISCONNECTS SHALL BE HEAVY DUTY AND RATED FOR VOLTAGE AND AMPACITY OF EQUIPMENT BEING SERVED, UNLESS NOTED OTHERWISE. PROVIDE FUSES BASED ON EQUIPMENT RATINGS WHERE NOTED. PROVIDE NEUTRAL TYPES/SECTIONS WHERE INDICATED ON DRAWINGS.
- INSTALL ALL ELECTRICAL EQUIPMENT WITH CODE REQUIRED CLEARANCES.

LIGHTING

- LIGHT FIXTURES MODEL NUMBERS WERE DETERMINED AT THE TIME THIS SPECIFICATION WAS WRITTEN; MODEL NUMBERS MAY NEED TO BE MODIFIED, OR MAY REQUIRE THE ADDITION OR DELETION OF OPTIONS TO FULLY MEET SPECIFICATION REQUIREMENTS.
- DESIGN OF LIGHTING FIXTURES, ACCESSORIES, SUPPORTS, AND METHOD OF FIXTURE INSTALLATION SHALL COMPLY WITH REQUIREMENTS OF CEILING TYPE WIRE MOUNTED FIXTURES IS INSTALLED.
- PROVIDE SUSPENSION POINTS AT NO MORE THAN 2 FEET FROM FIXTURE ENDS. SPACING BETWEEN SUPPORTS SHALL NOT EXCEED 8 FEET.
- FOR FIXTURES MOUNTED IN GRID CEILING, PROVIDE FIXTURE SUPPORTS AT ALL (4) CORNERS OF THE FIXTURE INDEPENDENT OF CEILING GRID SYSTEM, OR MANUFACTURER'S APPROVED CEILING SUPPORT SYSTEM.
- PROVIDE ALL NECESSARY COMPONENTS TO INSTALL FIXTURES IN CEILING TYPES BEING INSTALLED. SURFACE MOUNT FIXTURES SHALL BE ATTACHED TO STRUCTURE. TOGGLE BOLTS ARE NOT PERMITTED. PROVIDE BACKING WHERE REQUIRED.
- COMPONENTS AND FIXTURES SHALL BE LISTED AND APPROVED FOR THE INTENDED APPLICATION BY UNDERWRITER'S LABORATORIES (UL), OR OTHER NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL).
- LIGHTING FIXTURES SHALL BE THE TYPE INDICATED ON DRAWINGS AND AS SPECIFIED. FIXTURES OF SAME TYPE SHALL BE OF ONE MANUFACTURER.
- LIGHTINGS SHALL BE OF THE TYPES AND MANUFACTURERS DESCRIBED IN THE LUMINAIRE SCHEDULE OF THE DRAWINGS, WITH LAMPS, WATTAGE AND VOLTAGE AS INDICATED OR APPROVED EQUAL. SUBMIT TO ENGINEER FOR ANY SUBSTITUTION APPROVALS PRIOR TO PURCHASE AND INSTALLATION.
- ALL FIXTURES SHALL BE HIGH EFFICIENCY, HAVE SUITABLE DEVICES TO MATCH LED TYPES, AND BE RATED FOR VOLTAGE BEING SUPPLIED.
- ALL LUMINAIRES SHALL BE LED SOURCE BE AS NOTED ON DRAWINGS OR SCHEDULES.
- WHERE EMERGENCY BATTERY PACKS ARE INSTALLED, PROVIDE CONSTANT HOT FOR EMERGENCY FIXTURES. UNLESS NOTED OTHERWISE, WHEN POWERING UNIT INVERTER POWER PACKS, USE THE SAME CIRCUIT THAT POWERS THE SWITCHED DRIVER TO POWER THE INVERTER.
- WHERE EMERGENCY BATTERY PACK(S) ARE SPECIFIED WITHIN THE FIXTURE, PROVIDE CONSTANT HOT FOR THE BATTERY PACK(S). NON-EMERGENCY DRIVERS WITHIN THE SAME FIXTURE SHALL BE SWITCHED AS INDICATED, UNLESS NOTED OTHERWISE.
- CHECK AND ADJUST FIXTURES FOR REQUIRED ILLUMINATION. REPLACE DEFECTIVE LEADS AND DRIVERS. TEST AND ADJUST LIGHTING CONTROL EQUIPMENT FOR PROPER OPERATION.
- DISPOSE OF ANY AND ALL FIXTURES SHOWN FOR DEMOLITION OR MATERIALS BEING REMOVED FROM THE SITE USING PROPER DISPOSAL TECHNIQUES.
- ALL HAZARDOUS WASTE DISPOSAL SHALL BE HANDLED AND DISPOSED OF BY AN APPROVED, LICENSED CONTRACTOR.

COMMUNICATIONS

- COMMUNICATIONS DEVICES AND SYSTEMS SHALL BE INSTALLED COMPLETE WITH 4" SQUARE DEEP BOX (4-11/16" BOX WHERE REQUIRED FOR LARGER CONDUITS) WITH APPROPRIATE EXTENSION RING. STUB (1) 3/4" MINIMUM CONDUIT FOR DATA/TEL DEVICES TO ABOVE CEILING UNLESS NOTED OTHERWISE. INSTALL LARGER CONDUITS WHERE NOTED ON DRAWINGS.
- IF APPLICABLE, HDMI DEVICES AND SYSTEMS SHALL BE INSTALLED COMPLETE WITH 5" SQUARE DEEP BOX WITH APPROPRIATE EXTENSION RING. STUB (1) 1-1/4" CONDUIT FOR HDMI DEVICES TO ABOVE CEILING UNLESS NOTED OTHERWISE.
- ALL COMMUNICATIONS CONDUITS AT COMMUNICATIONS DEVICES LOCATIONS AND COMMUNICATIONS CONDUITS FOR FIBER OPTIC OR OTHER FEEDER CABLES AND FUTURE TELECOM SERVICE FEEDER CONDUITS SHALL BE TERMINATED WITH PLASTIC BUSHING ON ENDS OF CONDUITS.
- PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
- HORIZONTAL CABLING SYSTEM SHALL COMPLY WITH TRANSMISSION STANDARDS IN TIA/EIA-568-B.1, WHEN TESTED ACCORDING TO TEST PROCEDURES OF THIS STANDARD. ALL COMM WIRING SHALL BE CAT-6. DEVICE FACEPLATES SHALL BE 4-PORIT WITH (2) RJ-45 JACKS ACTIVE AND (2) BLANKED. COVERS/PLATES SHALL BE STAINLESS STEEL. ALL DEVICES SHALL BE LABELED, LABELING SCHEME TO BE COORDINATED WITH THE OWNER.
- FIBER OPTIC CABLING SHALL BE SINGLE-MODE RISER RATED, SERVICE RATED, FOR USE BELOW GRADE. SEE DETAILS AND NOTES ON DRAWINGS.
- PATCH PANELS SHALL BE 24-PORT OR 48-PORT. INSTALL PATCH PANELS IN RACKS WITH CABLES LABELED, TERMINATED, AND TESTED.
- INSTALL CONDUITS BETWEEN BUILDINGS BELOW GRADE (OR ABOVE GRADE WHERE BUILDINGS ARE JOINED) FROM TELECOM BACKBOARD TO TELECOM BACKBOARD AT EACH BUILDING. STUB UP OR INSTALL AT BACKBOARD, UNLESS NOTED OTHERWISE ON PROJECT DETAILS.
- TELECOM BACKBOARDS SHALL BE 48"x96"x3/4" FIRE RATED PLYWOOD, PAINTED WITH WHITE FIRE RETARDANT PAINT, FASTEN TO WALL AT ALL (4) CORNERS. PROVIDE AND INSTALL ALL GROUND BUSS WITH #4 COPPER MINIMUM EXTENDED TO THE GROUNDING AT THE ELECTRICAL SERVICE ENTRANCE, UNLESS NOTED OTHERWISE.
- RACK SHALL BE WALL MOUNTED, SWING OUT STYLE RACK. 19" STANDARD MOUNTING WIDTH. GROUND RACK WITH #6 COPPER MINIMUM TO TELECOM BACKBOARD GROUND BAR. RACK HEIGHT SHALL BE SIZED TO ACCOMMODATE ALL PATCH PANELS, TERMINATIONS, UPS/POWER SUPPLIES, AND SWITCHES. SWITCHES AND UPS PROVIDE BY OTHERS.

FIRE ALARM SYSTEMS

- FIRE ALARM SYSTEM SHALL CONSIST OF ONE FIRE ALARM CONTROL PANEL OR NETWORKED NODES, OF THE SAME MAKE AND LISTED FOR THE APPLICATION AS INDICATED IN DRAWINGS. SYSTEM SHALL BE FULLY ADDRESSABLE UNLESS NOTED OTHERWISE. COMPLETE WITH BATTERY BACKUP AND BATTERY CHARGER AS REQUIRED FOR COMPONENTS BEING INSTALLED.
- FOR EXISTING SYSTEMS, PROVIDE AND INSTALL ALL COMPONENTS NECESSARY FOR ADDITIONS AND/OR EXPANSION TO THE SYSTEMS.
- QUALITY ASSURANCE: INSTALLER SHALL BE A FACTORY AUTHORIZED DISTRIBUTOR AND SERVICE PROVIDER FOR THE BRAND OF EQUIPMENT OFFERED AND SHALL PROVIDE DOCUMENTATION TO THE ARCHITECT UPON REQUEST. IN ADDITION, THE FIRE ALARM CONTRACTOR SHALL BE LICENSED WITH THE STATE AND IN THE LOCAL JURISDICTION OF THE PROJECT LOCATION.
 - INSTALLER SHALL HAVE SUCCESSFULLY COMPLETED AT LEAST 5 PROJECTS OF EQUAL SCOPE IN THE PAST 5 YEARS, AND HAVE BEEN IN BUSINESS OF FURNISHING AND INSTALLING FIRE ALARM SYSTEMS OF THIS TYPE FOR AT LEAST 5 YEARS.
 - INSTALLER SHALL MAINTAIN A FULLY EQUIPPED SERVICE ORGANIZATION CAPABLE OF FURNISHING REPAIR SERVICE TO THE EQUIPMENT AND SHALL MAINTAIN A SPARE SET OF MAJOR PARTS FOR THE SYSTEM AT ALL TIMES.
 - ALL MATERIALS AND EQUIPMENT INSTALLED SHALL BE NEW AND IN ACCORDANCE WITH UL REQUIREMENTS.
 - D. ALL OF THE EQUIPMENT IN THIS SPECIFICATION SHALL BE FURNISHED AND INSTALLED BY THE AUTHORIZED FACTORY DISTRIBUTOR OF THE EQUIPMENT.
 - E. CONTRACTOR/INSTALLER'S ELECTRICIANS AND FIRE/LIFE SAFETY TECHNICIANS SHALL BE CERTIFIED IN ACCORDANCE WITH APPLICABLE CODES LOCAL ORDINANCES.
 - F. SYSTEM STARTUP AND TESTING SHALL BE PERFORMED UNDER THE DIRECT OBSERVATION OF THE ARCHITECT'S AUTHORIZED REPRESENTATIVE.
- PROVIDE AND INSTALL OR UPGRADE THE MOST CURRENT SOFTWARE PACKAGE AVAILABLE AT THE TIME OF INSTALLATION.
- WARRANTY: THE FIRE ALARM EQUIPMENT MANUFACTURER SHALL PROVIDE A 3 YEAR MATERIAL WARRANTY. INSTALLER SHALL PROVIDE A 1 YEAR LABOR WARRANTY.
- PROVIDE ALL LABOR, EQUIPMENT, MATERIALS, CONNECTIONS, TESTING, AND PERFORMANCE OF OPERATIONS IN THE INSTALLATION OF FIRE ALARM SYSTEM AS INDICATED ON DRAWINGS OR AS NOTED.
- FIRE DETECTION SYSTEM SHALL CONTINUALLY SUPERVISE AND MONITOR INITIATING, SIGNALING, AND MONITORING CIRCUITS FROM DEVICES NOTED ON DRAWINGS.
- SYSTEM CONTROLS SHALL BE UL LISTED FOR POWER LIMITED APPLICATIONS IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE.
- THE FIRE ALARM DEVICES AND EQUIPMENT SHALL BE LISTED FOR INSTALLATION FOR THE FIRE ALARM CONTROL PANEL TO WHICH THEY ARE BEING CONNECTED.
- COMPLETE INSTALLATION SHALL CONFORM TO THE CURRENT VERSION OF NFPA 72, LOCAL FIRE CODES AND BUILDING CODE, AND NATIONAL ELECTRICAL CODE (NEC).
- SYSTEM LABELS AND DEVICES PROGRAMMING ADDRESSES SHALL BE BASED ON FINAL SIGNAGE AND BUILDING LABELING SUBMITTALS. FOR EXISTING FACILITIES CONTRACTOR SHALL OBTAIN FROM OWNER AUTHORIZED REPRESENTATIVE A COPY OF THE CURRENT SITE LAYOUT AND BUILDING LABELING DESIGNATIONS.
- SUBMIT SHOP DRAWINGS SHOWING DETAILS OF ALL INSTALLATIONS INCLUDING BUT NOT LIMITED TO: LEGEND OF ALL COMPONENTS, DEVICES(S) LAYOUT, EQUIPMENT AND CONTROL COMPONENTS LAYOUT, INSTALLATION DETAILS, WIRING, WIRING TYPES, SEQUENCE OF OPERATION, AND BATTERY CALCULATIONS.
- INSTALLATION OF FIRE ALARM SYSTEM SHALL NOT BEGIN UNTIL SHOP DRAWINGS ARE SUBMITTED AND REVIEWED BY THE ARCHITECT AND ENGINEER. WRITTEN CERTIFICATION BY FIRE ALARM EQUIPMENT DISTRIBUTOR OR MANUFACTURER SHALL BE SUBMITTED TO THE ARCHITECT STATING THAT SYSTEM AND ITS COMPONENT PARTS ARE AS APPROVED AND LISTED BY THE AUTHORITY HAVING JURISDICTION, AND THAT THE DESIGN CONFORMS TO REQUIREMENTS SET FORTH BY THE CONSTRUCTION DOCUMENTS.
- SYSTEM SHALL BE FULLY PROGRAMMABLE, CONFIGURABLE, AND EXPANDABLE IN THE FIELD WITHOUT SPECIAL TOOLS OR FROM PROGRAMMERS AND SHALL NOT REQUIRE REPLACEMENT OF MEMORY COMPONENTS. INSTALLER SHALL PROVIDE A THUMB DRIVE OF ALL SYSTEM INSTALLED SOFTWARE, SITE SPECIFIC SYSTEM PROGRAMMING AND ALL INFORMATION AND TOOLS REQUIRED TO RE-PROGRAM OR MODIFY THE SYSTEM.
- WHEN A FIRE ALARM CONDITION IS DETECTED BY ONE OF THE SYSTEM ALARM INITIATING DEVICES, THE FOLLOWING FUNCTIONS SHALL OCCUR:
 - A. SYSTEM ALARM LED SHALL FLASH.
 - B. LOCAL SOUNDING DEVICE IN PANEL SHALL BE ACTIVATED.
 - C. THE LCD DISPLAY SHALL INDICATE TYPE OF DEVICE, CUSTOM LABEL LOCATION LABEL AND POINT STATUS ALARM CONDITION.
 - D. APPROPRIATE CHANGE OF STATUS MESSAGE SHALL BE TRANSMITTED TO REMOTE ANNUNCIATOR(S).
 - E. AUTOMATIC PROGRAMS ASSIGNED TO ALARM POINT SHALL BE EXECUTED AND ASSOCIATED INDICATING DEVICES AND RELAYS ACTIVATED.
- IN RESPONSE TO A FIRE ALARM CONDITION, THE SYSTEM WILL PROCESS ALL CONTROL, PROGRAMMING AND ACTIVATE ALL SYSTEM OUTPUTS (ALARM NOTIFICATION APPLIANCES AND/OR RELAYS) ASSOCIATED WITH THE POINT(S) IN ALARM. ADDITIONALLY, THE SYSTEM SHALL SEND EVENTS TO A CENTRAL ALARM SUPERVISING STATION VIA EITHER DIAL-UP OVER PUBLIC SWITCHED TELEPHONE NETWORK (PSTN) OR INTERNET VIA PUBLIC SWITCHED DATA NETWORK (PSDN) OR VIRTUAL PRIVATE NETWORK.
- WHEN ANY TROUBLE CONDITION IS DETECTED THE FOLLOWING FUNCTIONS SHALL OCCUR:
 - A. SYSTEM TROUBLE LED SHALL FLASH.
 - B. LOCAL SOUNDING DEVICE IN PANEL SHALL BE ACTIVATED.
 - C. THE LCD DISPLAY SHALL INDICATE THE TYPE OF TROUBLE AND CUSTOM LABEL LOCATION ASSOCIATED WITH THE TROUBLE CONDITION AND ITS LOCATION. UNACKNOWLEDGED ALARM MESSAGES SHALL HAVE PRIORITY OVER TROUBLE MESSAGES. IF SUCH AN ALARM IS DISPLAYED, THEN TROUBLE MESSAGES SHALL NOT BE DISPLAYED.
 - D. APPROPRIATE MESSAGE SHALL BE TRANSMITTED TO REMOTE ANNUNCIATORS.
- WHEN ANY SUPERVISORY CONDITION OCCURS SUCH AS A SPRINKLER VALVE TAMPER, THE FOLLOWING FUNCTION SHALL OCCUR:
 - A. SYSTEM SUPERVISORY LED SHALL FLASH.
 - B. LOCAL SOUNDING DEVICE IN PANEL SHALL BE ACTIVATED.
 - C. APPROPRIATE MESSAGE SHALL BE TRANSMITTED TO REMOTE ANNUNCIATORS.
- FIRE ALARM VENDOR SHALL PROVIDE CELLULAR COMMUNICATOR OR HARD WIRED PHONE CONNECTION FOR FIRE ALARM PANEL. VERIFY COMMUNICATIONS OPTIONS WITH OWNER.
- FIRE ALARM PANEL SHALL BE CAPABLE OF CELLULAR COMMUNICATIONS WITH FIRE ALARM MONITORING COMPANY.
- FIRE ALARM VENDOR SHALL INCLUDE ONE YEAR MONITORING SERVICE CONTRACT IN THEIR PRICING, DOCUMENTATION AND CONTRACT WILL BE COORDINATED WITH OWNER AT PROJECT CLOSE-OUT.
- FIRE ALARM WIRING SHALL BE PLENUM RATED. OPEN AIR INSTALLATION IS ALLOWED ABOVE LAY-IN CEILING, USING WIRE MANAGEMENT TECHNIQUES. IN EXPOSED AREAS, WIRING SHALL BE COMPLETELY INSTALLED IN CONDUIT. PAINT ALL COVERS FOR JUNCTION BOXES FOR FIRE ALARM CONDUITS RED.
- TEST ALL COMPONENTS TO ENSURE PROPER OPERATION. PROVIDE ALL TESTING AND TEST DATA AS REQUIRED BY APPLICABLE CODES AND TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.

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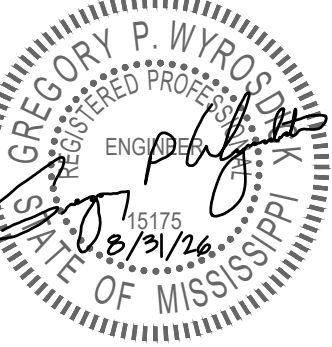
Project No 20241215001

Date

6/5/2026

5257 Leamed Rd., Leamed, MS 39154

Existing Remodel



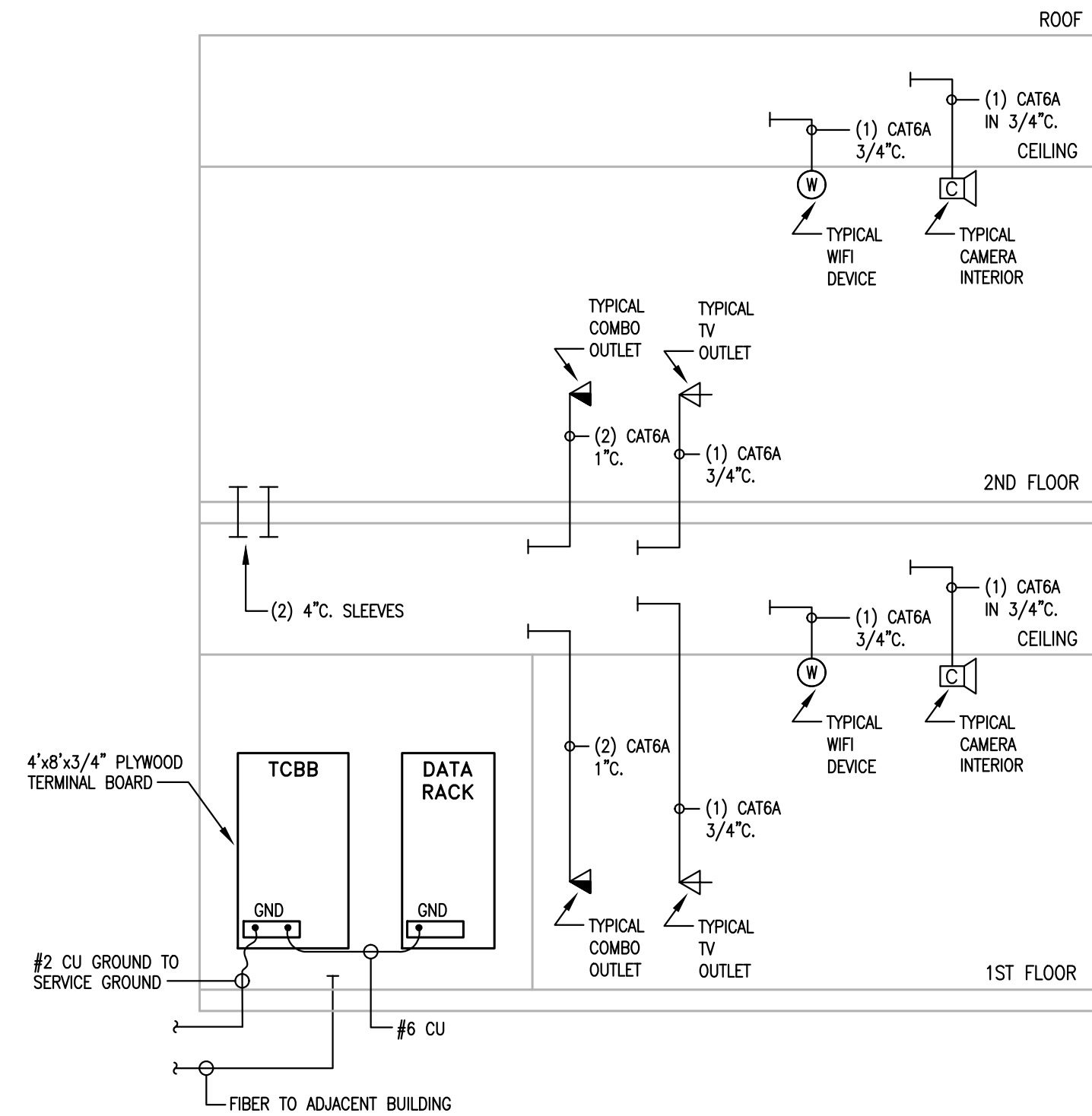
Construction Documents

Revision	Rev Date

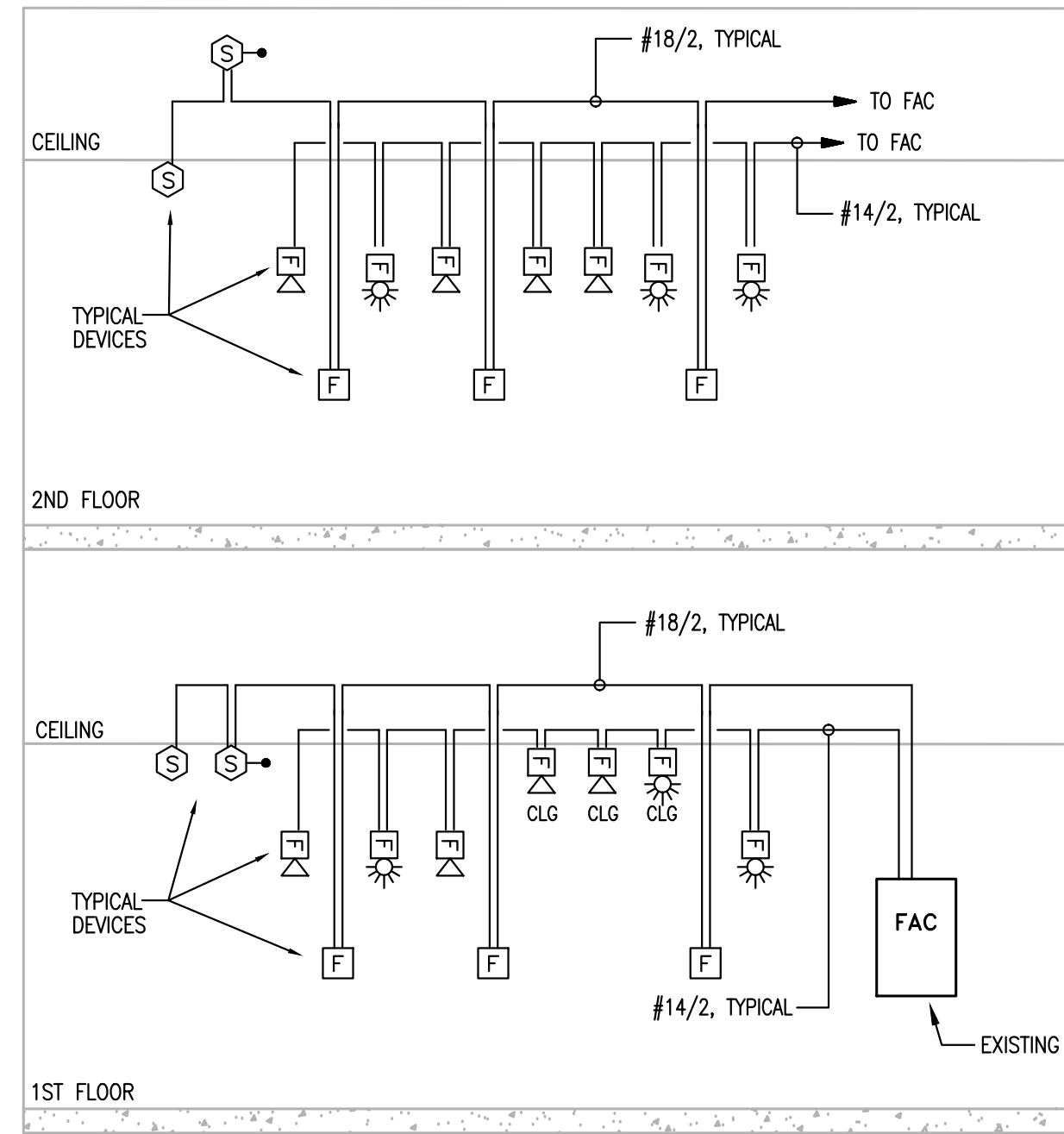
ELECTRICAL SPECIFICATIONS

E-001

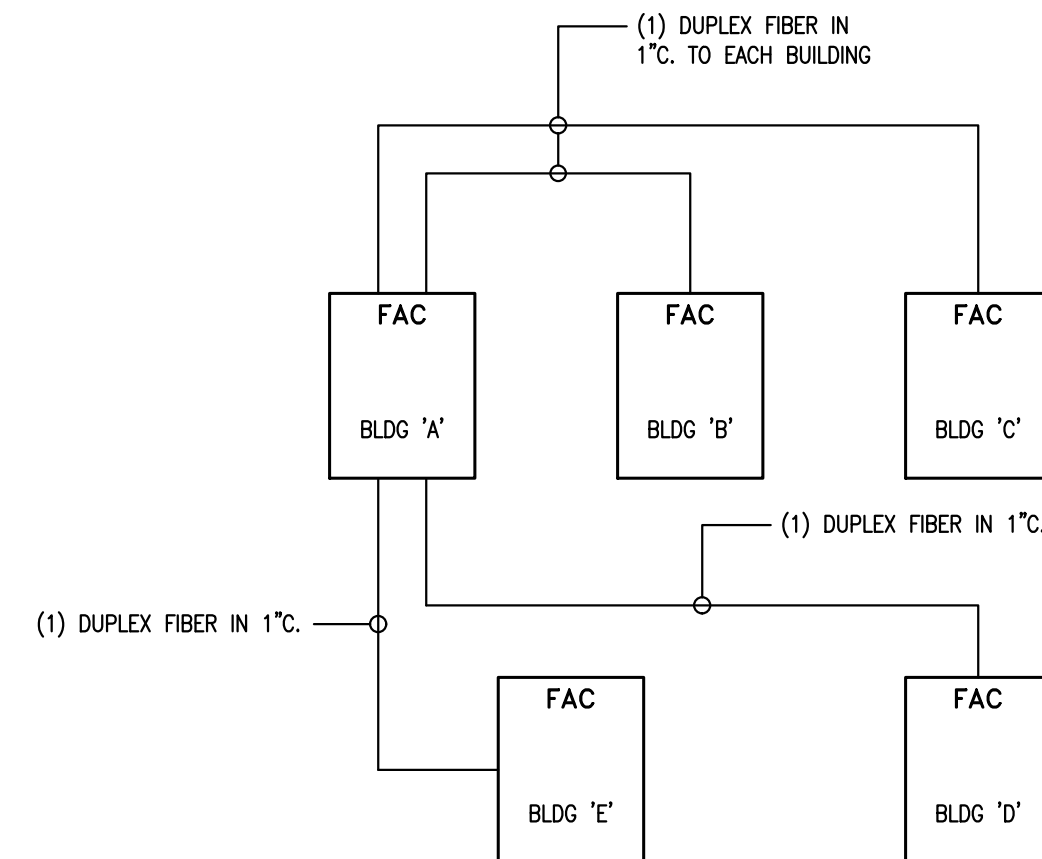




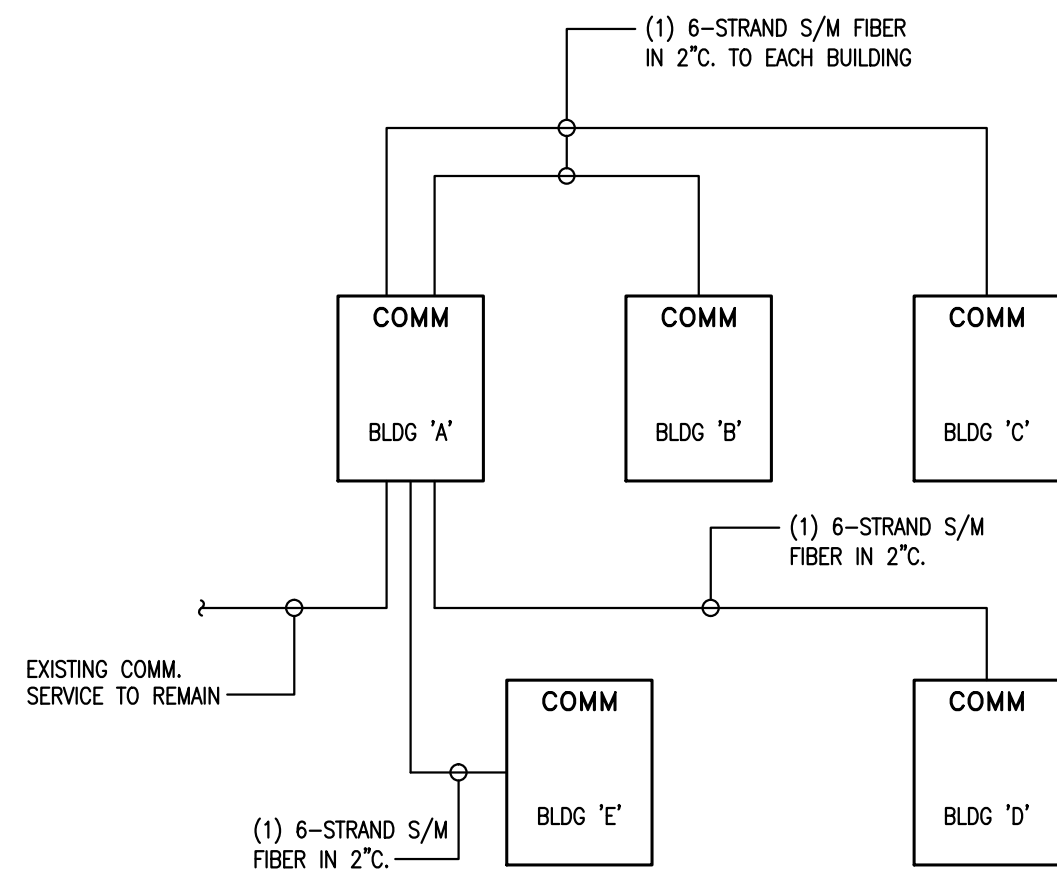
1 TYPICAL TELECOM WIRING DETAIL (EACH BUILDING)
NOT TO SCALE



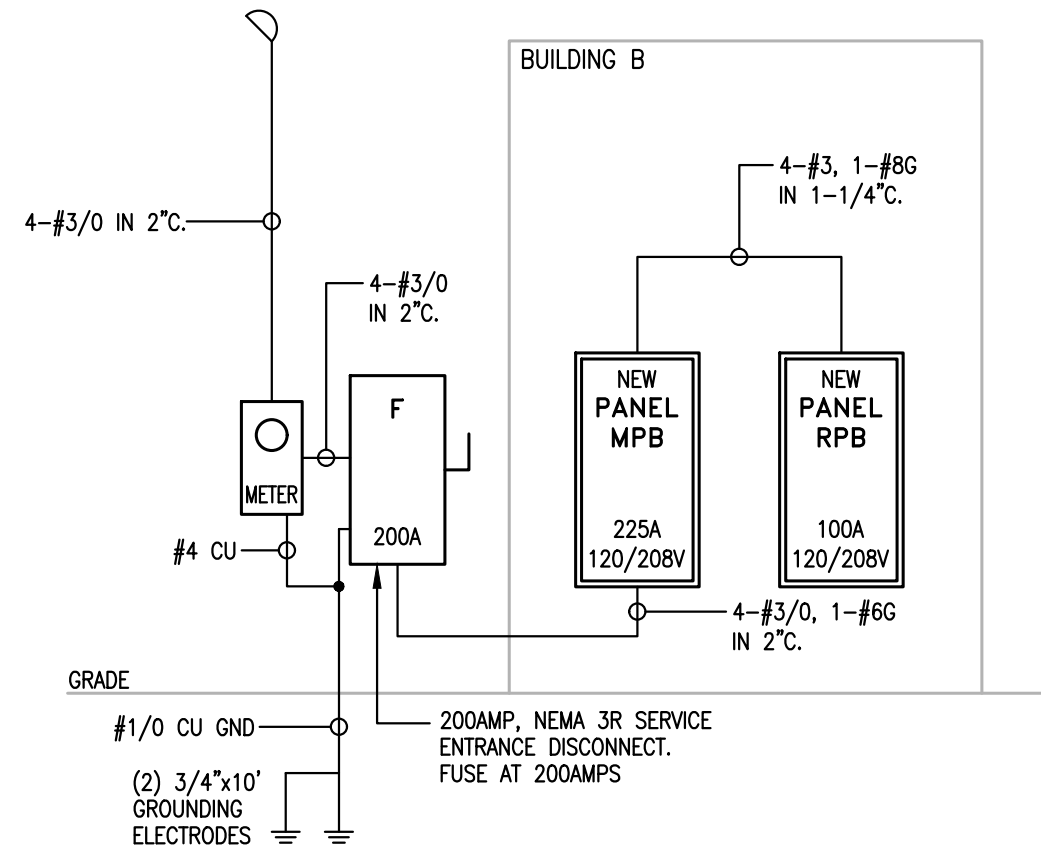
2 TYPICAL FIRE ALARM RISER DETAIL (EACH BUILDING)
NOT TO SCALE



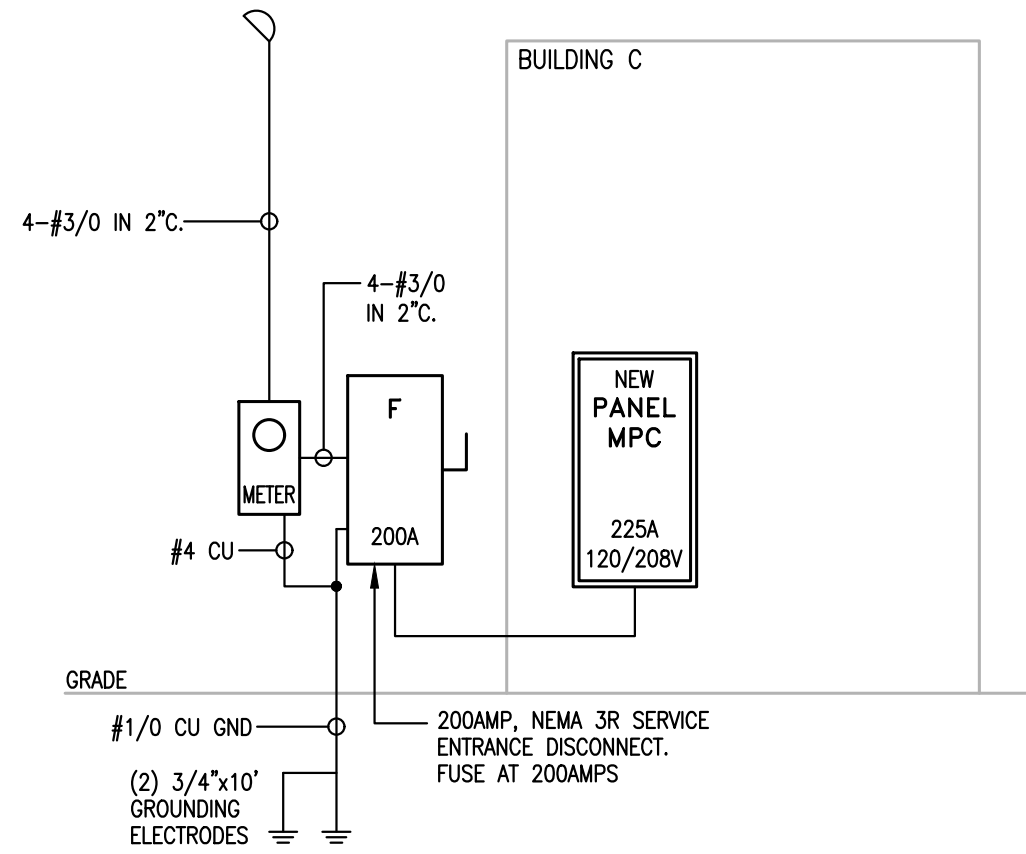
3 FIRE ALARM NETWORK DETAIL
NOT TO SCALE



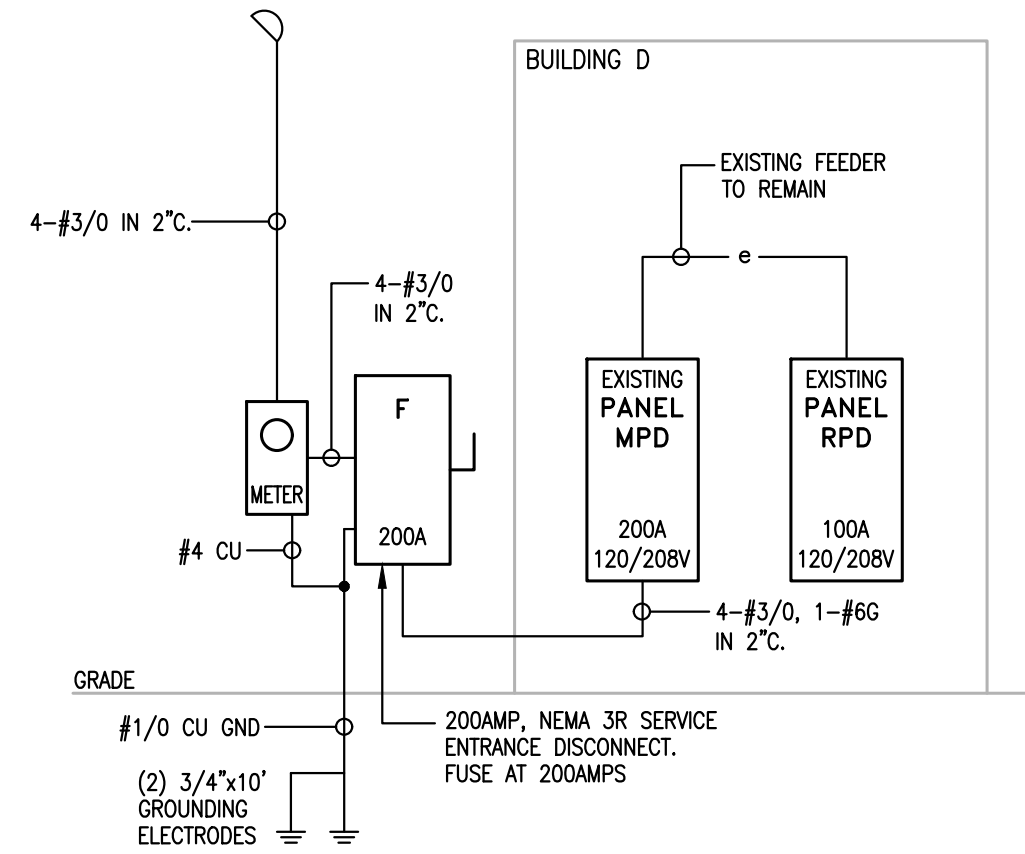
4 COMM RISER DETAIL
NOT TO SCALE



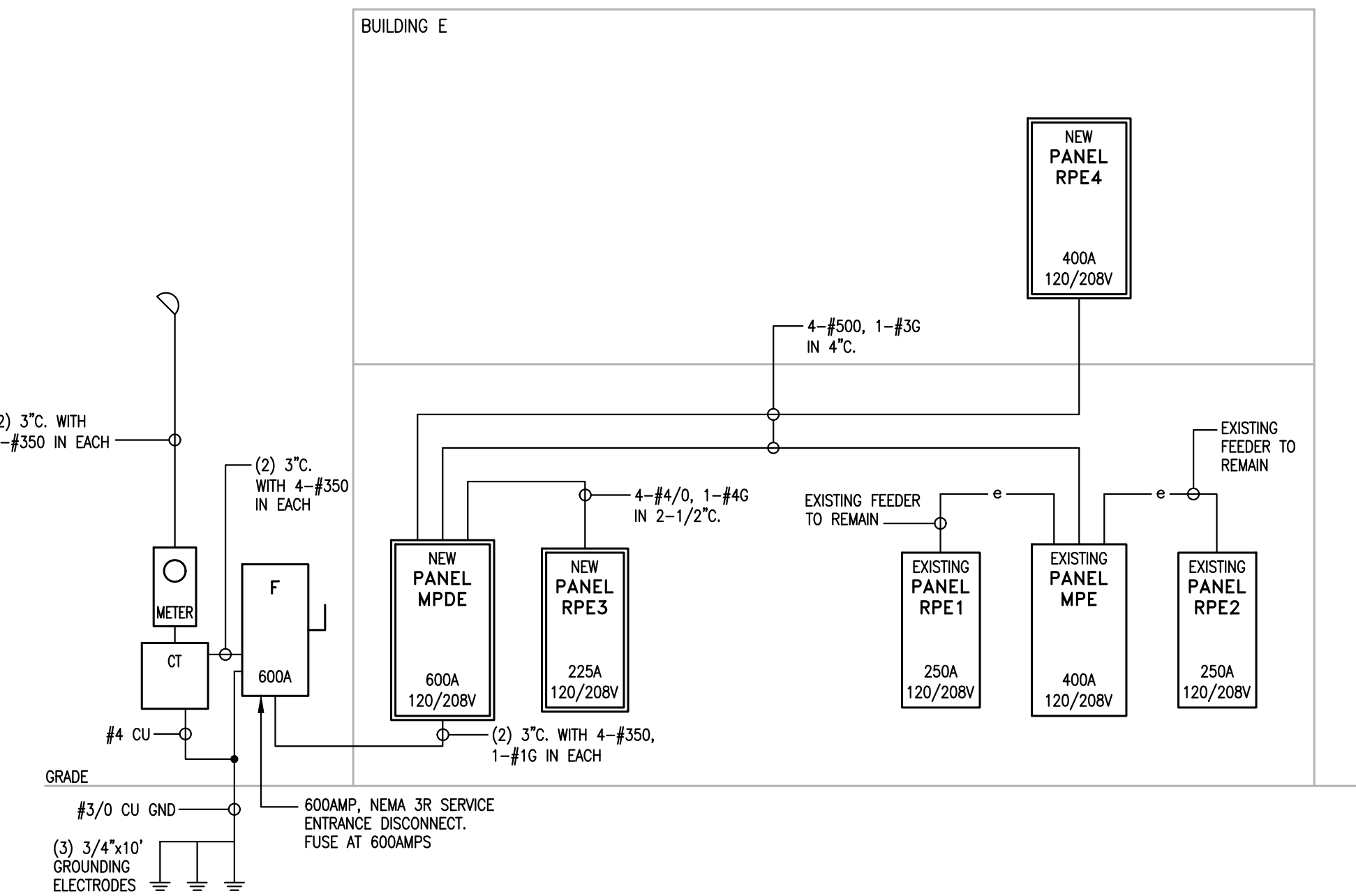
5 POWER RISER DETAIL (BUILDING B)
NOT TO SCALE



6 POWER RISER DETAIL (BUILDING C)
NOT TO SCALE



7 POWER RISER DETAIL (BUILDING D)
NOT TO SCALE



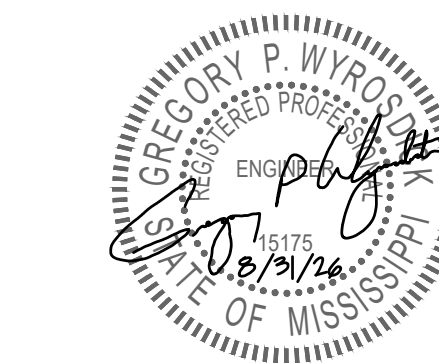
8 POWER RISER DETAIL (BUILDING E)
NOT TO SCALE

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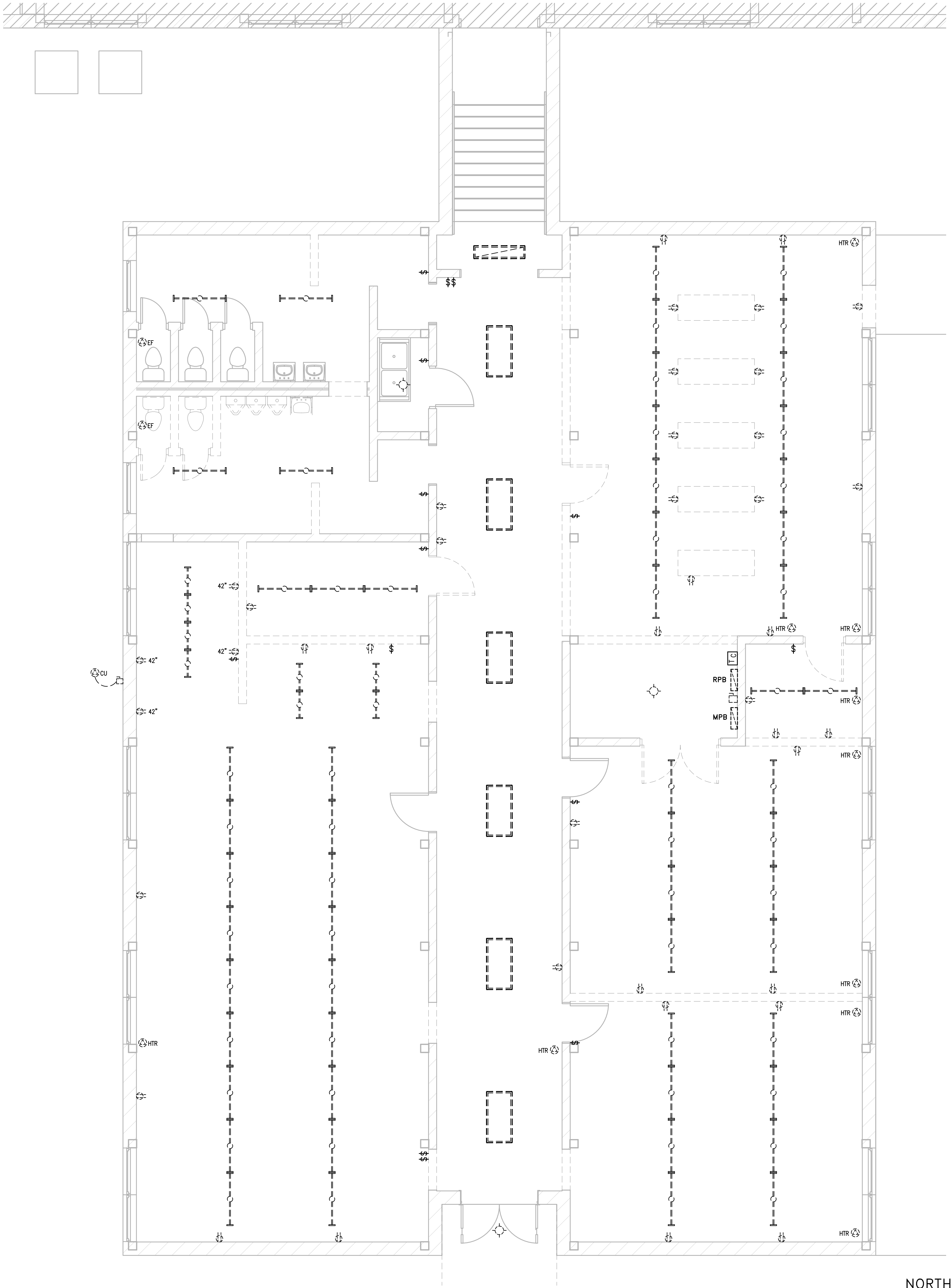
Revision	Rev Date

ELECTRICAL DETAILS

E-002

GENERAL ELECTRICAL DEMOLITION NOTES:

1. EVERY ATTEMPT HAS BEEN MADE TO REPRESENT ALL EXISTING ELECTRICAL CONDITIONS.
2. CONTRACTOR SHALL REMOVE AND DISCARD ELECTRICAL EQUIPMENT AS NOTED, INCLUDING BUT NOT LIMITED TO LUMINAIRES, LAMPS, DEVICES, SWITCHES, CONDUIT, WIRING, EQUIPMENT, AND LOW VOLTAGE SYSTEMS THAT ARE NOT BEING REUSED BY THE OWNER.
3. CONTRACTOR SHALL REMOVE AND DISCARD ALL EXISTING ELECTRICAL CIRCUITS AND WIRING ASSOCIATED WITH EACH.
4. MAINTAIN CIRCUIT CONTINUITY TO ADJACENT AREAS THAT ARE AFFECTED BY DEMOLITION. CONTRACTOR TO ENSURE AREAS OUTSIDE OF WORK LIMITS HAVE ANY CIRCUITS REPAIRED OR REPLACED AFTER DEMOLITION IS COMPLETE.
5. CONDUITS WHICH STUB UP THROUGH EXISTING SLAB SHALL BE CUT OFF EVEN WITH SLAB. CUT SHALL BE FLUSH TO ALLOW FOR ANY NEW FLOORING TO BE INSTALLED.
6. ALL EXISTING TELEPHONE, DATA, AND ACCESS CONTROL SYSTEMS, WIRING, AND COMPONENTS SHALL BE REMOVED BY CONTRACTOR, VERIFY PRIOR TO DEMOLITION. CONTRACTOR SHALL REMOVE ALL CONDUITS AND BOXES ASSOCIATED WITH THESE SYSTEMS.
7. DEMOLITION OF EXISTING BUILDING SHALL BE COORDINATED WITH OWNER AND PHASES OF CONSTRUCTION.
8. EXISTING FLUSH MOUNTED BOXES NOT BEING REUSED SHALL BE COVERED WITH FINISHED, FLUSH, STAINLESS STEEL COVER PLATES.
9. ALL SALVAGEABLE ITEMS SHOWN FOR DEMOLITION SHALL BE TURNED OVER TO THE OWNER. OTHER ELECTRICAL COMPONENTS SHALL BE REMOVED AND DISCARDED BY THE CONTRACTOR.



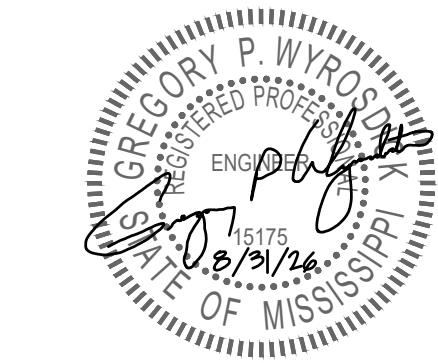
1 ELECTRICAL DEMOLITION PLAN - BUILDING B
1/4" = 1'-0"



Mercy House Womens Campus

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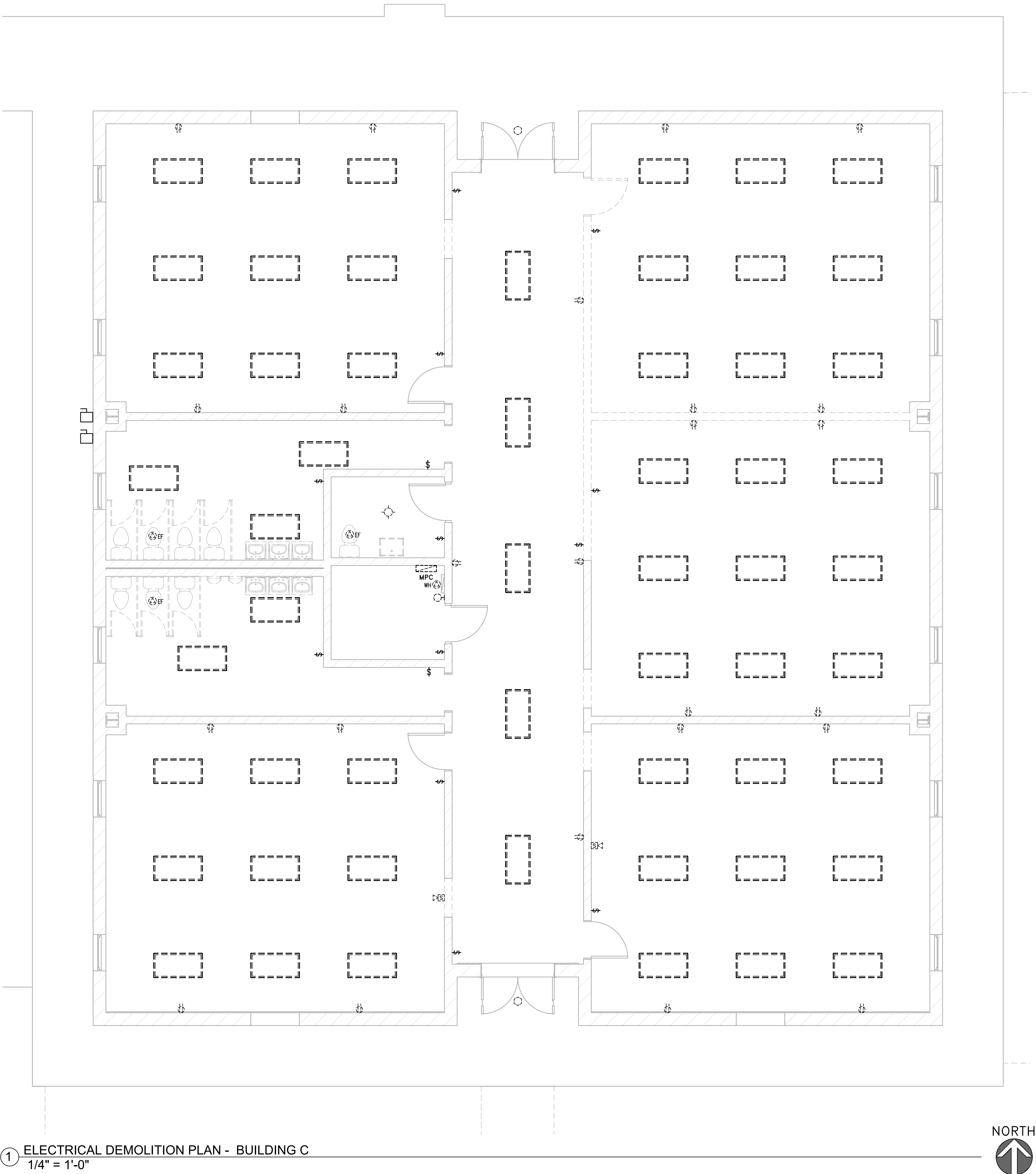
5257 Learned Rd., Leamed, MS 39154
Existing Remodel



Construction Documents	
Revision	Rev Date
ELECTRICAL DEMOLITION PLAN WEST BUILDING "B"	



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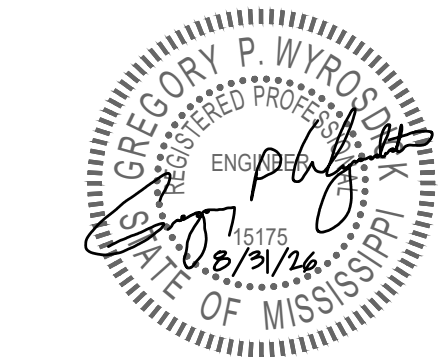
① ELECTRICAL DEMOLITION PLAN - BUILDING C
1/4" = 1'-0"



Mercy House Womens Campus

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Existing Remodel



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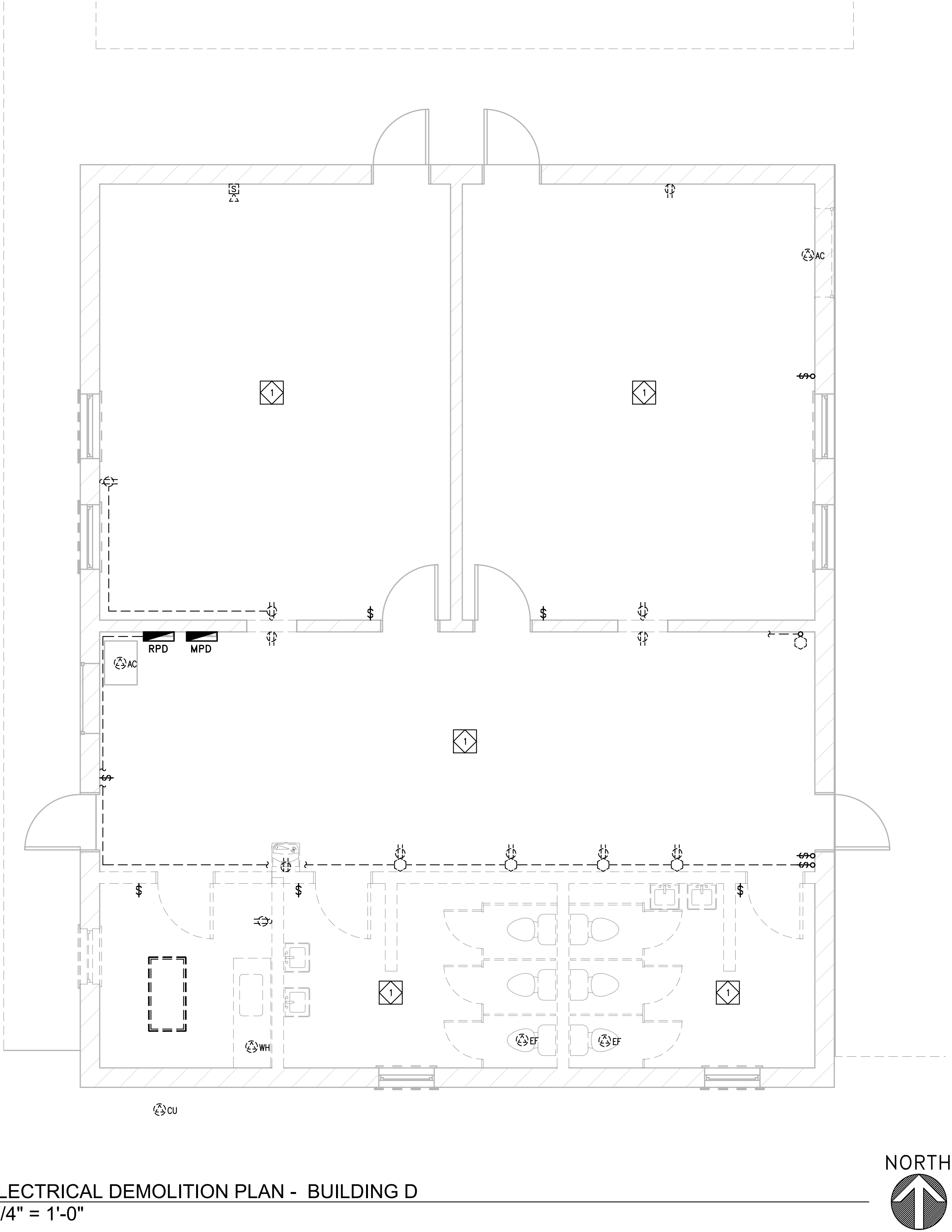
ELECTRICAL DEMOLITION PLAN
EAST BUILDING "C"



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 7. DEMOLITION OF EXISTING BUILDING SHALL BE COORDINATED WITH OWNER AND PHASES OF CONSTRUCTION.
 8. EXISTING FLUSH MOUNTED BOXES NOT BEING REUSED SHALL BE COVERED WITH FINISHED, FLUSH, STAINLESS STEEL COVER PLATES.
 9. ALL SALVAGEABLE ITEMS SHOWN FOR DEMOLITION SHALL BE TURNED OVER TO THE OWNER. OTHER ELECTRICAL COMPONENTS SHALL BE REMOVED AND DISCARDED BY THE CONTRACTOR.

SPECIFIC ELECTRICAL DEMOLITION NOTES (THIS SHEET):

 LIGHT FIXTURES HAVE ALREADY BEEN REMOVED FROM THIS ROOM.



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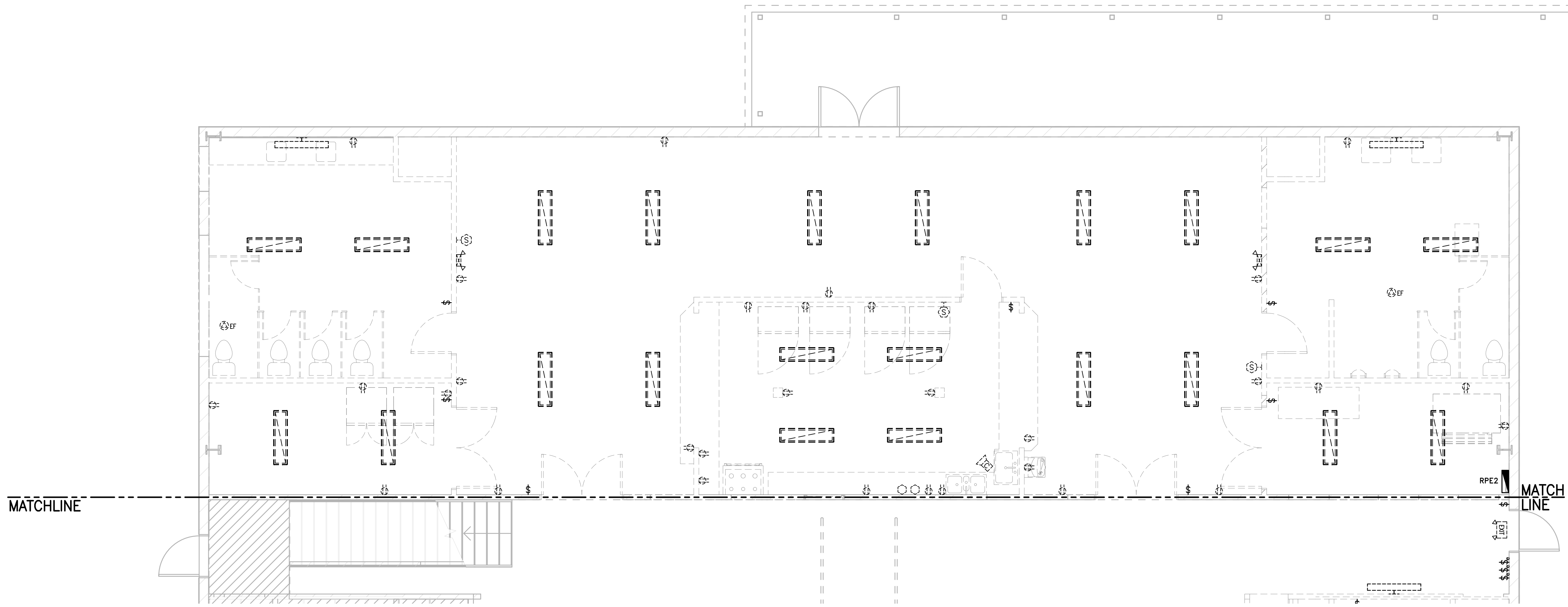


Construction Documents

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ELECTRICAL DEMOLITION PLAN
SOUTH BUILDING "D"

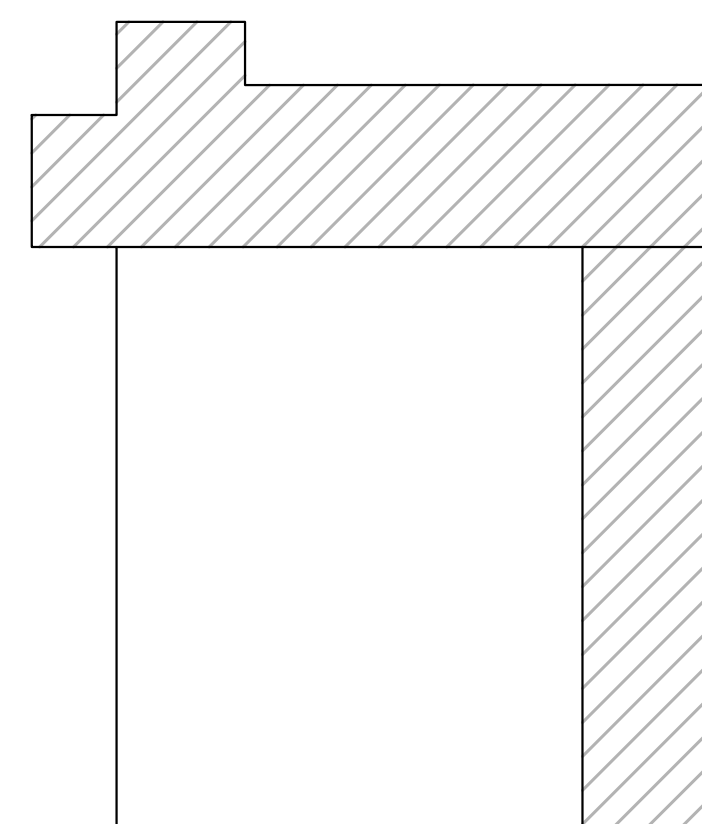
E-103



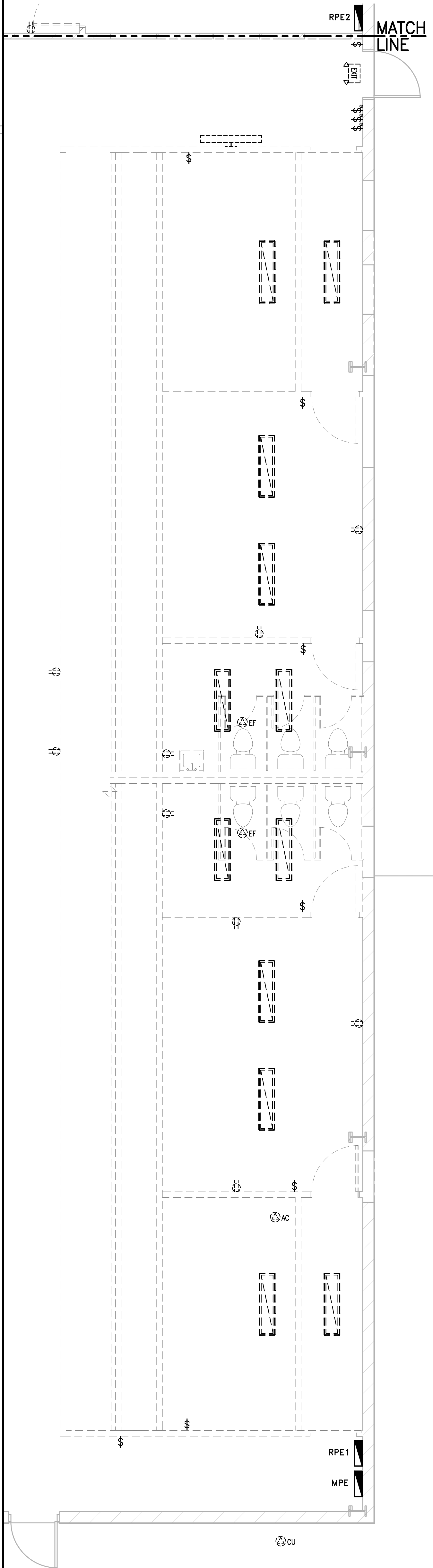
1 PARTIAL ELECTRICAL DEMOLITION PLAN - GYMNASIUM LEVEL 1 - BUILDING E
1/4" = 1'-0"

GENERAL ELECTRICAL DEMOLITION NOTES:

1. EVERY ATTEMPT HAS BEEN MADE TO REPRESENT ALL EXISTING ELECTRICAL CONDITIONS.
2. CONTRACTOR SHALL REMOVE AND DISCARD ELECTRICAL EQUIPMENT AS NOTED, INCLUDING BUT NOT LIMITED TO LUMINAIRES, LAMPS, DEVICES, SWITCHES, CONDUIT, WIRING, EQUIPMENT, AND LOW VOLTAGE SYSTEMS THAT ARE NOT BEING REUSED BY THE OWNER.
3. CONTRACTOR SHALL REMOVE AND DISCARD ALL EXISTING ELECTRICAL CIRCUITS AND WIRING ASSOCIATED WITH EACH.
4. MAINTAIN CIRCUIT CONTINUITY TO ADJACENT AREAS THAT ARE AFFECTED BY DEMOLITION. CONTRACTOR TO ENSURE AREAS OUTSIDE OF WORK LIMITS HAVE ANY CIRCUITS REPAIRED OR REPLACED AFTER DEMOLITION IS COMPLETE.
5. CONDUITS WHICH STUB UP THROUGH EXISTING SLAB SHALL BE CUT OFF EVEN WITH SLAB. CUT SHALL BE FLUSH TO ALLOW FOR ANY NEW FLOORING TO BE INSTALLED.
6. ALL EXISTING TELEPHONE, DATA, AND ACCESS CONTROL SYSTEMS, WIRING, AND COMPONENTS SHALL BE REMOVED BY CONTRACTOR, VERIFY PRIOR TO DEMOLITION. CONTRACTOR SHALL REMOVE ALL CONDUITS AND BOXES ASSOCIATED WITH THESE SYSTEMS.
7. DEMOLITION OF EXISTING BUILDING SHALL BE COORDINATED WITH OWNER AND PHASES OF CONSTRUCTION.
8. EXISTING FLUSH MOUNTED BOXES NOT BEING REUSED SHALL BE COVERED WITH FINISHED, FLUSH, STAINLESS STEEL COVER PLATES.
9. ALL SALVAGEABLE ITEMS SHOWN FOR DEMOLITION SHALL BE TURNED OVER TO THE OWNER. OTHER ELECTRICAL COMPONENTS SHALL BE REMOVED AND DISCARDED BY THE CONTRACTOR.



KEY PLAN



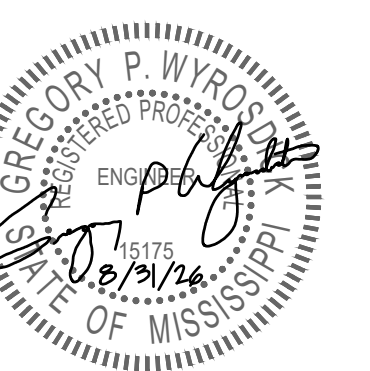
2 PARTIAL ELECTRICAL DEMOLITION PLAN NORTH
- GYMNASIUM LEVEL 1 - BUILDING E
1/4" = 1'-0"



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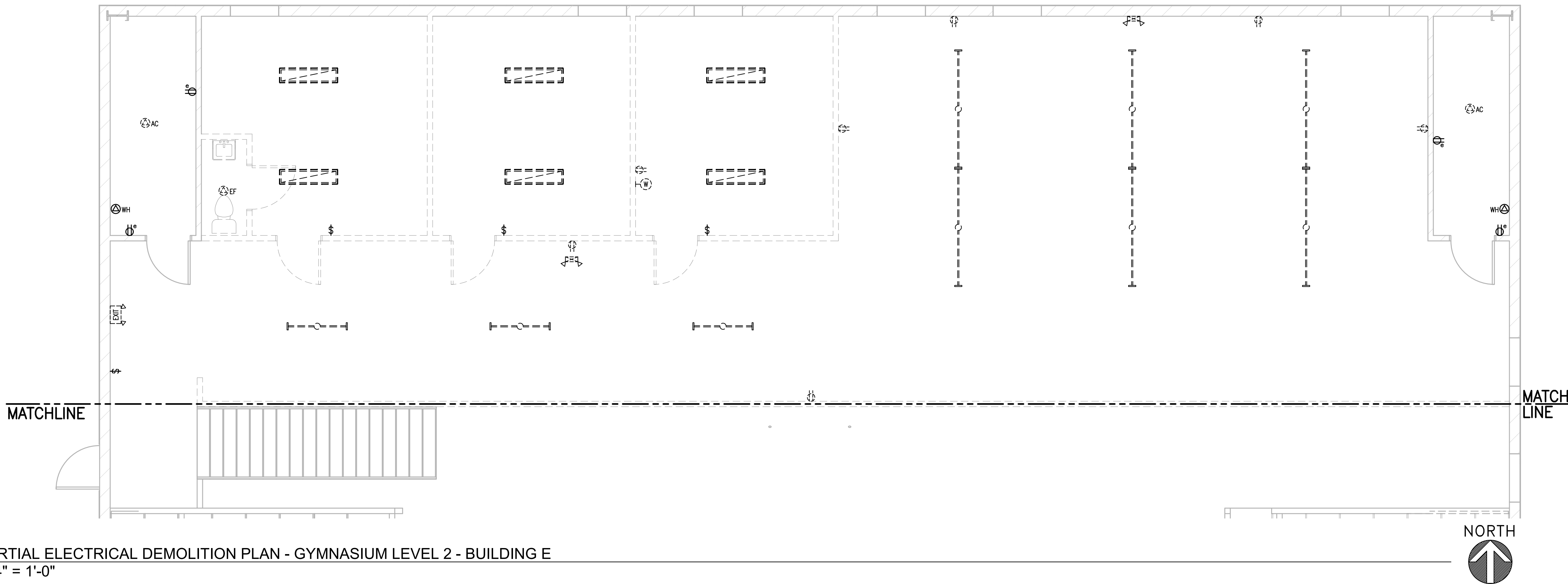
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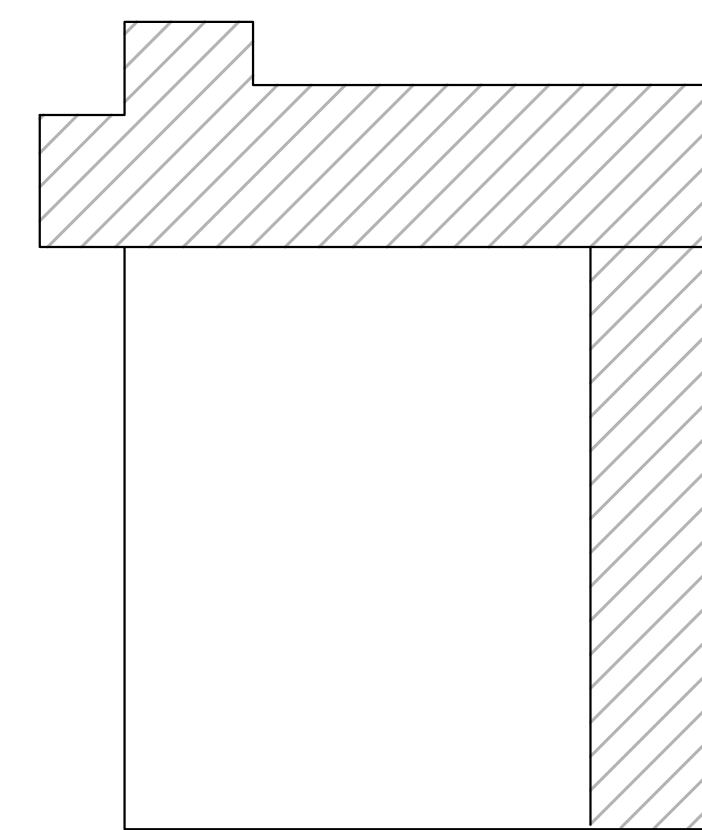
ELECTRICAL DEMOLITION PLAN
GYMNASIUM "E"

E-104

1 PARTIAL ELECTRICAL DEMOLITION PLAN - GYMNASIUM LEVEL 2 - BUILDING E
1/4" = 1'-0"

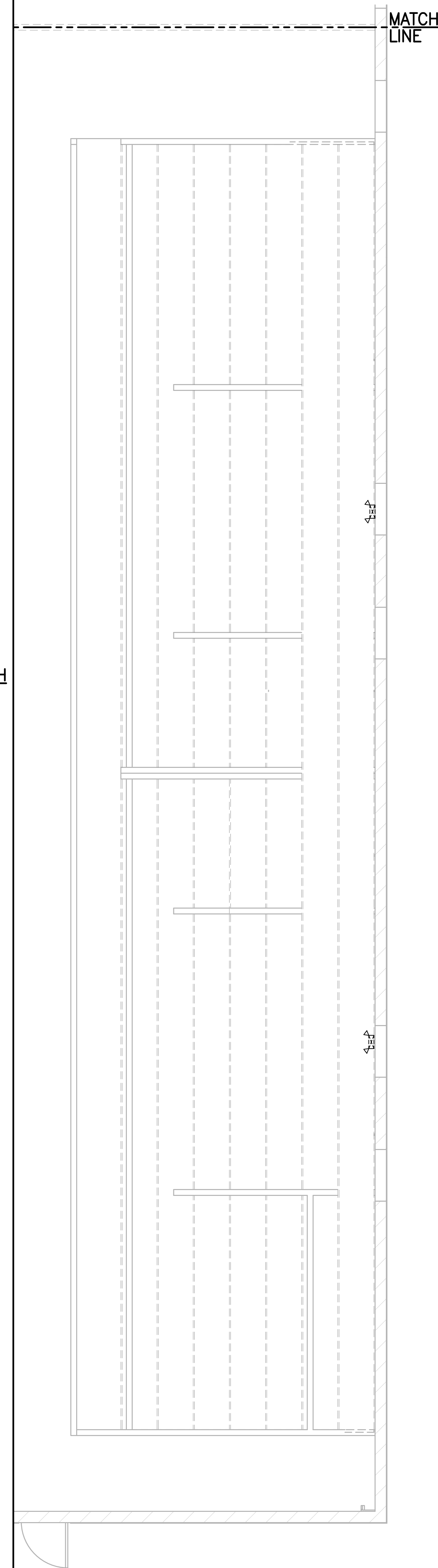


- GENERAL ELECTRICAL DEMOLITION NOTES:
1. EVERY ATTEMPT HAS BEEN MADE TO REPRESENT ALL EXISTING ELECTRICAL CONDITIONS.
 2. CONTRACTOR SHALL REMOVE AND DISCARD ELECTRICAL EQUIPMENT AS NOTED, INCLUDING BUT NOT LIMITED TO LUMINAIRES, LAMPS, DEVICES, SWITCHES, CONDUIT, WIRING, EQUIPMENT, AND LOW VOLTAGE SYSTEMS THAT ARE NOT BEING REUSED BY THE OWNER.
 3. CONTRACTOR SHALL REMOVE AND DISCARD ALL EXISTING ELECTRICAL CIRCUITS AND WIRING ASSOCIATED WITH EACH.
 4. MAINTAIN CIRCUIT CONTINUITY TO ADJACENT AREAS THAT ARE AFFECTED BY DEMOLITION. CONTRACTOR TO ENSURE AREAS OUTSIDE OF WORK LIMITS HAVE ANY CIRCUITS REPAIRED OR REPLACED AFTER DEMOLITION IS COMPLETE.
 5. CONDUITS WHICH STUB UP THROUGH EXISTING SLAB SHALL BE CUT OFF EVEN WITH SLAB. CUT SHALL BE FLUSH TO ALLOW FOR ANY NEW FLOORING TO BE INSTALLED.
 6. ALL EXISTING TELEPHONE, DATA, AND ACCESS CONTROL SYSTEMS, WIRING, AND COMPONENTS SHALL BE REMOVED BY CONTRACTOR. VERIFY PRIOR TO DEMOLITION. CONTRACTOR SHALL REMOVE ALL CONDUITS AND BOXES ASSOCIATED WITH THESE SYSTEMS.
 7. DEMOLITION OF EXISTING BUILDING SHALL BE COORDINATED WITH OWNER AND PHASES OF CONSTRUCTION.
 8. EXISTING FLUSH MOUNTED BOXES NOT BEING REUSED SHALL BE COVERED WITH FINISHED, FLUSH, STAINLESS STEEL COVER PLATES.
 9. ALL SALVAGEABLE ITEMS SHOWN FOR DEMOLITION SHALL BE TURNED OVER TO THE OWNER. OTHER ELECTRICAL COMPONENTS SHALL BE REMOVED AND DISCARDED BY THE CONTRACTOR.



KEY PLAN

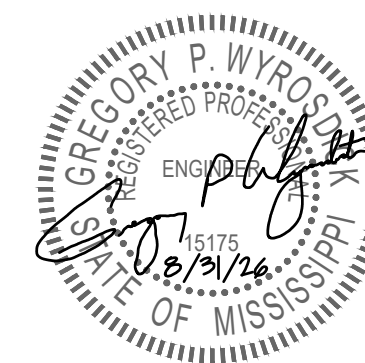
2 PARTIAL ELECTRICAL DEMOLITION PLAN NORTH
- GYMNASIUM LEVEL 2 - BUILDING E
1/4" = 1'-0"



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ELECTRICAL DEMOLITION PLAN
GYMNASIUM "E"

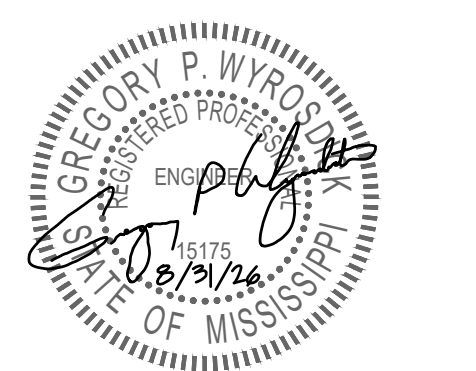
E-105



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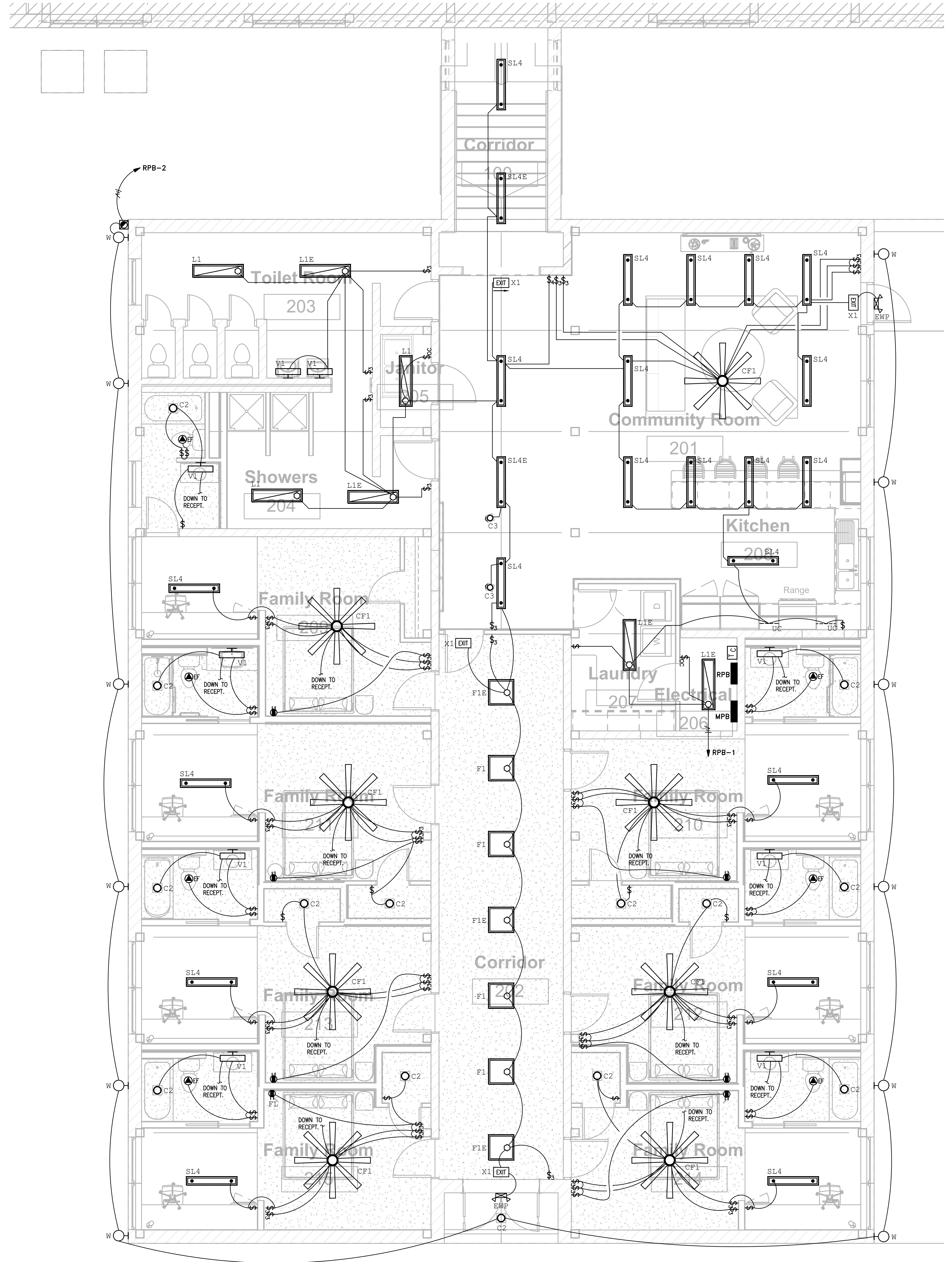


Construction Documents

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NEW LIGHTING PLAN
WEST BUILDING "B"

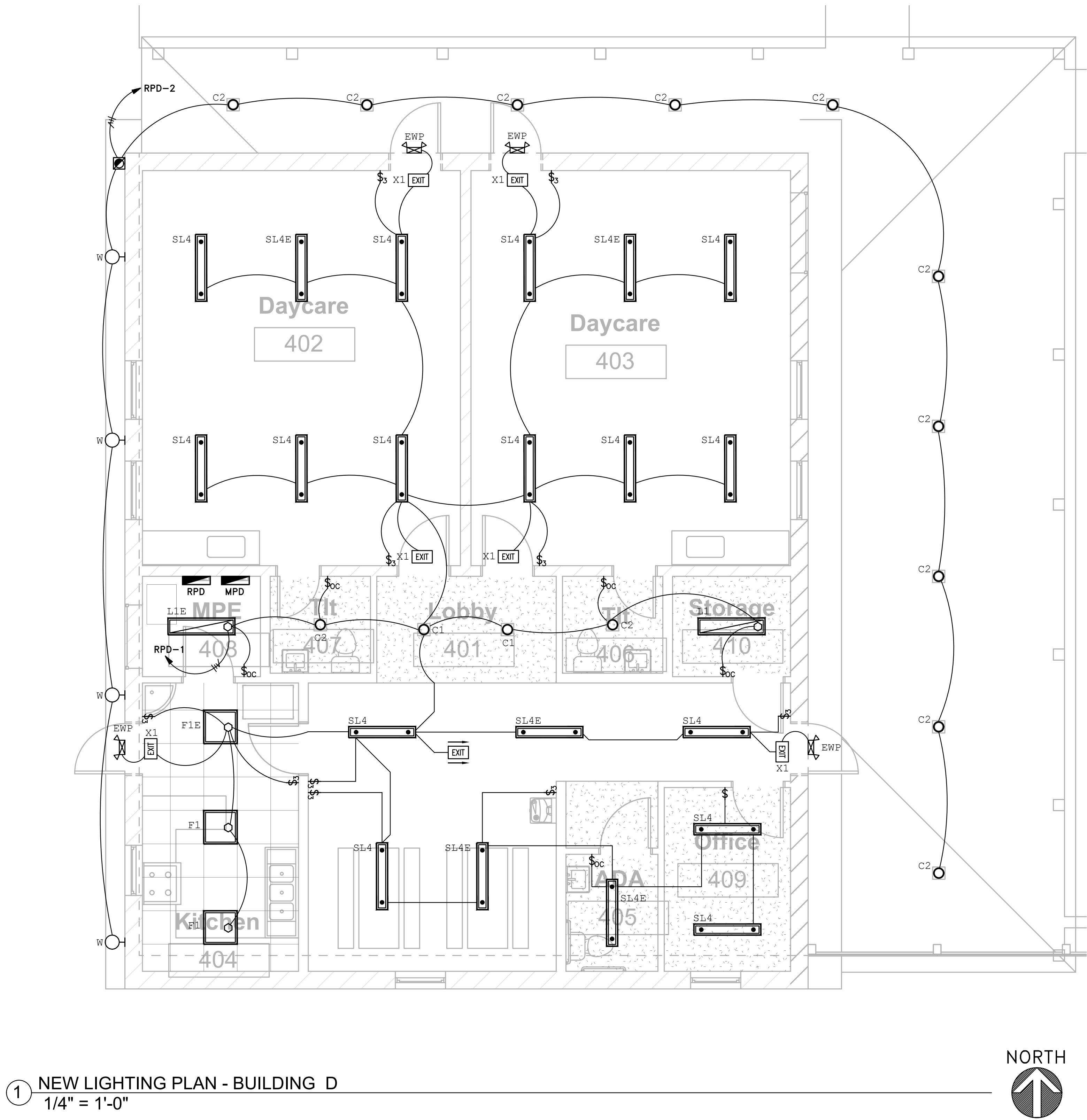
E-201



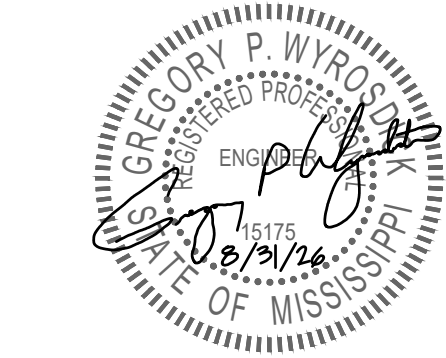
1 NEW LIGHTING PLAN - BUILDING B
1/4" = 1'-0"



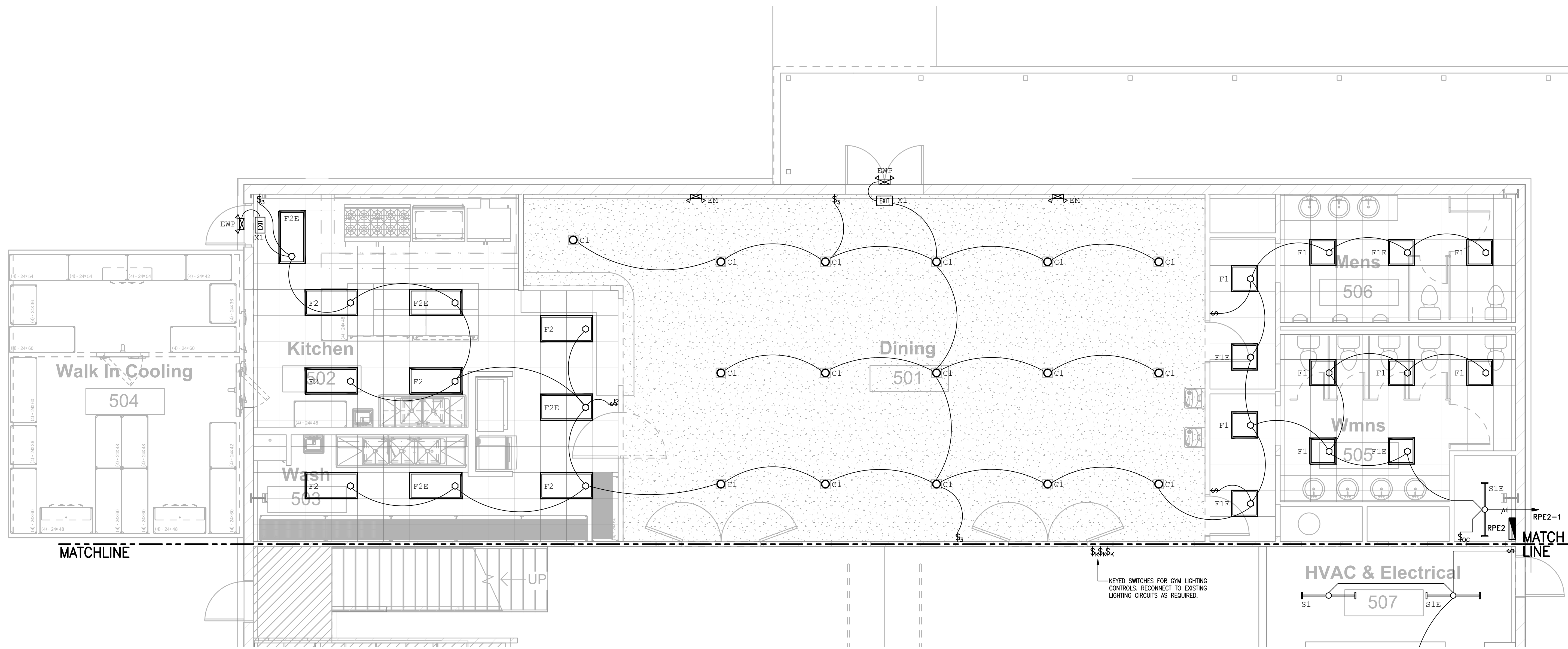
WELCON
ELECTRICAL CONSULTANTS, PLLC
9414 THREE RIVERS ROAD, SUITE #4
GULFPORT, MISSISSIPPI 39503
228.822.6000
WEC PROJECT #: 26-WEC-115



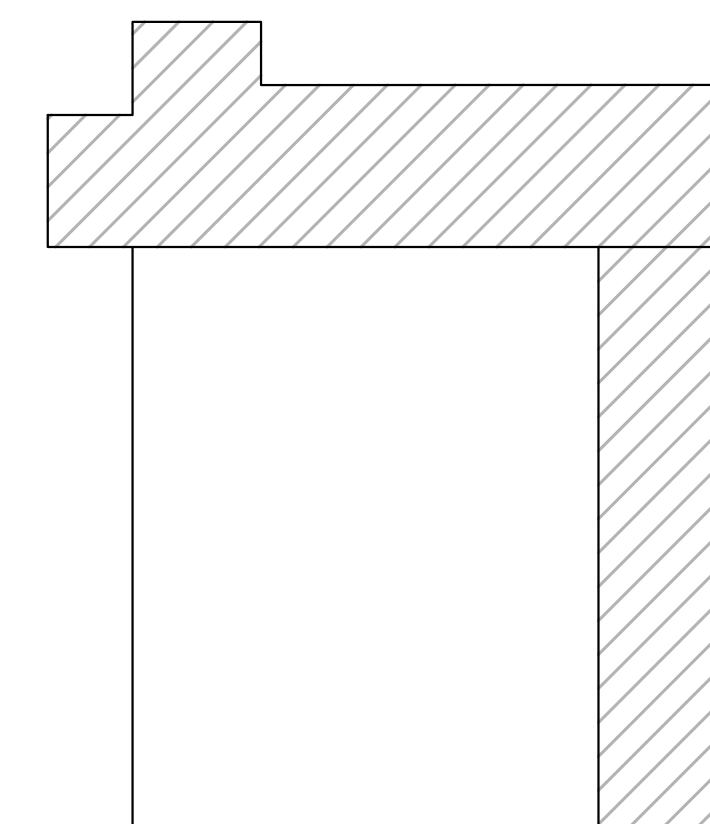
1 NEW LIGHTING PLAN - BUILDING D
1/4" = 1'-0"



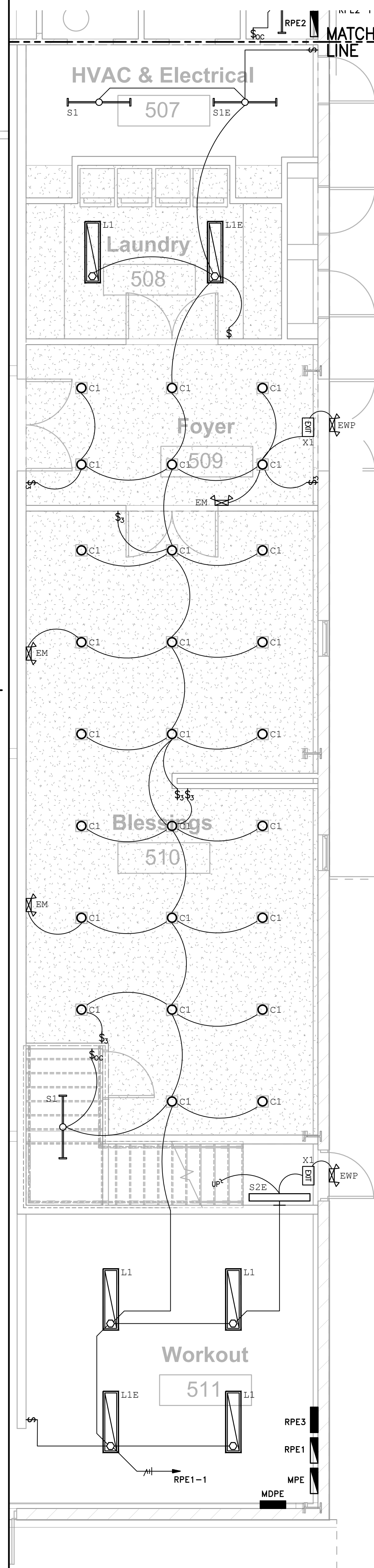
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NEW LIGHTING PLAN SOUTH BUILDING "D"	



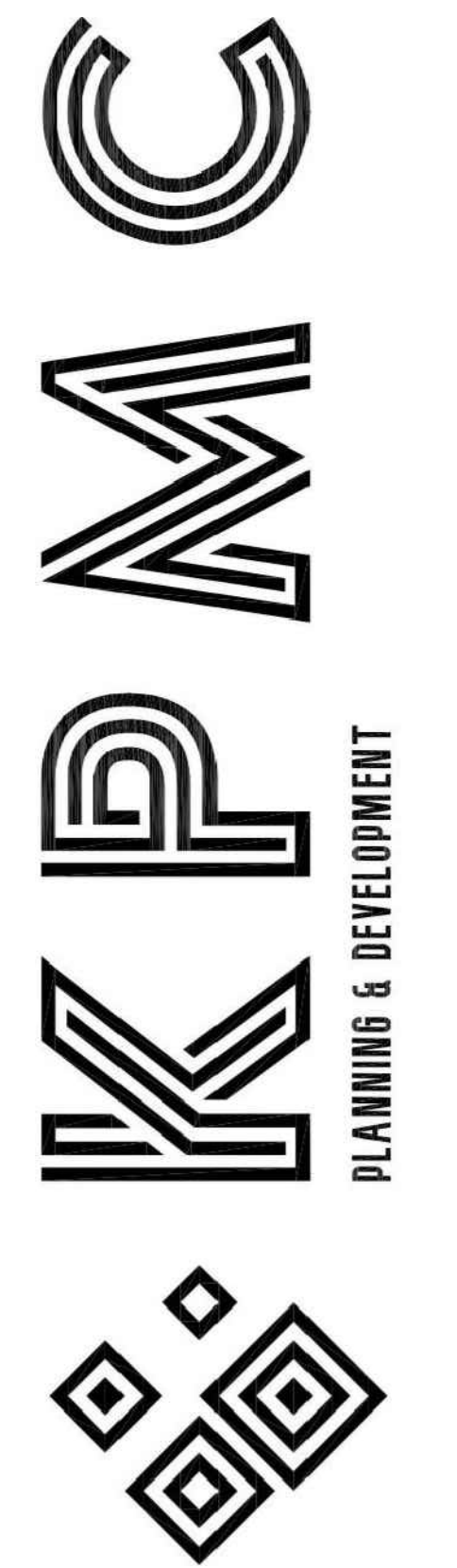
① PARTIAL NEW LIGHTING PLAN - GYMNASIUM LEVEL 1 - BUILDING E
1/4" = 1'-0"



KEY PLAN



② PARTIAL NEW LIGHTING PLAN - GYMNASIUM LEVEL 1 - BUILDING E
1/4" = 1'-0"

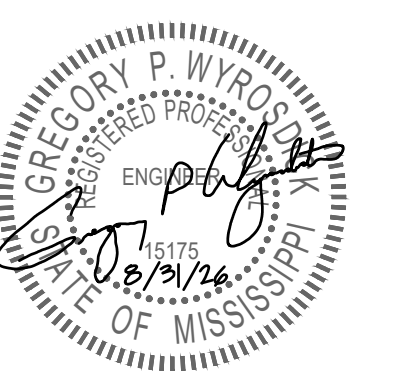


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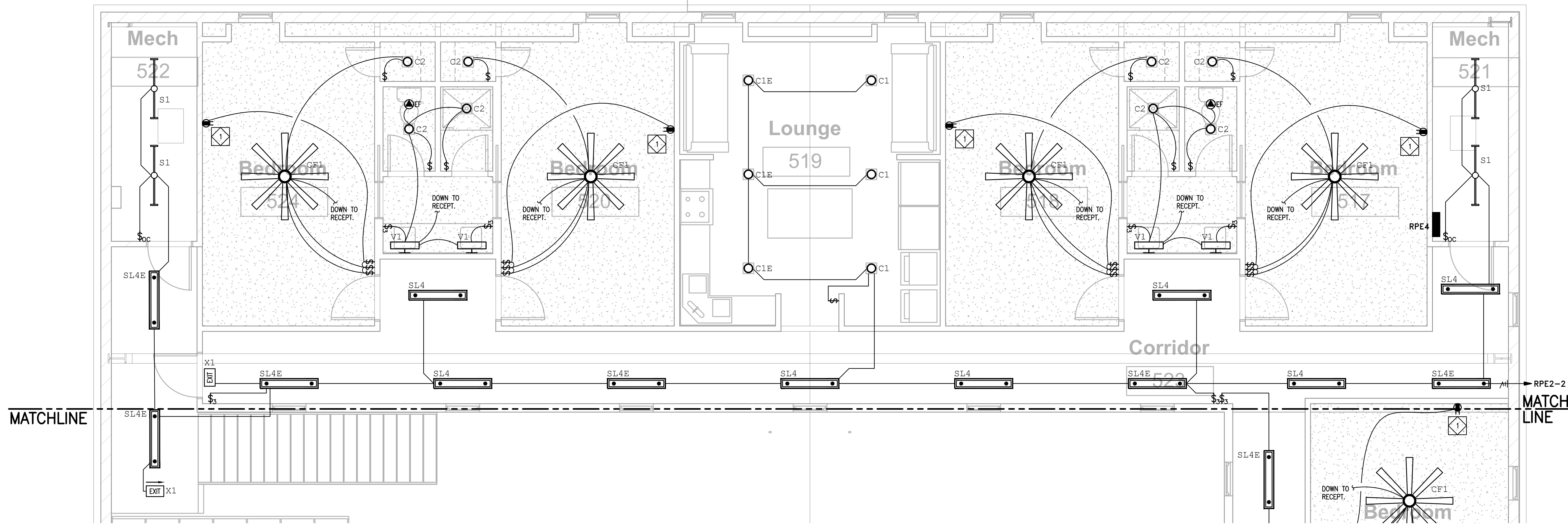
Construction Documents

Revision Rev Date

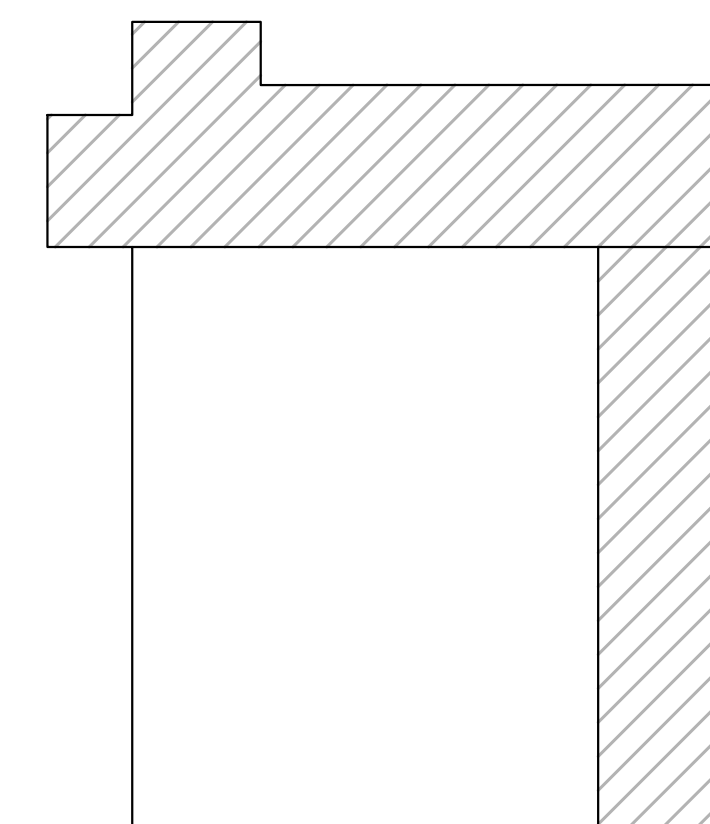
NEW LIGHTING PLAN
GYMNASIUM "E"

E-204

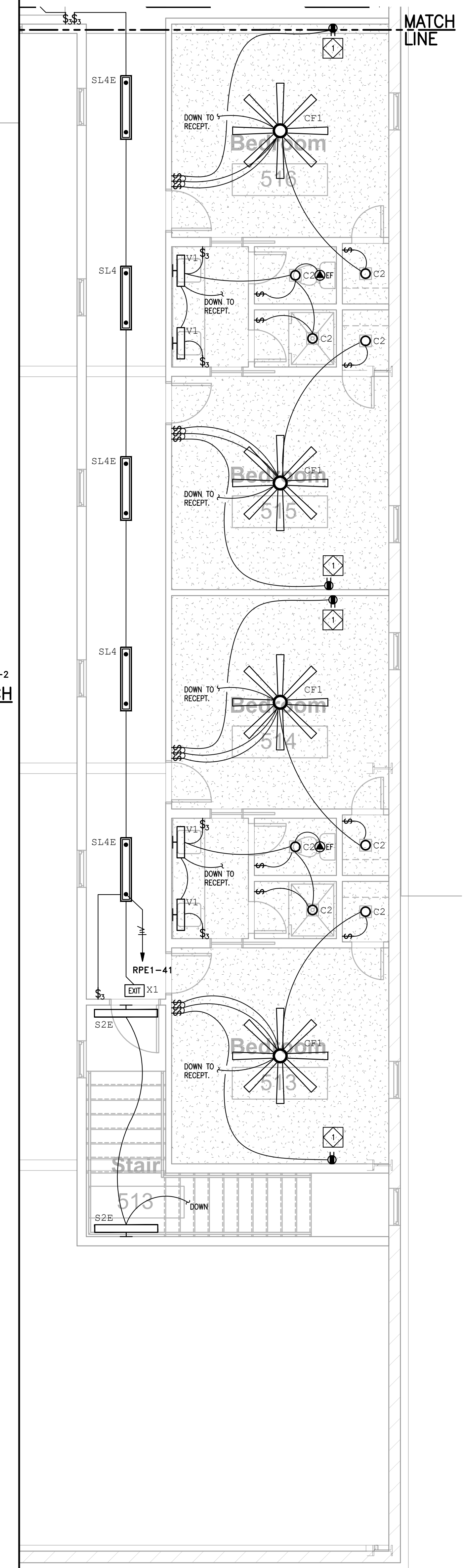
SPECIFIC ELECTRICAL NOTES (THIS SHEET):
SWITCHED RECEPTACLE, COORDINATE WITH CLIENT AND ARCHITECT FOR EXACT LOCATION.



1 PARTIAL NEW LIGHTING PLAN - GYMNASIUM LEVEL 2 - BUILDING E
1/4" = 1'-0"



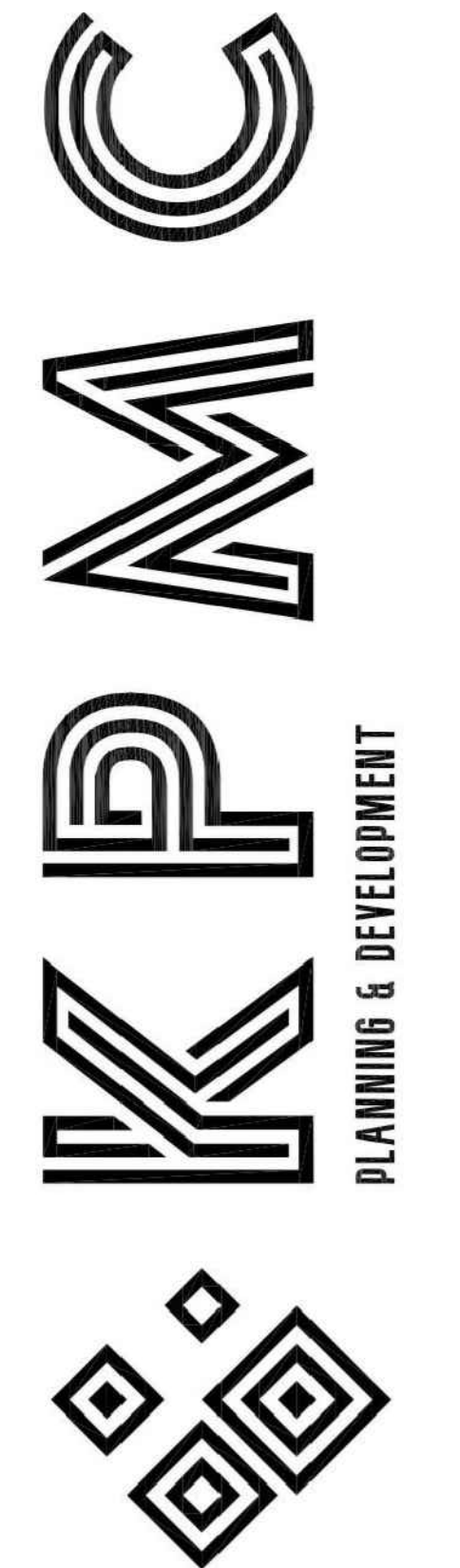
KEY PLAN



2 PARTIAL NEW LIGHTING PLAN - GYMNASIUM LEVEL 2 - BUILDING E
1/4" = 1'-0"



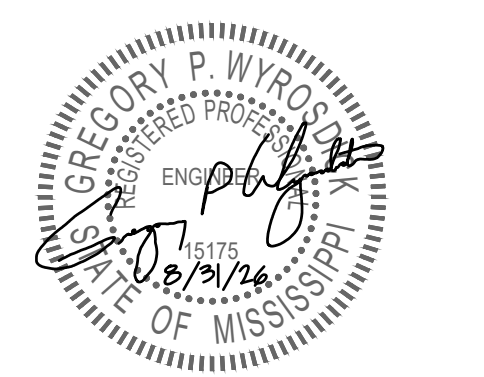
WELCON
ELECTRICAL CONSULTANTS, PLLC
84 LA THREE RIVERS ROAD, SUITE #4
GALVESTON, MISSISSIPPI 39303
228.253.5000
WEC PROJECT # 20-WEC-18



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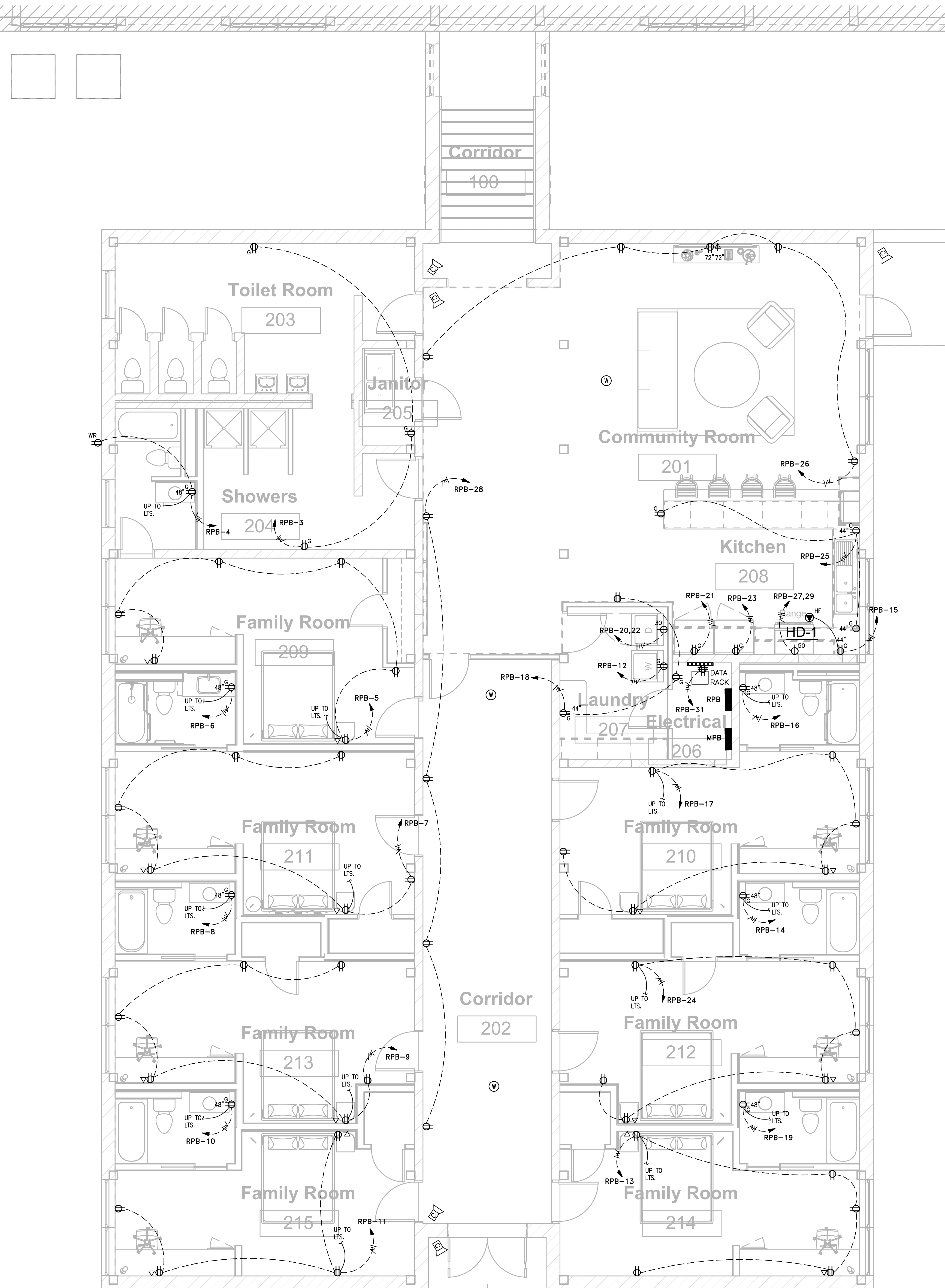
Revision Rev Date

NEW LIGHTING PLAN
GYMNASIUM "E"

E-205

GENERAL POWER & COMMUNICATIONS NOTES:

1. ALL WIRING INTERNAL OF DWELLING UNITS SHALL BE NON-METALLIC SHEATHED CABLE. INSTALL IN ACCORDANCE WITH NEC ARTICLE 334.
2. ALL CIRCUIT BREAKERS SERVING DWELLING UNIT NON-GFCI PROTECTED BRANCH CIRCUITS SHALL BE COMBINATION ARC-FAULT CIRCUIT INTERRUPTERS PER NEC 2017 210.12B.
3. ALL DWELLING UNIT RECEPTACLE OUTLETS SPECIFIED IN NEC 2017 210.52 SHALL BE LISTED AT TAMPER-RESISTANT PER NEC 2011 406.11 REQUIREMENT.
4. ALL DWELLING UNIT EXTERIOR WEATHER-PROOF RECEPTACLE OUTLETS SHALL BE WEATHER RESISTANT AND INSTALLED PER NEC 2017 406.8.
5. COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES WITH MILLWORK.



1 NEW POWER & COMMUNICATIONS PLAN - BUILDING B
1/4" = 1'-0"

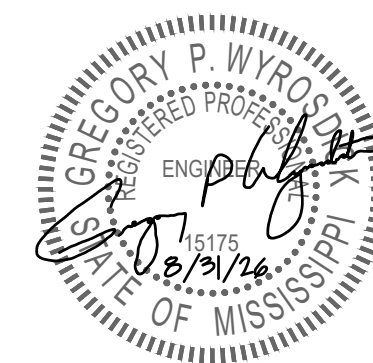


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NEW POWER & COMMUNICATIONS PLAN
WEST BUILDING "B"

E-301

1. ALL WIRING INTERNAL OF DWELLING UNITS SHALL BE NON-METALLIC SHEATHED CABLE, INSTALL IN ACCORDANCE WITH NEC ARTICLE 334.
2. ALL CIRCUIT BREAKERS SERVICING DWELLING UNIT NON-GFCI PROTECTED BRANCH CIRCUITS SHALL BE COMBINATION ARC-FAULT CIRCUIT INTERRUPTERS PER NEC 2017.210.12B.
3. ALL DWELLING UNIT RECEPTACLE OUTLETS SPECIFIED IN NEC 2017.210.52 SHALL BE LISTED AT TAMPER-RESISTANT PER NEC 2017.406.11 REQUIREMENT.
4. ALL DWELLING UNIT EXTERIOR WEATHER-PROOF RECEPTACLE OUTLETS SHALL BE WEATHER RESISTANT AND INSTALLED PER NEC 2017.406.8.
5. COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES WITH MILLWORK.



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6/5/2026

Date _____

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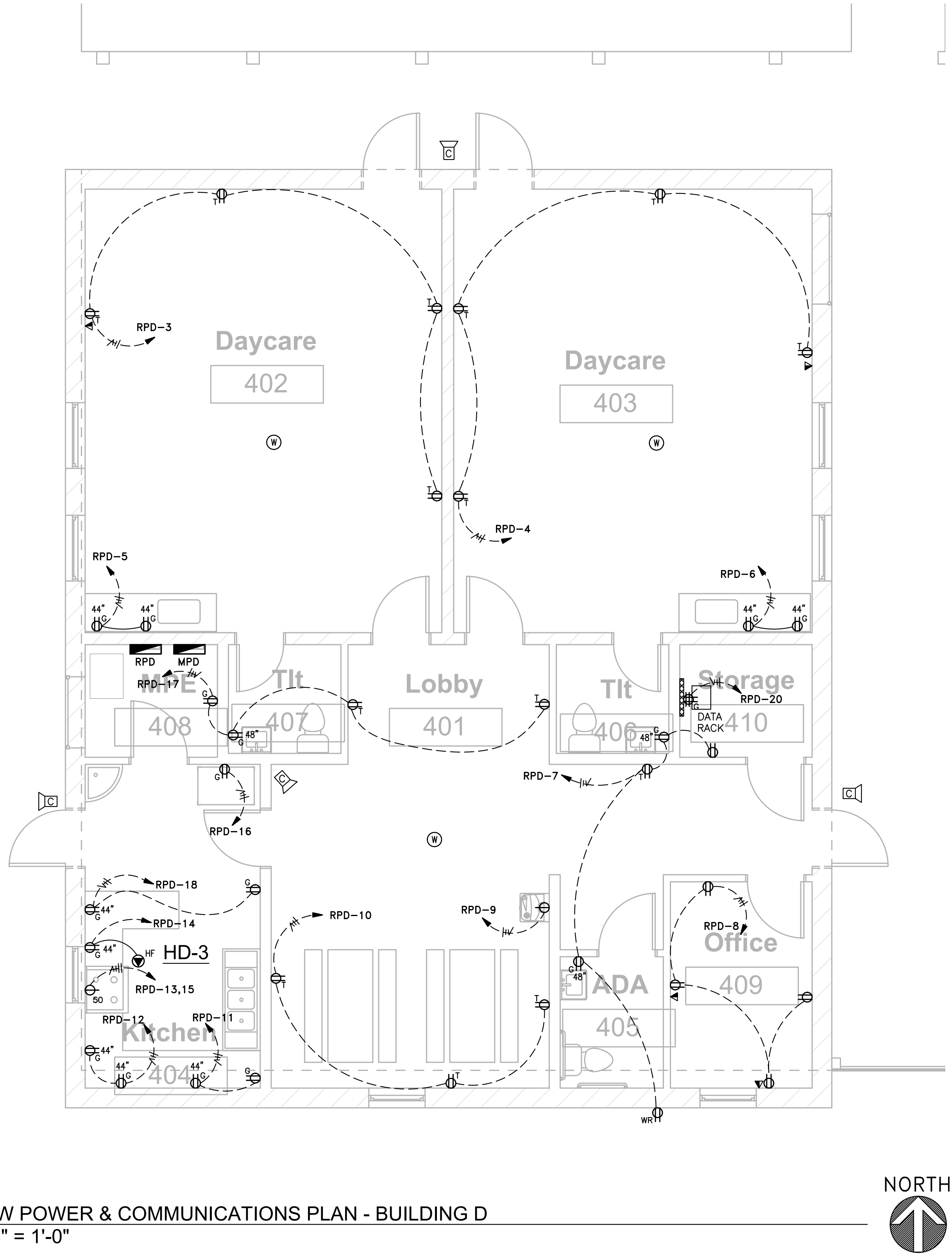
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NEW POWER & COMMUNICATIONS PLAN
EAST BUILDING "C"

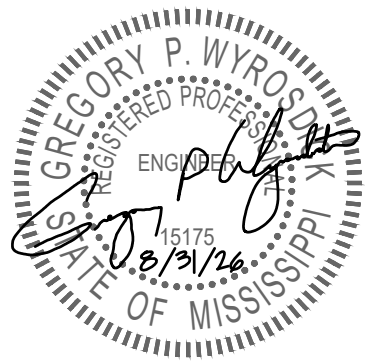
E-302

GENERAL POWER & COMMUNICATIONS NOTES:

1. ALL WIRING INTERNAL OF DWELLING UNITS SHALL BE NON-METALLIC SHEATHED CABLE. INSTALL IN ACCORDANCE WITH NEC ARTICLE 334.
2. ALL CIRCUIT BREAKERS SERVING DWELLING UNIT NON-GFCI PROTECTED BRANCH CIRCUITS SHALL BE COMBINATION ARC-FAULT CIRCUIT INTERRUPTERS PER NEC 2017 210.12B.
3. ALL DWELLING UNIT RECEPTACLE OUTLETS SPECIFIED IN NEC 2017 210.52 SHALL BE LISTED AT TAMPER-RESISTANT PER NEC 2011 406.11 REQUIREMENT.
4. ALL DWELLING UNIT EXTERIOR WEATHER-PROOF RECEPTACLE OUTLETS SHALL BE WEATHER RESISTANT AND INSTALLED PER NEC 2017 406.8.
5. COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES WITH MILLWORK.

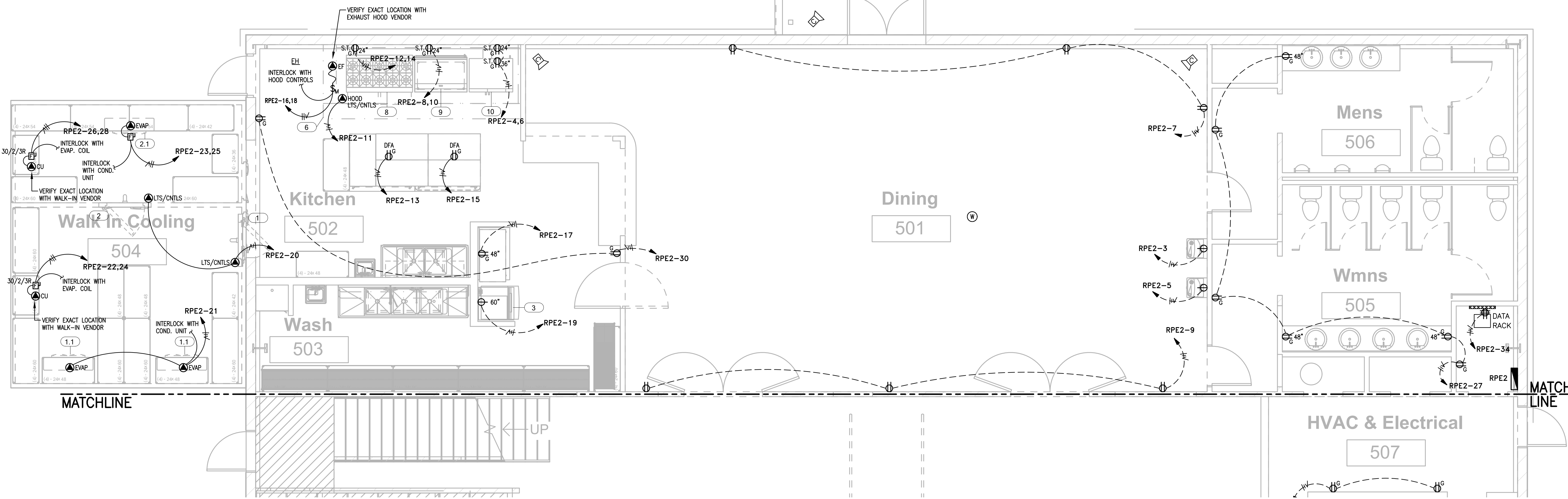


1 NEW POWER & COMMUNICATIONS PLAN - BUILDING D
1/4" = 1'-0"



Construction Documents

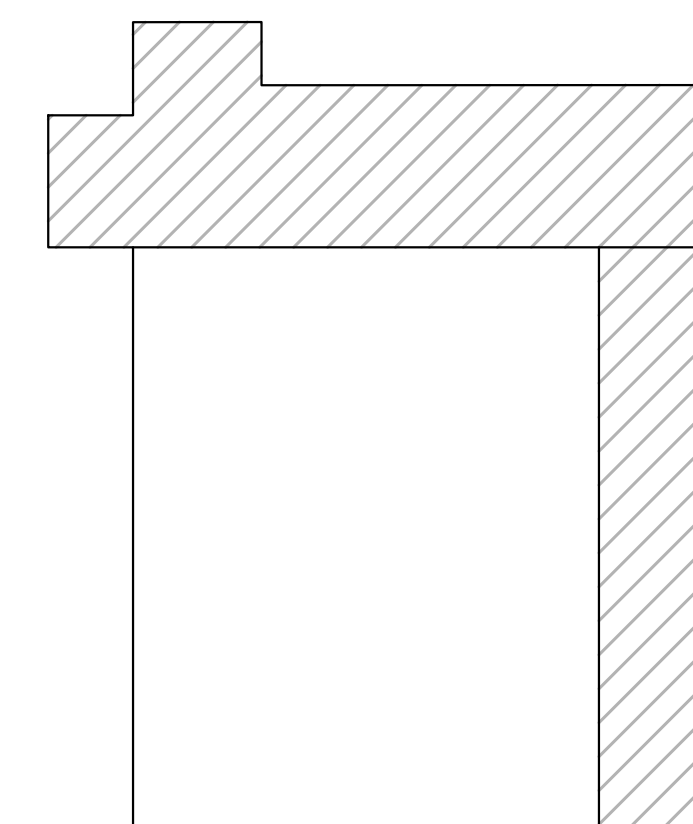
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NEW POWER & COMMUNICATIONS PLAN SOUTH BUILDING "D"	



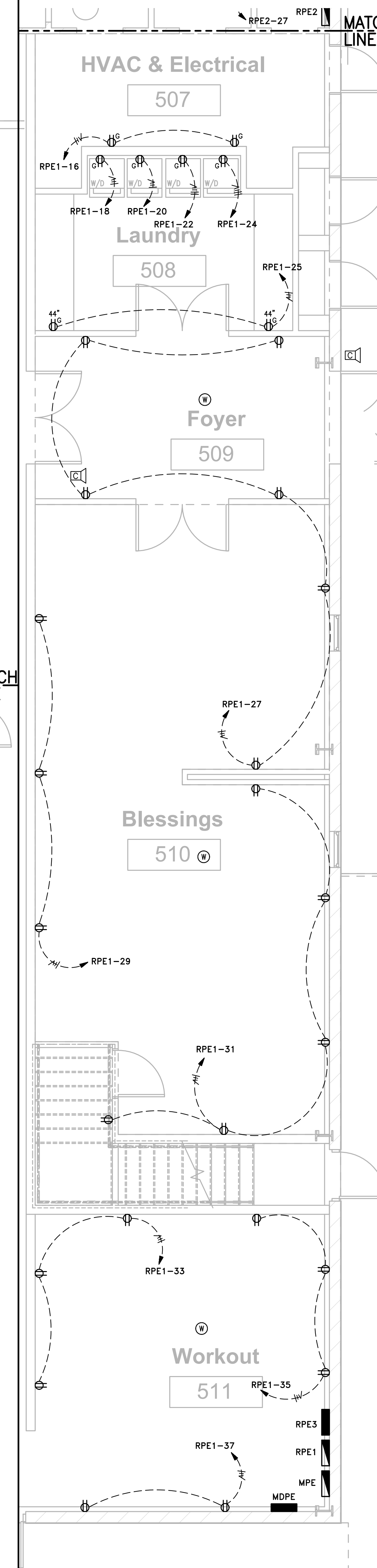
1 PARTIAL NEW POWER & COMMUNICATIONS PLAN - GYMNASIUM LEVEL 1 - BUILDING E
1/4" = 1'-0"

GENERAL POWER & COMMUNICATIONS NOTES:

1. ALL WIRING INTERNAL OF DWELLING UNITS SHALL BE NON-METALLIC SHEATHED CABLE. INSTALL IN ACCORDANCE WITH NEC ARTICLE 354.
2. ALL CIRCUIT BREAKERS SERVING DWELLING UNIT NON-GFCI PROTECTED BRANCH CIRCUITS SHALL BE COMBINATION ARC-FAULT CIRCUIT INTERRUPTERS PER NEC 2017 210.126.
3. ALL DWELLING UNIT RECEPTACLE OUTLETS SPECIFIED IN NEC 2017 210.52 SHALL BE LISTED AT TAMPER-RESISTANT PER NEC 2011 406.11 REQUIREMENT.
4. ALL DWELLING UNIT EXTERIOR WEATHER-PROOF RECEPTACLE OUTLETS SHALL BE WEATHER RESISTANT AND INSTALLED PER NEC 2017 406.8.
5. COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES WITH MILLWORK.



KEY PLAN



2 PARTIAL NEW POWER & COMM. PLAN - GYMNASIUM LEVEL 1 - BUILDING E
1/4" = 1'-0"

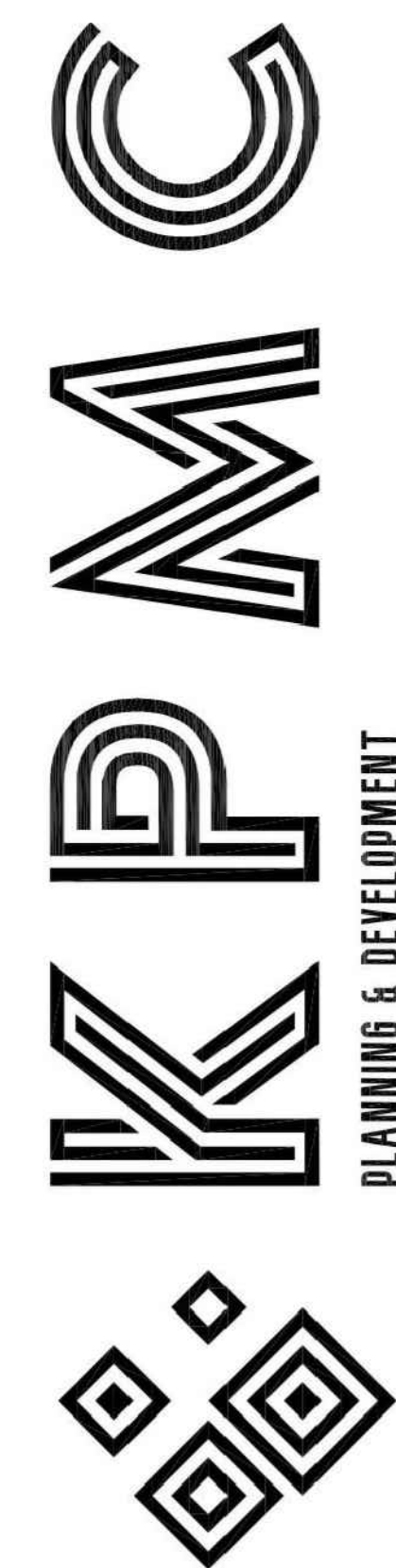


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PLANNING & DEVELOPMENT

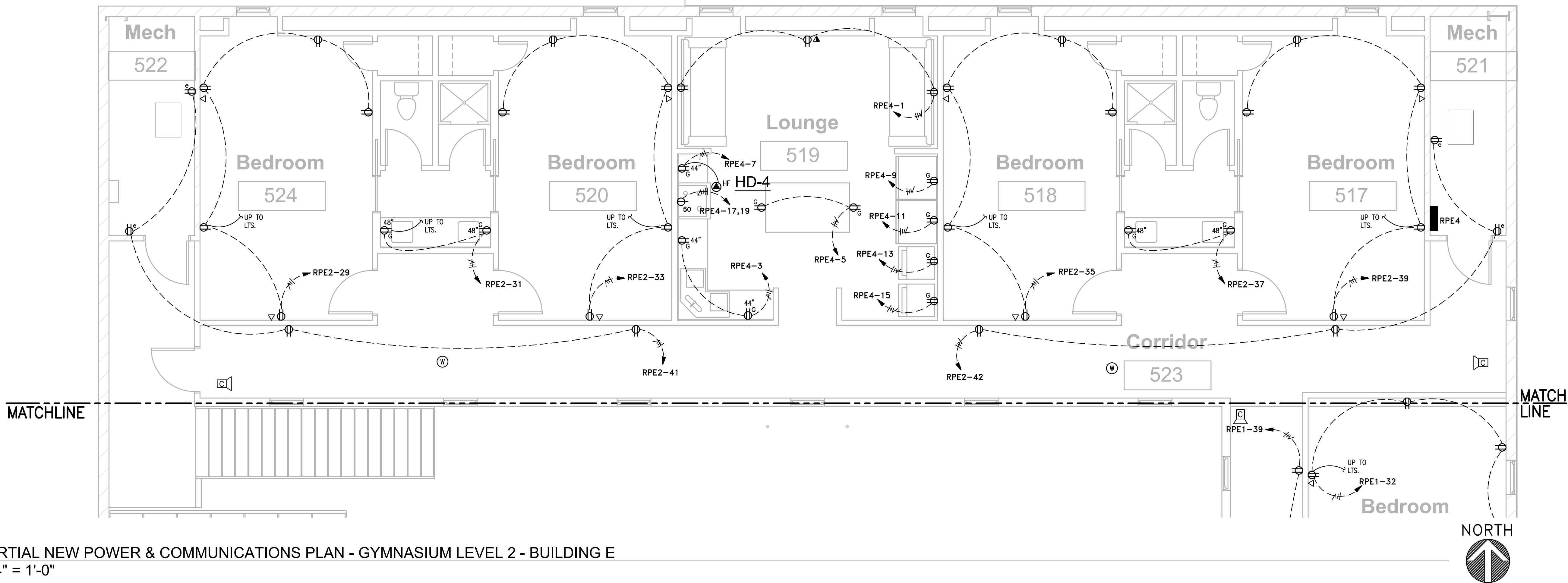


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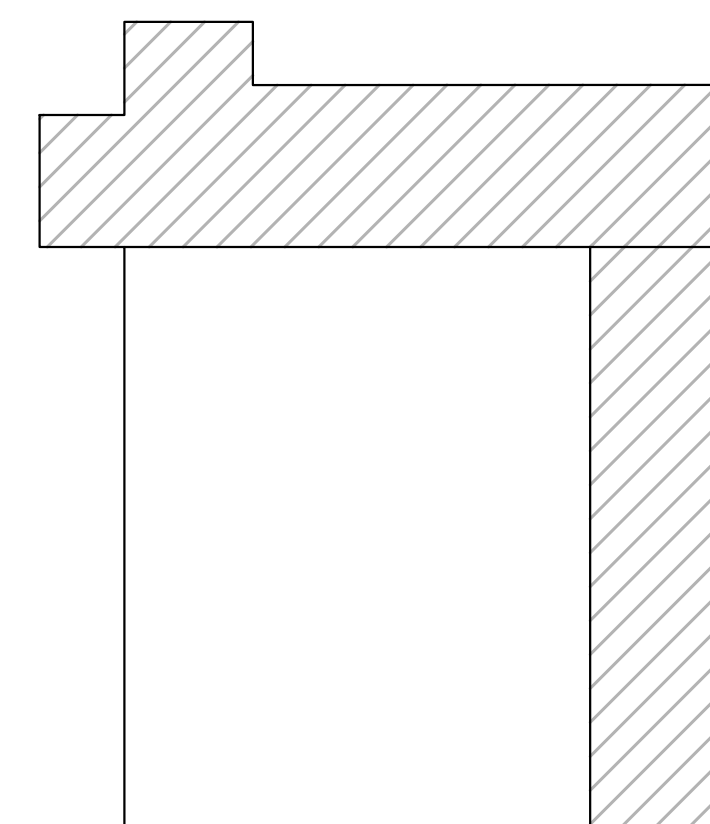
NEW POWER & COMMUNICATIONS PLAN GYMNASIUM "E"

E-304

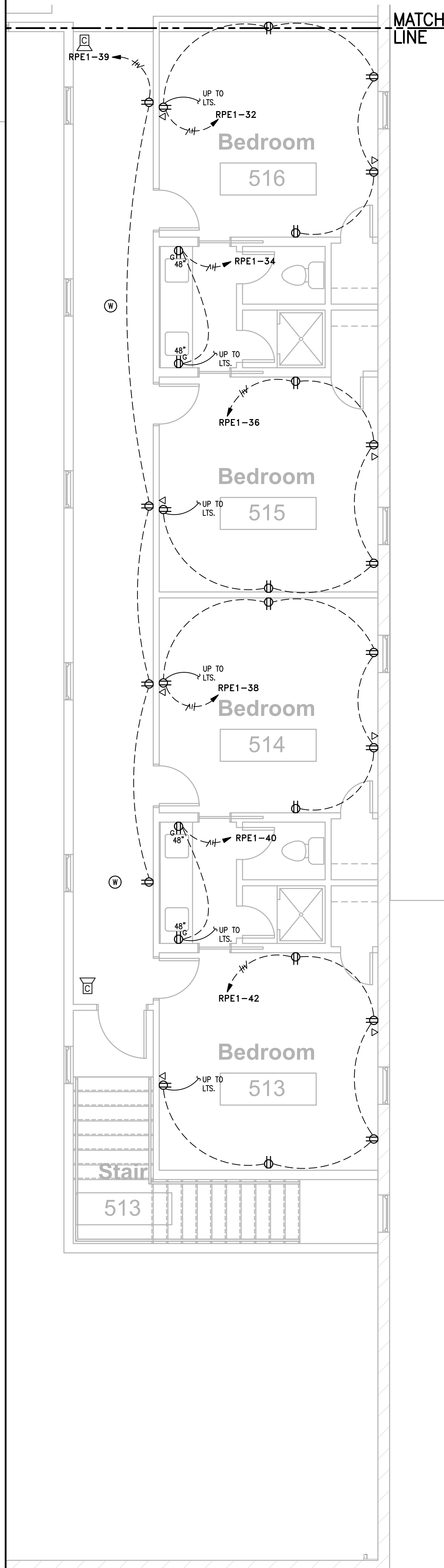


1 PARTIAL NEW POWER & COMMUNICATIONS PLAN - GYMNASIUM LEVEL 2 - BUILDING E
1/4" = 1'-0"

- GENERAL POWER & COMMUNICATIONS NOTES:
1. ALL WIRING INTERNAL OF DWELLING UNITS SHALL BE NON-METALLIC SHEATHED CABLE. INSTALL IN ACCORDANCE WITH NEC ARTICLE 334.
 2. ALL CIRCUIT BREAKERS SERVING DWELLING UNIT NON-GFCO PROTECTED BRANCH CIRCUITS SHALL BE COMBINATION ARC-FAULT CIRCUIT INTERRUPTERS PER NEC 2017 210.12B.
 3. ALL DWELLING UNIT RECEPTACLE OUTLETS SPECIFIED IN NEC 2017 210.52 SHALL BE LISTED AT TAMPER-RESISTANT PER NEC 2011 406.11 REQUIREMENT.
 4. ALL DWELLING UNIT EXTERIOR WEATHER-PROOF RECEPTACLE OUTLETS SHALL BE WEATHER RESISTANT AND INSTALLED PER NEC 2017 406.8.
 5. COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES WITH MILLWORK.



KEY PLAN

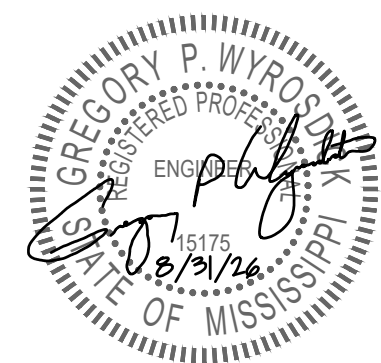


2 PARTIAL NEW POWER & COMM. PLAN - GYMNASIUM LEVEL 2 - BUILDING E
1/4" = 1'-0"



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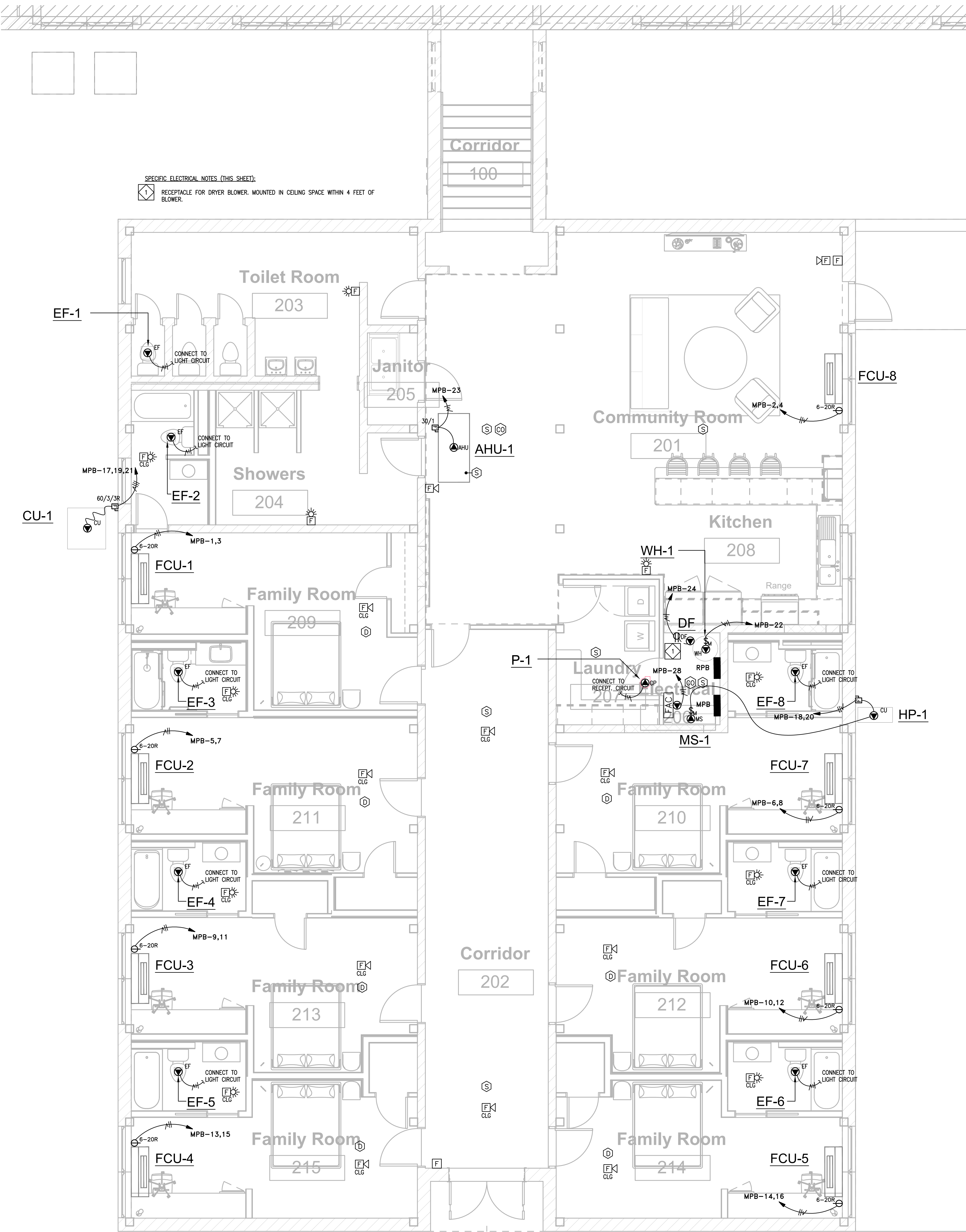
NEW POWER & COMMUNICATIONS PLAN
GYMNASIUM "E"

E-305

- GENERAL FIRE ALARM & MECHANICAL SYSTEMS NOTES:
1. ALL SMOKE DETECTORS WITHIN A DWELLING UNIT SHALL BE FIRE ALARM SYSTEMS DEVICES AND INTERLOCKED SO THAT OPERATION OF ANY SMOKE DETECTOR CAUSES THE ALARM IN ALL SMOKE DETECTORS TO SOUND.
 2. ALL SMOKE DETECTORS SHALL BE LOCATED MINIMUM 3FT AWAY FROM SUPPLY REGISTER AND ALL DOORS TO BATHROOMS. ALL SMOKE DETECTORS SHALL BE MOUNTED WITHIN 4" FROM SIDEWALL IN CEILING OR TOP TO BE BETWEEN 4" AND 12" FROM CEILING WALL MOUNTED DEVICES.

SPECIFIC ELECTRICAL NOTES (THIS SHEET):

RECEPTACLE FOR DRYER BLOWER. MOUNTED IN CEILING SPACE WITHIN 4 FEET OF BLOWER.



1 NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN - BUILDING B
1/4" = 1'-0"

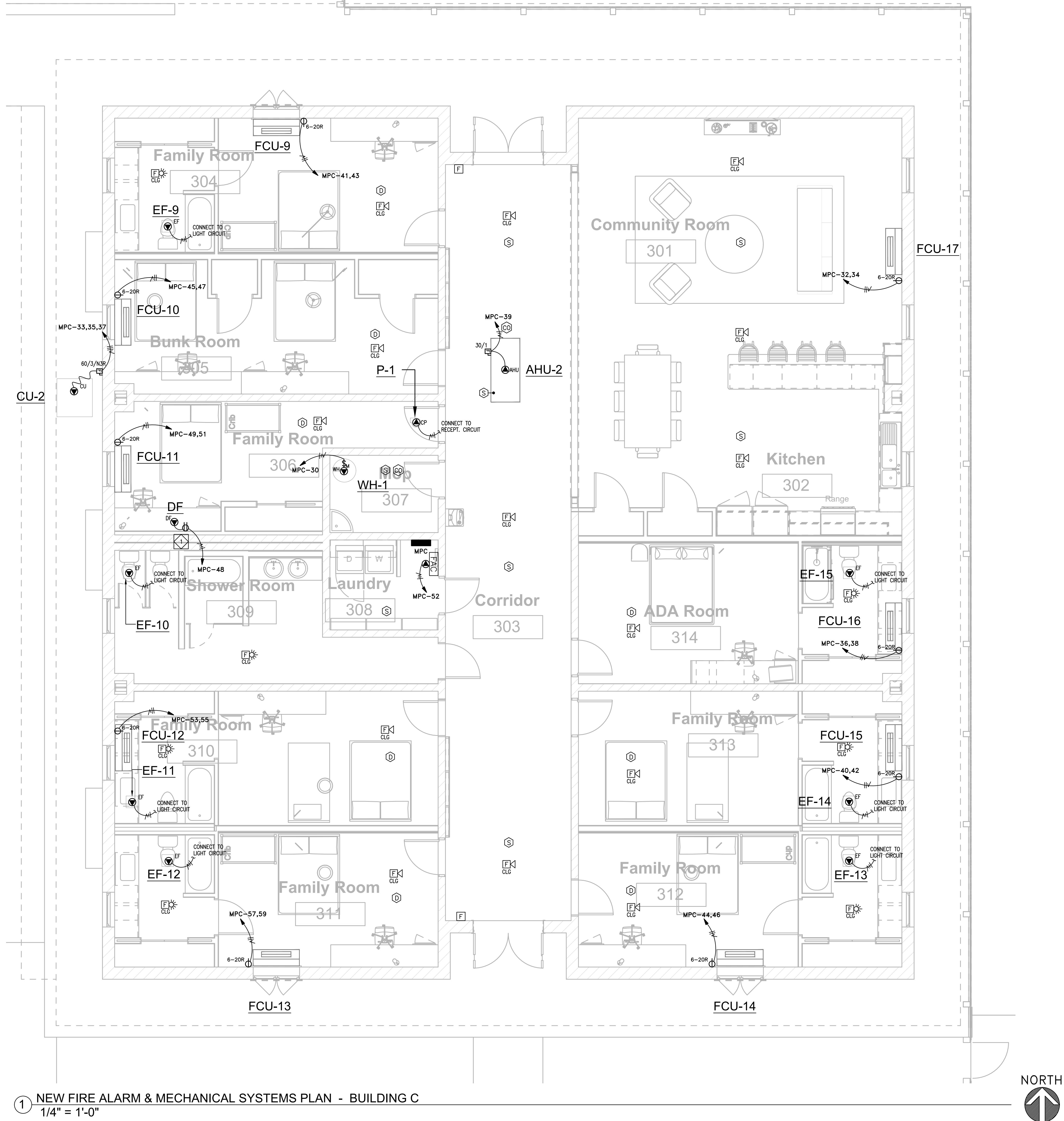


GENERAL FIRE ALARM & MECHANICAL SYSTEMS NOTES:

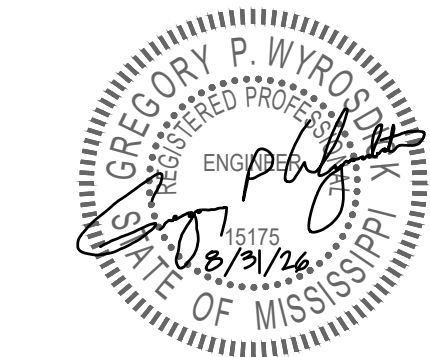
1. ALL SMOKE DETECTORS WITHIN A DWELLING UNIT SHALL BE FIRE ALARM SYSTEMS DEVICES AND INTERLOCKED SO THAT OPERATION OF ANY SMOKE DETECTOR CAUSES THE ALARM IN ALL SMOKE DETECTORS TO SOUND.
2. ALL SMOKE DETECTORS SHALL BE LOCATED MINIMUM 3FT AWAY FROM SUPPLY REGISTER AND ALL DOORS TO BATHROOMS. ALL SMOKE DETECTORS SHALL BE MOUNTED WITHIN 4' FROM SIDEWALL IN CEILING OR TOP TO BE BETWEEN 4" AND 12" FROM CEILING WALL MOUNTED DEVICES.

SPECIFIC ELECTRICAL NOTES (THIS SHEET):

- RECEPTACLE FOR DRYER BLOWER, MOUNTED IN CEILING SPACE WITHIN 4 FEET OF BLOWER.



1 NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN - BUILDING C
1/4" = 1'-0"

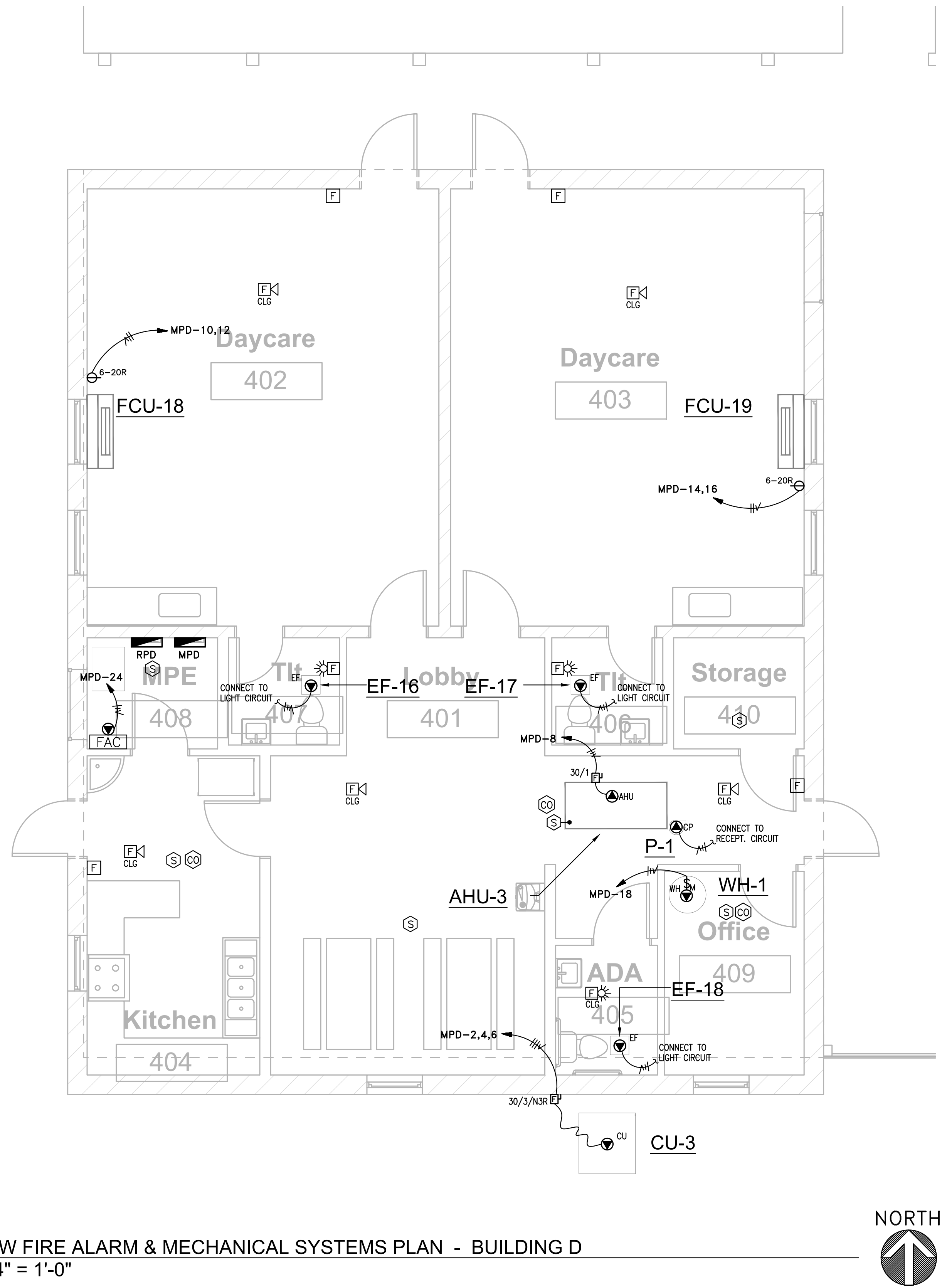


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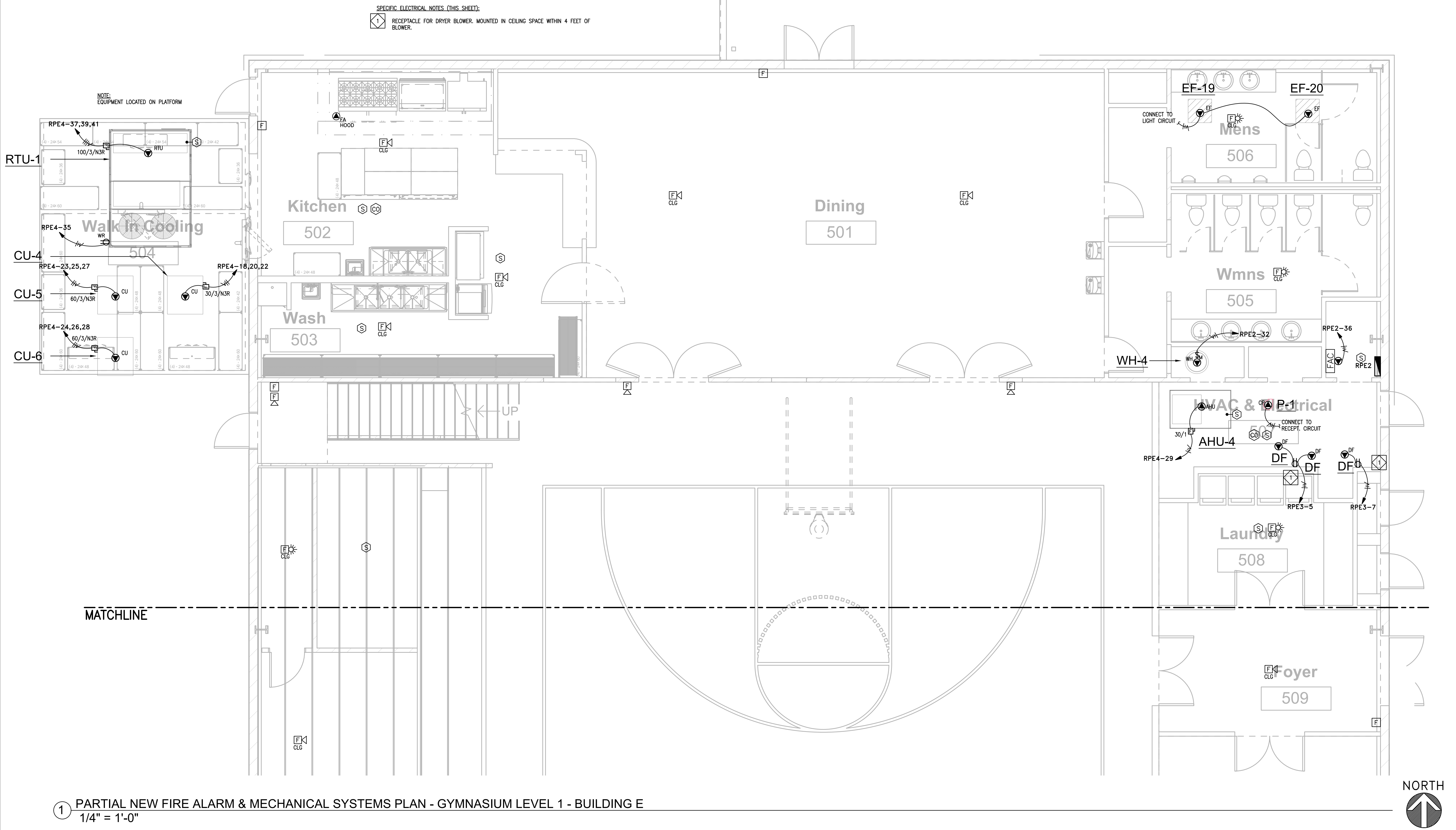
NEW FIRE ALARM & MECHANICAL
SYSTEMS PLAN
EAST BUILDING "C"

- GENERAL FIRE ALARM & MECHANICAL SYSTEMS NOTES:
1. ALL SMOKE DETECTORS WITHIN A DWELLING UNIT SHALL BE FIRE ALARM SYSTEMS DEVICES AND INTERLOCKED SO THAT OPERATION OF ANY SMOKE DETECTOR CAUSES THE ALARM IN ALL SMOKE DETECTORS TO SOUND.
 2. ALL SMOKE DETECTORS SHALL BE LOCATED MINIMUM 3FT AWAY FROM SUPPLY REGISTER AND ALL DOORS TO BATHROOMS. ALL SMOKE DETECTORS SHALL BE MOUNTED WITHIN 4" FROM SIDEWALL IN CEILING OR TOP TO BE BETWEEN 4" AND 12" FROM CEILING WALL MOUNTED DEVICES.



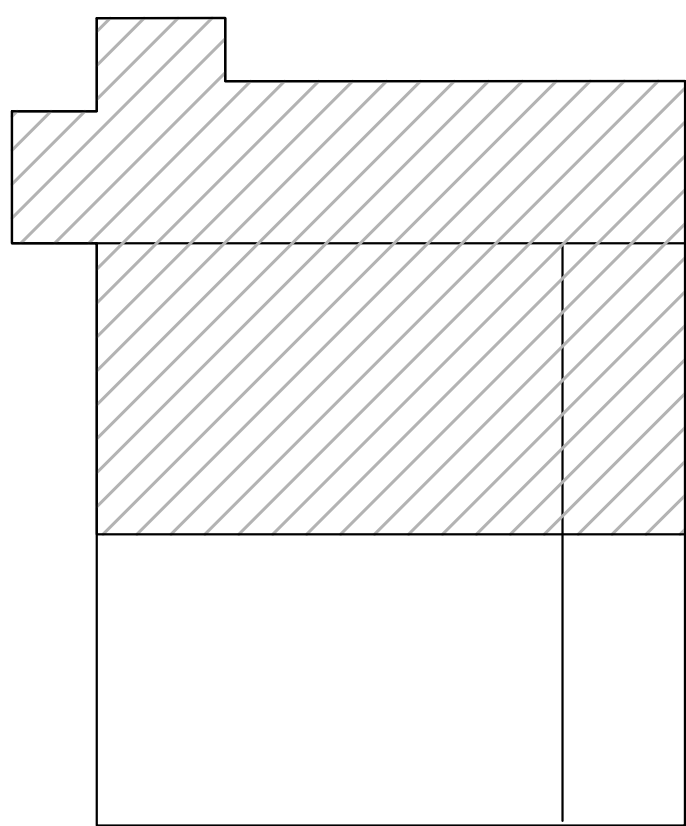
1 NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN - BUILDING D
1/4" = 1'-0"

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Revision	Rev Date
NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN SOUTH BUILDING "D"	



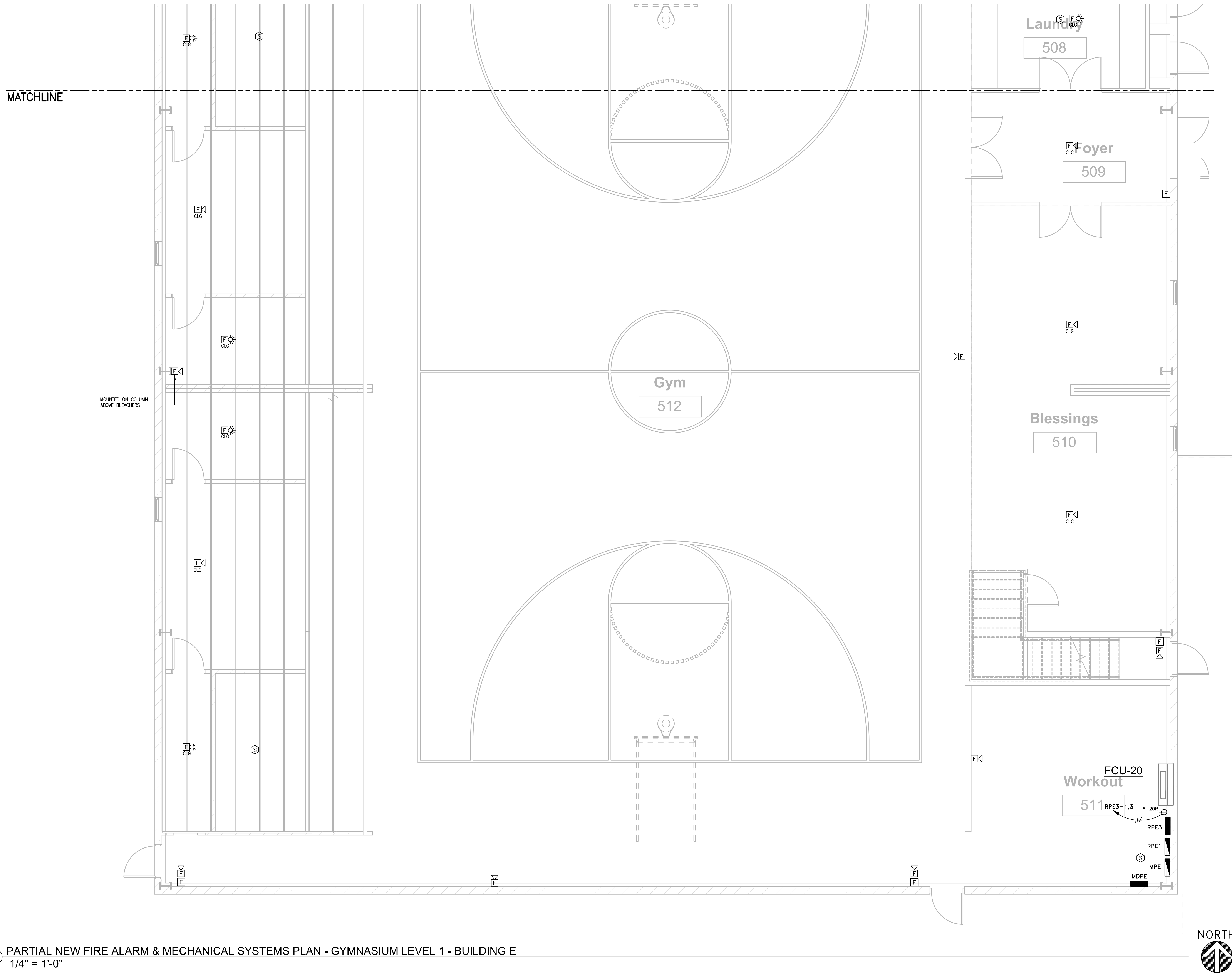
1 PARTIAL NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN - GYMNASIUM LEVEL 1 - BUILDING E
1/4" = 1'-0"

- GENERAL FIRE ALARM & MECHANICAL SYSTEMS NOTES:
- ALL SMOKE DETECTORS WITHIN A DWELLING UNIT SHALL BE FIRE ALARM SYSTEMS DEVICES AND INTERLOCKED SO THAT OPERATION OF ANY SMOKE DETECTOR CAUSES THE ALARM IN ALL SMOKE DETECTORS TO SOUND.
 - ALL SMOKE DETECTORS SHALL BE LOCATED MINIMUM 3FT AWAY FROM SUPPLY REGISTER AND ALL DOORS TO BATHROOMS. ALL SMOKE DETECTORS SHALL BE MOUNTED WITHIN 4' FROM SIDEWALL IN CEILING OR TOP TO BE BETWEEN 4" AND 12" FROM CEILING WALL MOUNTED DEVICES.



KEY PLAN

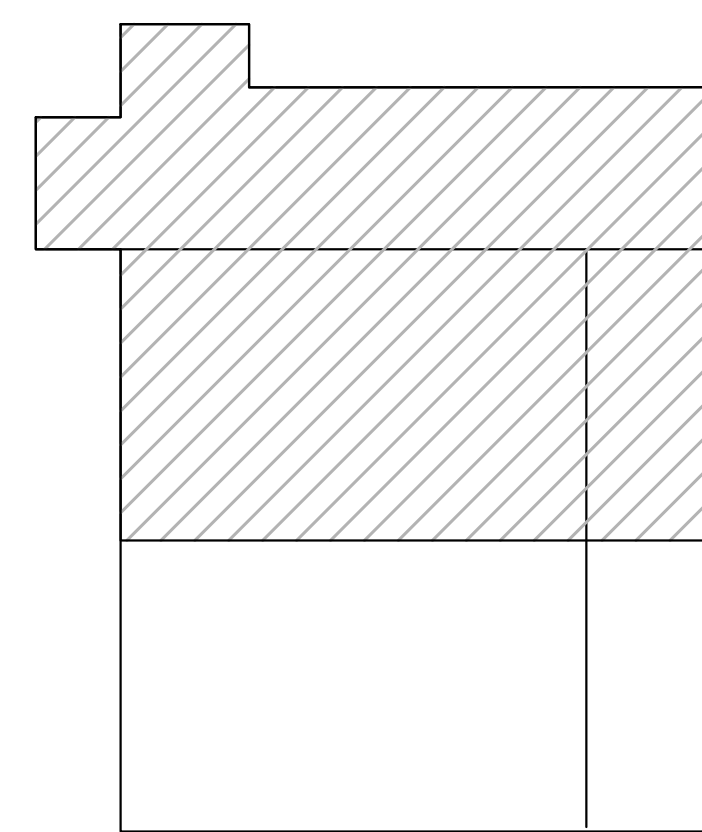
Revision	Rev Date



1 PARTIAL NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN - GYMNASIUM LEVEL 1 - BUILDING E
1/4" = 1'-0"

GENERAL FIRE ALARM & MECHANICAL SYSTEMS NOTES:

1. ALL SMOKE DETECTORS WITHIN A DWELLING UNIT SHALL BE FIRE ALARM SYSTEMS DEVICES AND INTERLOCKED SO THAT OPERATION OF ANY SMOKE DETECTOR CAUSES THE ALARM IN ALL SMOKE DETECTORS TO SOUND.
2. ALL SMOKE DETECTORS SHALL BE LOCATED MINIMUM 3FT AWAY FROM SUPPLY REGISTER AND ALL DOORS TO BATHROOMS. ALL SMOKE DETECTORS SHALL BE MOUNTED WITHIN 4' FROM SIDEWALL IN CEILING OR TOP TO BE BETWEEN 4" AND 12" FROM CEILING WALL MOUNTED DEVICES.



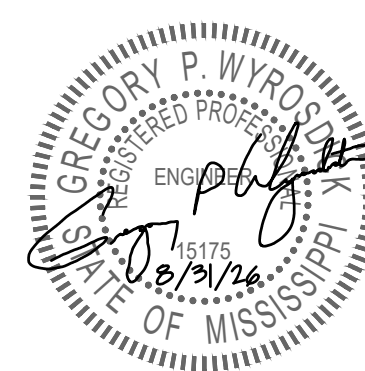
KEY PLAN

Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Learned Rd., Learned, MS 39154

Existing Remodel

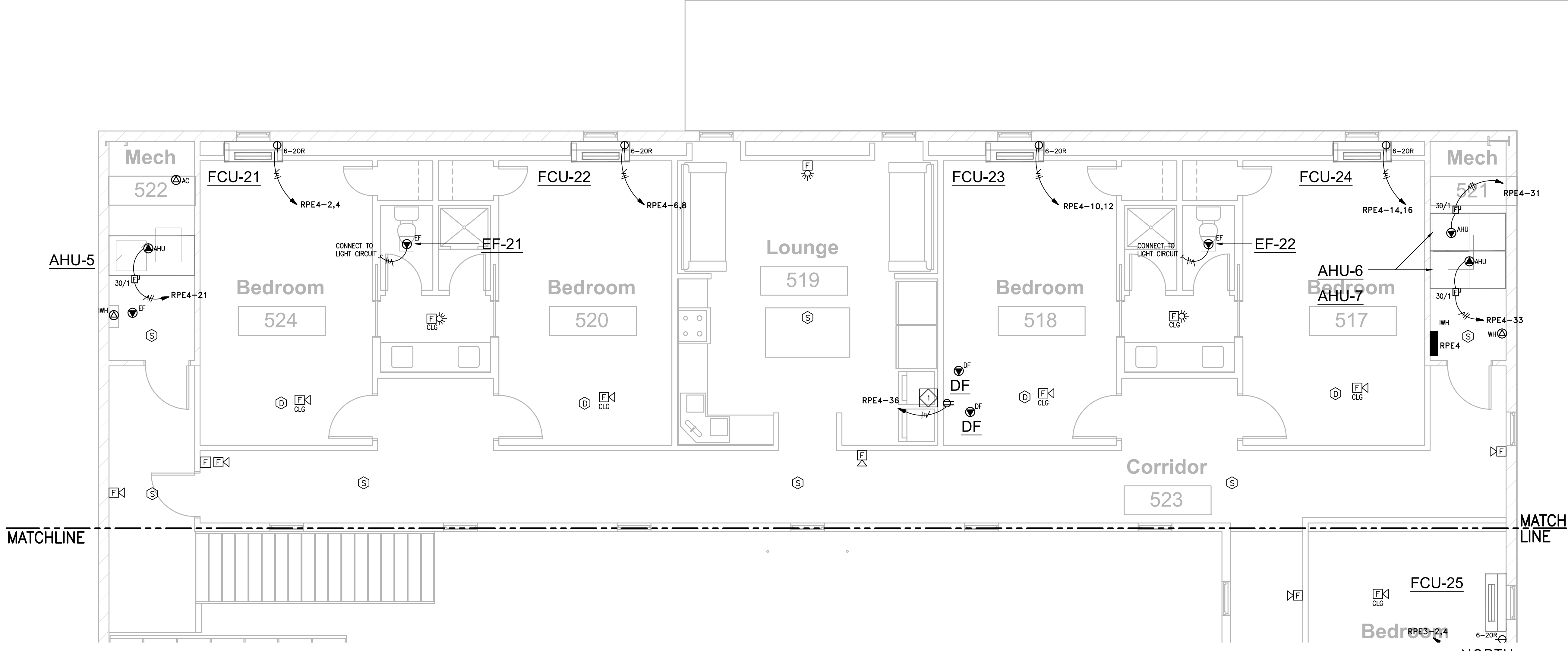


Construction Documents

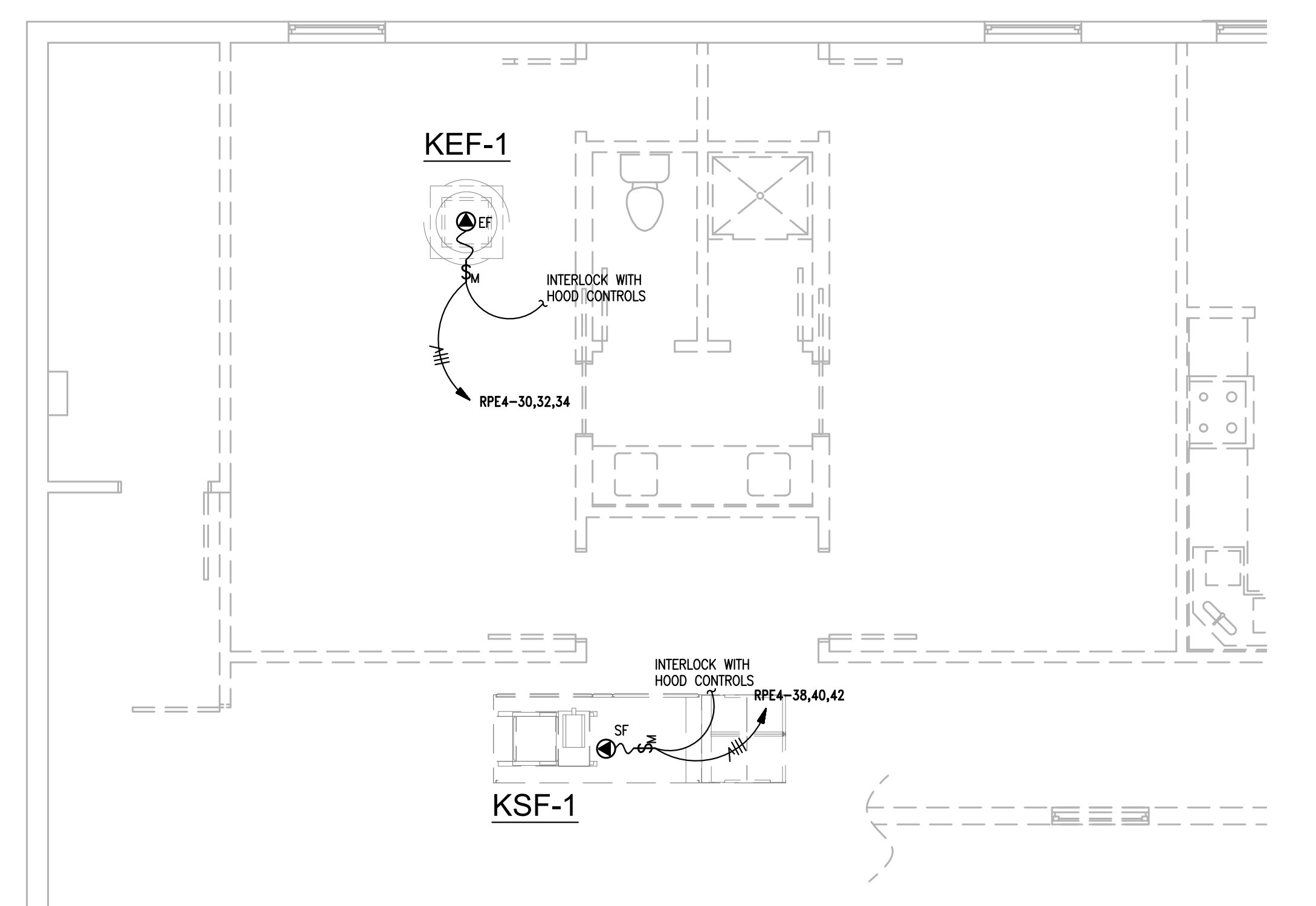
Revision	Rev Date
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NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN
GYMNASIUM "E"

E-405

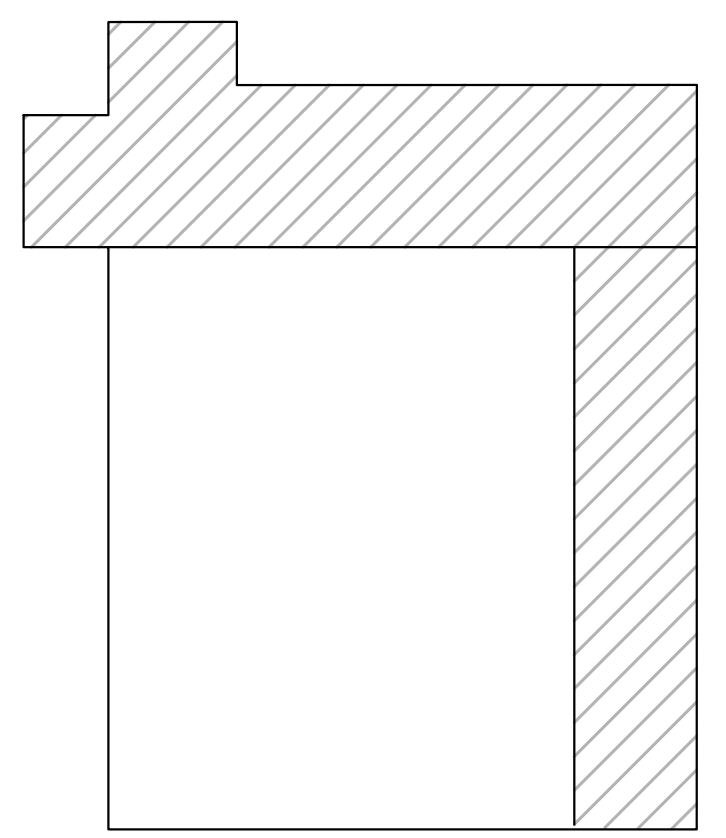


1 PARTIAL NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN - GYMNASIUM LEVEL 2 - BUILDING E
1/4" = 1'-0"

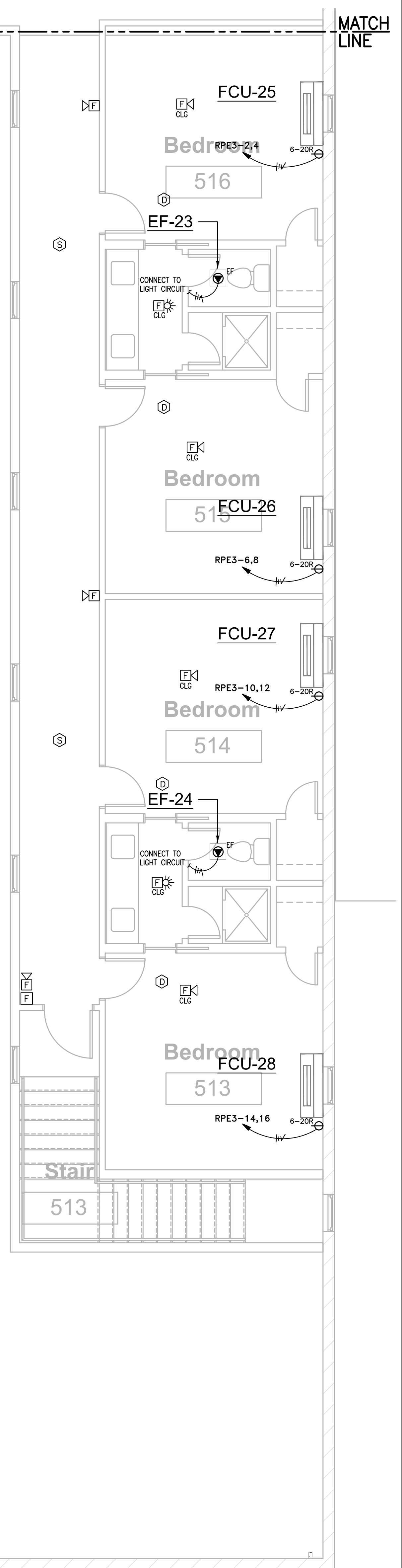


3 PARTIAL NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN - GYMNASIUM ROOF - BUILDING E
1/4" = 1'-0"

GENERAL FIRE ALARM & MECHANICAL SYSTEMS NOTES:
1. ALL SMOKE DETECTORS WITHIN A DWELLING UNIT SHALL BE FIRE ALARM SYSTEMS DEVICES AND INTERLOCKED SO THAT OPERATION OF ANY SMOKE DETECTOR CAUSES THE ALARM IN ALL SMOKE DETECTORS TO SOUND.
2. ALL SMOKE DETECTORS SHALL BE LOCATED MINIMUM 3FT AWAY FROM SUPPLY REGISTER AND ALL DOORS TO BATHROOMS. ALL SMOKE DETECTORS SHALL BE MOUNTED WITHIN 4' FROM SIDEWALL IN CEILING OR TOP TO BE BETWEEN 4" AND 12" FROM CEILING WALL MOUNTED DEVICES.



KEY PLAN



2 PARTIAL NEW FIRE ALARM & MECH. SYSTEMS PLAN - GYMNASIUM LEVEL 2 - BUILDING E
1/4" = 1'-0"



Mercy House Womens Campus

Project No 20241215001 Date 6/5/2026

5257 Leamed Rd., Leamed, MS 39154

Existing Remodel



Construction Documents

Revision Rev Date

NEW FIRE ALARM & MECHANICAL SYSTEMS PLAN GYMNASIUM "E"

E-406

NEW PANEL		BUSS: 225 AMP		VOLT: 120/208V, 3 PHASE, 4 WIRE						AIC RATING: 10,000			
MPB		MAINS: 225A M.B.		MOUNT: SURFACE, NEMA 1						LOCATION: ELECTRICAL 206			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)			LOAD (AMPS)			FEEDER	DESCRIPTION	BKR.	CKT.
				A	B	C	A	B	C				
1	20/2	FCU-1 (FAMILY ROOM 209)	2-12, 1-12G	9.83			9.83			2-12, 1-12G	FCU-8 (COMMUNITY ROOM 201)	20/2	2
3					9.83			9.83					4
5						9.83			9.83				
7	20/2	FCU-2 (FAMILY ROOM 211)	2-12, 1-12G	9.83			9.83			2-12, 1-12G	FCU-7 (FAMILY ROOM 210)	20/2	8
9					9.83			9.83					10
11						9.83			9.83				
13	20/2	FCU-4 (FAMILY ROOM 215)	2-12, 1-12G	9.83			9.83			2-12, 1-12G	FCU-5 (FAMILY ROOM 214)	20/2	14
15					9.83			9.83					16
17						21			19.6				19.6
19	40/3	CU-1	3-8, 1-10G	21			19.6			2-10, 1-10G	HP-1/MS-1	30/2	20
21					21			5					22
23						8			1.3				
25	20/1	AHU-1	2-12, 1-12G							2-12, 1-12G	SPARE	20/1	26
27	20/1	SPARE						6	SPARE		20/1	28	
29	20/1	SPARE							SPARE		20/1	30	
31											SPARE	20/1	32
33													34
35													36
37							15						38
39	100/3	NEW PANEL "RPB"	4-3, 1-8G	89.5			15			3-10, 1-10G	TVSS	30/3	40
41					84			15	15				42
						140.0	134.5	134.2	64.1				55.5
NOTES: 1. PROVIDE EXTERNAL TVSS										CONNECTED LOADS PER PHASE			
										A phase	204.1	amps	
										B phase	190.0	amps	
										C phase	189.7	amps	

NEW PANEL		BUSS: 225 AMP		VOLT: 120/208V, 3 PHASE, 4 WIRE							AIC RATING: 10,000				
MPC		MAINS: 225A M.B.		MOUNT: SURFACE, NEMA 1							LOCATION: LAUNDRY 308				
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)			LOAD (AMPS)			FEEDER	DESCRIPTION	BKR.	CKT.		
				A	B	C	A	B	C						
1	20/1	LIGHTS	2-12, 1-12G	16			12			2-12, 1-12G	EXTERIOR LIGHTS	20/1	2		
3	20/1A	FAMILY ROOM 304	2-12, 1-12G		5			10		2-12, 1-12G	FAMILY ROOM 304	20/1A	4		
5	20/1A	BUNK ROOM 305	2-12, 1-12G			13			12	2-12, 1-12G	FAMILY ROOM 306	20/1A	6		
7	20/1	SHOWER/LAUNDRY/MOP	2-12, 1-12G	7.52			3			2-12, 1-12G	DRINKING FOUNTAIN	20/1G	8		
9	20/1	WASHER	2-12, 1-12G		8			15		3-10, 1-10G	DRYER	30/2	10		
11	20/1A	FAMILY ROOM 310	2-12, 1-12G			5		15							
13	20/1A	FAMILY ROOM 310	2-12, 1-12G	10			5			2-12, 1-12G	FAMILY ROOM 311	20/1A	14		
15	20/1A	FAMILY ROOM 311	2-12, 1-12G		10			5		2-12, 1-12G	FAMILY ROOM 312	20/1A	16		
17	20/1A	FAMILY ROOM 312	2-12, 1-12G			10		5		2-12, 1-12G	FAMILY ROOM 313	20/1A	18		
19	20/1A	FAMILY ROOM 313	2-12, 1-12G	10			5			2-12, 1-12G	ADA ROOM 314	20/1A	20		
21	20/1A	ADA ROOM 314	2-12, 1-12G		10			4.5		2-12, 1-12G	CORRIDOR	20/1	22		
23	20/1	REFRIDGE	2-12, 1-12G			6			6	2-12, 1-12G	REFRIDGE	20/1	24		
25	20/1	KITCHEN 302, HD-2	2-12, 1-12G	5.5			3			2-12, 1-12G	KITCHEN 302	20/1	26		
27	20/1	KITCHEN 302	2-12, 1-12G		3			7.5		2-12, 1-12G	COMMUNITY ROOM 301	20/1	28		
29	50/2	RANGE	3-8, 1-10G			25			5	2-12, 1-12G	WATER HEATER	20/1	30		
31					25			9.83							
33	40/3	CU-2	3-8, 1-10G		21			9.83		2-12, 1-12G	FCU-17 (COMMUNITY ROOM 301)	20/2	32		
35						21							9.83		
37	20/1	AHU-2	2-12, 1-12G		8			9.83		2-12, 1-12G	FCU-16 (ADA ROOM 314)	20/2	34		
39	20/1	FCU-9 (FAMILY ROOM 304)	2-12, 1-12G			9.83			9.83						
41	20/2	FCU-9 (FAMILY ROOM 304)	2-12, 1-12G	9.83			9.83			2-12, 1-12G	FCU-15 (FAMILY ROOM 313)	20/2	36		
43									9.83						
45	20/2	FCU-10 (BUNK ROOM 305)	2-12, 1-12G		9.83			9.83		2-12, 1-12G	FCU-14 (FAMILY ROOM 312)	20/2	38		
47						9.83			0.6						
49	20/2	FCU-11 (FAMILY ROOM 306)	2-12, 1-12G	9.83			6			2-12, 1-12G	DRYER BLOWER (DF)	20/1	40		
51					9.83			6		2-12, 1-12G	TBCC	20/1	50		
53	20/2	FCU-12 (FAMILY ROOM 310)	2-12, 1-12G							2-12, 1-12G	FAC	20/1	52		
55				9.83									54		
57	20/2	FCU-13 (FAMILY ROOM 311)	2-12, 1-12G		9.83								56		
59								9.83							
61	20/1	SPARE											58		
63	20/1	SPARE											60		
65	20/1	SPARE											62		
67	20/1	SPARE					15			3-10, 1-10G	TVSS	30/3	64		
69	20/1	SPARE						15							
71	20/1	SPARE						15							
				124.5	94.5	119.3	78.5	92.5	79.3				66		
NOTES: 1. PROVIDE EXTERNAL TVSS 2. "A" - PROVIDE ARC FAULT BREAKER 3. "G" - PROVIDE GFCI BREAKER										CONNECTED LOADS PER PHASE					
										A phase	203.0		amps		
										B phase	187.0		amps		
										C phase	197.6		amps		

EXISTING PANEL		BUSS: 400 AMP		VOLT: 120/208V, 3 PHASE, 4 WIRE						AIC RATING: 35,000			
MPE		MAINS: 400A M.B.		MOUNT: SURFACE, NEMA 1						LOCATION: WORKOUT 511			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)			LOAD (AMPS)			FEEDER	DESCRIPTION	BKR.	CKT.
				A	B	C	A	B	C				
1												2	
3					15			10				4	
5	30/2E	EXISTING EQUIPMENT	EXISTING			15			10	EXISTING	EXISTING EQUIPMENT	20/2E	6
7				20				20				8	
9	40/3E	EXISTING EQUIPMENT	EXISTING		20			20		EXISTING	EXISTING EQUIPMENT	40/3E	10
11						20			20			12	
13												14	
15	125/3E	SPARE									SPARE	125/3E	16
17												18	
19				184				113				20	
21	200/3E	EXISTING PANEL "RPE1"	EXISTING		162			99.2		EXISTING	EXISTING PANEL "RPE2"	200/3E	22
23						171			115			24	
				203.5	196.5	206.0	133.1	129.2	145.0				
NOTES: 1. EXISTING PANEL IS SIEMENS, P3 PANELBOARD 2. "E" - EXISTING BREAKER TO REMAIN 3. "N" - PROVIDE NEW BREAKER										CONNECTED LOADS PER PHASE			
										A phase	336.6	amps	
										B phase	325.7	amps	
										C phase	351.0	amps	

NEW PANEL		BUSS: 100 AMP		VOLT: 120/208V, 3 PHASE, 4 WIRE							AIC RATING: 10,000			
RPB		MAINS: M.L.O.		MOUNT: SURFACE, NEMA 1							LOCATION: ELECTRICAL 206			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)			LOAD (AMPS)			FEEDER	DESCRIPTION	BKR.	CKT.	
				A	B	C	A	B	C					
1	20/1	LIGHTS (FIRST FLOOR)	2-12, 1-12G	15			10			2-12, 1-12G	EXTERIOR LIGHTS	20/1	2	
3	20/1	TOILET/SHOWER/JAN.	2-12, 1-12G		4.5		3.5			2-12, 1-12G	FAMILY ROOM 209	20/1A	4	
5	20/1A	FAMILY ROOM 209	2-12, 1-12G			10			4	2-12, 1-12G	FAMILY ROOM 211	20/1A	6	
7	20/1A	FAMILY ROOM 211	2-12, 1-12G	10.5			4			2-12, 1-12G	FAMILY ROOM 213	20/1A	8	
9	20/1A	FAMILY ROOM 213	2-12, 1-12G		10.5		4			2-12, 1-12G	FAMILY ROOM 215	20/1A	10	
11	20/1A	FAMILY ROOM 215	2-12, 1-12G			7.5			8	2-12, 1-12G	WASHER	20/1	12	
13	20/1A	FAMILY ROOM 214	2-12, 1-12G	9			4			2-12, 1-12G	FAMILY ROOM 212	20/1A	14	
15	20/1A	KITCHEN 208, HD-1	2-12, 1-12G		5.5		4			2-12, 1-12G	FAMILY ROOM 210	20/1A	16	
17	20/1A	FAMILY ROOM 210	2-12, 1-12G			10			5	2-12, 1-12G	ELEC/LAUNDRY/P-1/KITCHEN	20/1	18	
19	20/1	FAMILY ROOM 214	2-12, 1-12G	4			15			3-10, 1-10G	DRYER	30/2	20	
21	20/1	REFRIDGE	2-12, 1-12G		6			15				22		
23	20/1	REFRIDGE	2-12, 1-12G			6			10	2-12, 1-12G	FAMILY ROOM 212	20/1A	24	
25	20/1	KITCHEN 208	2-12, 1-12G	4.5			7.5			2-12, 1-12G	COMMUNITY ROOM 201	20/1A	26	
27	50/2	RANGE	3-8, 1-10G		25			6		2-12, 1-12G	CORRIDOR 202	20/1A	28	
29						25						SPARE	20/1	30
31	20/1	TCBB	2-12, 1-12G	6							SPARE	20/1	32	
33	20/1	SPARE									SPARE	20/1	34	
35	20/1	SPARE											36	
37	20/1	SPARE											38	
39													40	
41													42	
				49.0	51.5	58.5	40.5	32.5	27.0					
NOTES: 1. "A" - PROVIDE ARC FAULT BREAKER 2. "G" - PROVIDE GFCI BREAKER CONNECTED LOADS PER PHASE										A phase	89.5		amps	
										B phase	84.0		amps	
										C phase	85.5		amps	

EXISTING PANEL		BUSS: 250 AMP		VOLT: 120/208V, 3 PHASE, 4 WIRE							AIC RATING: 10,000			
RPE1		MAINS: M.L.O.		MOUNT: SURFACE, NEMA 1							LOCATION: WORKOUT 511			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)			LOAD (AMPS)			FEEDER	DESCRIPTION	BKR.	CKT.	
				A	B	C	A	B	C					
1	20/1E	EXISTING RECEPTS.	EXISTING	6			6			EXISTING	EXISTING RECEPTS.	20/1E	2	
3	20/1E	EXISTING RECEPTS.	EXISTING		6			6		EXISTING	EXISTING RECEPTS.	20/1E	4	
5	20/1E	EXISTING LIGHTS	EXISTING			6			6	EXISTING	EXISTING LIGHTS	20/1E	6	
7	20/1E	EXISTING EX. FAN, RECEPTS.	EXISTING	6			15			EXISTING	EXISTING HEATER	30/2E	8	
9	20/1E	EXISTING SCOREBOARD	EXISTING		6			15						
11	20/1E	EXISTING RECEPTS.	EXISTING			6			15	EXISTING	EXISTING HEATER	30/2E	12	
13	20/2E	EXISTING LIGHTS	EXISTING	6				15						
15							6				3		2-12, 1-12G	REC (HVAC & ELECTRICAL)
17	20/2E	EXISTING LIGHTS	EXISTING			6			10	2-12, 1-12G	W/D COMBO (LAUNDRY)	20/1N	18	
19						6				10		2-12, 1-12G	W/D COMBO (LAUNDRY)	20/1N
21	20/1N	SPARE							10	2-12, 1-12G	W/D COMBO (LAUNDRY)	20/1N	22	
23	20/1N	SPARE							10	2-12, 1-12G	W/D COMBO (LAUNDRY)	20/1N	24	
25	20/1N	REC. (LAUNDRY)	2-12, 1-12G	3			80			EXISTING	EXISTING EQUIPMENT	100/3E	26	
27	20/1N	REC. (FOYER, BLESSINGS)	2-12, 1-12G		9			80						
29	20/1N	REC. (BLESSINGS)	2-12, 1-12G			4.5			80					
31	20/1N	REC. (BLESSINGS)	2-12, 1-12G	7.5			10			2-12, 1-12G	BEDROOM 516	20/1N	32	
33	20/1N	REC. (WORKOUT)	2-12, 1-12G			4.5		5		2-12, 1-12G	BEDROOM 516/515 BATH	20/1N	34	
35	20/1N	REC. (WORKOUT)	2-12, 1-12G				4.5		10	2-12, 1-12G	BEDROOM 515	20/1N	36	
37	20/1N	REC. (WORKOUT)	2-12, 1-12G	3				10		2-12, 1-12G	BEDROOM 514	20/1N	38	
39	20/1N	REC. (SECOND FLOOR CORR.)	2-12, 1-12G			6			5	2-12, 1-12G	BEDROOM 514/513 BATH	20/1N	40	
41	20/1N	LIGHTS (SECOND FLOOR CORR.)	2-12, 1-12G				3		10	2-12, 1-12G	BEDROOM 513	20/1N	42	
					37.5	37.5	30.0		146.0	124.0	141.0			
NOTES: 1. EXISTING PANEL IS SIEMENS, P2 PANELBOARD 2. "E" - EXISTING BREAKER TO REMAIN 3. "N" - PROVIDE NEW BREAKER										CONNECTED LOADS PER PHASE				
										A phase	183.5		amps	
										B phase	161.5		amps	
										C phase	171.0		amps	

NEW PANEL		BUSS: 225 AMP		VOLT: 120/208V, 3 PHASE, 4 WIRE							AIC RATING: 10,000			
RPE3		MAINS: M.L.O.		MOUNT: SURFACE, NEMA 1							LOCATION: WORKOUT 511			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)			LOAD (AMPS)			FEEDER	DESCRIPTION	BKR.	CKT.	
				A	B	C	A	B	C					
1	20/2	FCU-20 (WORKOUT 511)	2-12, 1-12G	9.83			9.83			2-12, 1-12G	FCU-25 (BEDROOM 516)	20/2	2	
3					9.83			9.83					4	
5	20/1	DRYER BLOWER (DF)	2-12, 1-12G			2.6			9.83	2-12, 1-12G	FCU-26 (BEDROOM 515)	20/2	6	
7	20/1	DRYER BLOWER (DF)	2-12, 1-12G	1.3				9.83	8					
9	20/1	SPARE							9.83	2-12, 1-12G	FCU-27 (BEDROOM 514)	20/2	10	
11	20/1	SPARE							9.83				12	
13	20/1	SPARE					9.83			2-12, 1-12G	FCU-28 (BEDROOM 513)	20/2	14	
15	20/1	SPARE						9.83					16	
17	20/1	SPARE									SPARE	20/1	18	
19	20/1	SPARE									SPARE	20/1	20	
21	20/1	SPARE									SPARE	20/1	22	
23	20/1	SPARE									SPARE	20/1	24	
25													26	
27													28	
29													30	
31													32	
33													34	
35													36	
37													38	
39													40	
41													42	
				11.1	9.8	2.6		29.5	29.5	19.7				
CONNECTED LOADS PER PHASE										A phase	40.6		amps	
										B phase	39.3		amps	
										C phase	22.3		amps	

EXISTING PANEL		BUSS: 250 AMP		VOLT: 120/208V, 3 PHASE, 4 WIRE							AIC RATING: 10,000			
RPE2		MAINS: M.L.O.		MOUNT: SURFACE, NEMA 1							LOCATION: ELECTRICAL ROOM			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)			LOAD (AMPS)			FEEDER	DESCRIPTION	BKR.	CKT.	
				A	B	C	A	B	C					
1	20/1E	LIGHTS (FIRST FLOOR)	2-12, 1-12G	15			10			2-12, 1-12G	LIGHTS (SECOND FLOOR)	20/1N	2	
3	20/1G	DRINKING FOUNTAIN	2-12, 1-12G		3			7.7		2-12, 1-12G	CONV. OVEN, GAS (KITCHEN)	20/1N	4	
5	20/1G	DRINKING FOUNTAIN	2-12, 1-12G			3				-	-	ST	6	
7	20/1E	DINING 501	2-12, 1-12G	4.5			15			2-12, 1-12G	GRIDDLE 48", GAS (KITCHEN)	20/1N	8	
9	20/1E	DINING 501	2-12, 1-12G		4.5					-	-	ST	10	
11	20/1E	HOOD CONTROLS (KITCHEN)	2-12, 1-12G			15			15	2-12, 1-12G	BURNER RANGE, GAS (KITCHEN)	20/1N	12	
13	20/1E	DROP CORD (KITCHEN)	2-12, 1-12G	15						-	-	ST	14	
15	20/1E	DROP CORD (KITCHEN)	2-12, 1-12G		15			20		2-10, 1-10G	EXHAUST HOOD (KITCHEN)	30/2	16	
17	20/1E	CONVIENCE OUTLET (KITCHEN)	2-12, 1-12G			15			20				18	
19	20/1E	ICE MAKER (KITCHEN)	2-12, 1-12G	10.6			15			2-12, 1-12G	LIGHTS/CONTROLS (WALK IN)	20/1N	20	
21	20/1E	WALK IN COOLER (COIL)	2-12, 1-12G		1			10		2-10, 1-10G	WALK IN COOLER (COND.)	30/2N	22	
23						3			10				24	
25	20/2N	WALK IN FREEZER (COIL)	2-12, 1-12G		3		10						26	
27	20/1N	MENS 506, WMNS 505	2-12, 1-12G		9			10		2-10, 1-10G	WALK IN FREEZER (COND.)	30/2N	28	
29	20/1N	BEDROOM 524	2-12, 1-12G			6.5			3	2-12, 1-12G	RECEPTACLES (KITCHEN)	20/1N	30	
31	20/1N	BEDROOM 524/520 BATH	2-12, 1-12G	5			5			2-12, 1-12G	WATER HEATER	20/1N	32	
33	20/1N	BEDROOM 520	2-12, 1-12G		6.5			6		2-12, 1-12G	TBCC	20/1N	34	
35	20/1N	BEDROOM 518	2-12, 1-12G			6.5		6		2-12, 1-12G	FAC	20/1N	36	
37	20/1N	BEDROOM 518/517 BATH	2-12, 1-12G	5							SPARE	20/1N	38	
39	20/1N	BEDROOM 517	2-12, 1-12G		6.5						SPARE	20/1N	40	
41	20/1N	MECH 522 & CORRIDOR 523	2-12, 1-12G			6			6	2-12, 1-12G	MECH 521 & CORRIDOR 523	20/1N	42	
				58.1	45.5	55.0		55.0	53.7	60.0				
NOTES: 1. EXISTING PANEL IS SIEMENS, P2 PANELBOARD 2. "E" - EXISTING BREAKER TO REMAIN 3. "N" - PROVIDE NEW BREAKER 4. "ST" - PROVIDE NEW SHUNT TRIP BREAKER 5. "G" - PROVIDE NEW GFCI BREAKER										CONNECTED LOADS PER PHASE				
										A phase	113.1		amps	
										B phase	99.2		amps	
										C phase	115.0		amps	

NEW PANEL		BUSS: 400 AMP		VOLT: 120/208V, 3 PHASE, 4 WIRE								AIC RATING: 10,000			
RPE4		MAINS: M.L.O.		MOUNT: SURFACE, NEMA 1								LOCATION: MECH 521			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)			LOAD (AMPS)			FEEDER	DESCRIPTION	BKR.	CKT.		
				A	B	C	A	B	C						
1	20/1	LOUNGE 519	2-12, 1-12G	6			9.83			2-12, 1-12G	FCU-21 (BEDROOM 524)	20/2	2		
3	20/1	LOUNGE 519 (COUNTER)	2-12, 1-12G		3			9.83					4		
5	20/1	LOUNGE 519 (ISLAND)	2-12, 1-12G			3			9.83	2-12, 1-12G	FCU-22 (BEDROOM 520)	20/2	6		
7	20/1	LOUNGE 519 REC & HD-4	2-12, 1-12G	5.5			9.83						8		
9	20/1	LOUNGE (FRIDGE)	2-12, 1-12G		10			9.83		2-12, 1-12G	FCU-23 (BEDROOM 518)	20/2	10		
11	20/1	LOUNGE (FRIDGE)	2-12, 1-12G			10			9.83				12		
13	20/1	LOUNGE (W/D COMBO)	2-12, 1-12G	15			9.83			2-12, 1-12G	FCU-24 (BEDROOM 517)	20/2	14		
15	20/1	LOUNGE (W/D COMBO)	2-12, 1-12G		15			9.83					16		
17	50/2	REC. - RANGE	3-8, 1-10G			25			17	3-10, 1-10G	CU-4	30/3	18		
19				20											
21	20/1	AHU-5	2-12, 1-12G		8			17					22		
23	40/3	CU-5	3-8, 1-10G			21			35	3-8, 1-10G	CU-6	50/3	24		
25				26											
27				28											
29	20/1	AHU-4	2-12, 1-12G			8			7.5	3-12, 1-12G	KEF-1 (FAN UNIT 1)	20/3	30		
31	20/1	AHU-6	2-12, 1-12G	8				7.5					32		
33	20/1	AHU-7	2-12, 1-12G		8			7.5					34		
35	20/1	HVAC RECEPTACLE	2-12, 1-12G			1.5			1.3	2-12, 1-12G	DRYER BLOWER (DF)	20/1	36		
37	100/3	RTU-1	3-3, 1-8G		77.3		6			3-12, 1-12G	KSF-1 (FAN UNIT 2)	20/3	38		
39					77.3		6		40						
41						77.3		6					42		
43	20/1	SPARE									SPARE	20/1	44		
45	20/1	SPARE									SPARE	20/1	46		
47	20/1	SPARE									SPARE	20/1	48		
49													50		
51													52		
53													54		
55													56		
57													58		
59													60		
				107.8	142.3	145.8	95.0	95.0	86.5						
CONNECTED LOADS PER PHASE										A phase	252.8		amps		
										B phase	237.3		amps		
										C phase	232.3		amps		



Building B Community Room



Building B Community Room



Building B Typical Guest Suite



Building B Typical Guest Bath



Building B Community Room



Building C Community Room



Building C Community Room



Building C Typical Guest Suite



Building C Typical Guest Bath

INTERIOR DESIGN NARRATIVE

The proposed interior design for the Mercy House Women's Campus has been developed to create a warm, welcoming, and restorative environment that promotes healing, dignity, and community. The design moves away from an institutional aesthetic in favor of a residential atmosphere that provides comfort while remaining durable and functional for everyday use.

The community gathering spaces are envisioned as the heart of each residential building, encouraging fellowship, shared meals, group activities, and informal interaction among residents. Natural wood tones, soft neutral finishes, warm lighting, and comfortable furnishings combine to create inviting spaces that foster connection and a sense of home. Open floor plans maximize visibility, flexibility, and accessibility while allowing the kitchen, dining, and living areas to function as one cohesive gathering space.

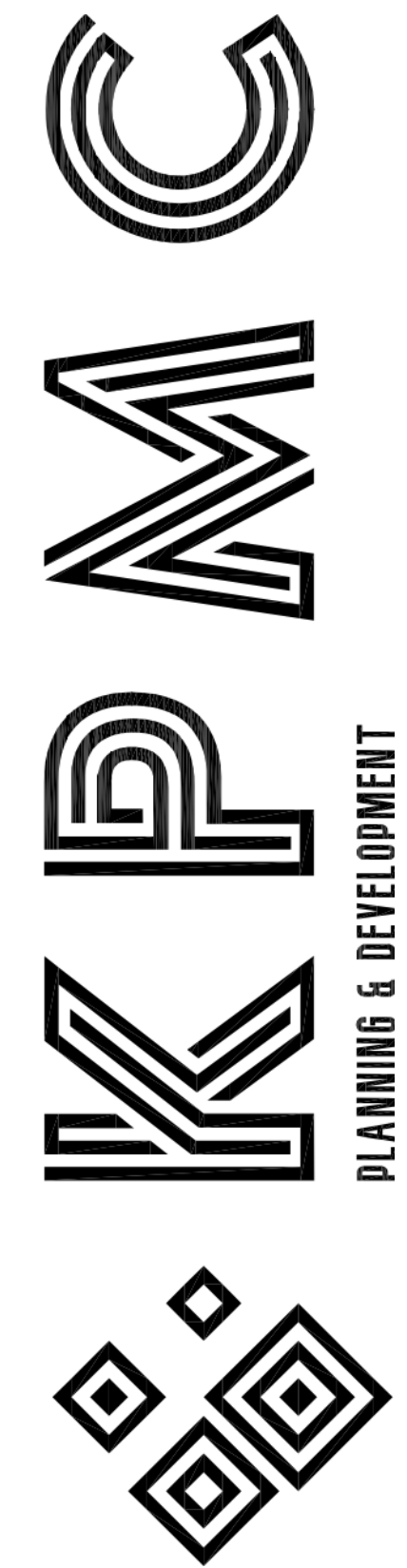
Guest suites are designed to provide residents with private, comfortable accommodations that support rest, study, and personal reflection. Each suite incorporates durable yet residential materials, generous natural daylight, dedicated study areas, and thoughtfully selected furnishings to create a peaceful environment conducive to recovery and personal growth.

Bathrooms continue the warm contemporary aesthetic through clean detailing, durable finishes, and low-maintenance fixtures while emphasizing accessibility, functionality, and long-term performance.

Throughout the campus, the material palette emphasizes natural textures, warm wood finishes, neutral colors, stone-inspired surfaces, and carefully selected lighting to create spaces that feel safe, calming, and uplifting. Large windows and connections to the surrounding landscape reinforce the therapeutic relationship between the built environment and nature while providing abundant daylight and views throughout the residential areas.

The overall design reflects Mercy House's mission by providing a residential environment that promotes healing, community, independence, and hope while supporting the long-term needs of both residents and staff.

Mercy House Womens Campus



Construction Documents

Revision # Rev Date

Interior Renderings B&C

RI101



Manufacturer: Formica Corporation
Product: Abisko Oak
Material: High Pressure Laminate (HPL)
Description:
A contemporary wood-grain high-pressure laminate inspired by Scandinavian white oak, featuring soft natural tones and a subtle linear grain pattern. Selected to complement the project's warm neutral palette while providing the warmth of natural wood with exceptional durability, stain resistance, and ease of maintenance for high-traffic commercial environments.
Typical Size: 48 in. × 96 in. sheets (larger sheet sizes available)
Thickness: 0.048 in. (1.2 mm) standard HPL
Finish: Natural wood-grain texture
Typical Applications: Cabinet faces, casework, shelving, furniture, wall panels, and interior millwork.
Installation: Factory or field laminated to MDF, particleboard, or plywood substrate using contact adhesive or PVA adhesive in accordance with manufacturer's recommendations. Exposed edges to receive matching laminate edge banding or approved wood edge treatment.



Manufacturer: Shaw Contract
Product: Branching Out® 5.0 mm – Riverside Oak (Color 56140)
Material: Luxury Vinyl Tile (LVT)
Description:
A heavy commercial luxury vinyl plank flooring featuring a warm natural oak appearance with subtle wood grain and slight color variation. The Riverside Oak finish provides the timeless character of natural hardwood while offering exceptional durability, moisture resistance, and ease of maintenance. Selected to create a warm, residential atmosphere throughout the Mercy House Women's Campus while meeting the performance requirements of high-traffic community spaces and guest suites.
Typical Plank Size: 6 in. × 48 in. (152 × 1219 mm)
Overall Thickness: 5.0 mm with 20 mil (0.51 mm) wear layer
Finish: ExoGuard® commercial urethane finish with embossed wood texture and squared edges.
Typical Applications: Community rooms, corridors, guest suites, offices, dining areas, and other interior commercial spaces.
Installation: Direct-glue installation over properly prepared, clean, dry, and level concrete or approved wood subfloors using Shaw-approved adhesives. Planks may be installed in staggered, brick, ashlar, or herringbone patterns as indicated on the drawings or by the interior designer.



Manufacturer: Shaw Contract
Product: Brush Tile® – Balance (Color 05429)
Material: Modular Carpet Tile
Description:
A premium commercial carpet tile featuring a subtle organic pattern inspired by natural brush strokes and layered textures. The Balance colorway blends warm neutral tones with soft tonal variation to create a calming, residential aesthetic while providing excellent durability for commercial environments. Selected to enhance comfort, improve acoustics, and complement the project's warm interior palette in community gathering spaces and guest suites.
Typical Tile Size: 18 in. × 36 in. (457 × 914 mm)
Construction: Multi-level patterned loop carpet tile with solution-dyed nylon fiber and EcoWorx® backing.
Finish: Solution-dyed, stain-resistant fiber with integrated soil protection for long-term appearance retention.
Typical Applications: Community rooms, guest suites, corridors, offices, meeting spaces, lounges, and other interior commercial environments.
Installation: Install over properly prepared substrates using manufacturer-approved pressure-sensitive adhesive. Tiles to be installed in an ashlar pattern unless otherwise indicated on the drawings.



Manufacturer: STONEMARK® by MSI
Surfaces
Product: Calacatta Cinela
Material: Engineered Quartz
Description:
A premium engineered quartz surface featuring a crisp white background accented by soft gray veining with subtle warm undertones inspired by natural Calacatta marble. Selected to provide a timeless, elegant appearance while offering superior durability, stain resistance, and low maintenance. The clean, contemporary aesthetic complements the project's warm residential palette and provides a bright, refined finish for kitchens, bathrooms, and gathering spaces.
Typical Slab Size: Approximately 63 in. × 126 in.
Thickness: 2 cm (¾ in.) or 3 cm (1¼ in.), as indicated.
Finish: Polished, non-porous surface with consistent color and veining.
Typical Applications: Kitchen countertops, bathroom vanities, serving counters, transaction tops, window sills, and other interior horizontal surfaces.
Installation: Fabricate and install in accordance with manufacturer's recommendations. Provide eased edges unless otherwise noted. Install over properly supported cabinetry with mechanically fastened and adhered seams where required. Seal joints with color-matched, mildew-resistant sealant at adjacent walls, backsplashes, and plumbing fixtures.

INTERIOR FINISH SELECTIONS

The proposed interior finish palette has been developed to create a warm, welcoming, and residential environment that reflects Mercy House's mission of healing, restoration, and community. Natural wood tones, soft neutral cabinetry, durable commercial flooring, textured carpet, and elegant quartz surfaces have been carefully selected to balance aesthetics, performance, and long-term maintenance. The overall material palette is intended to create spaces that feel calm, comfortable, and timeless while avoiding an institutional appearance. Durable commercial-grade products have been selected throughout to provide longevity, ease of maintenance, moisture resistance, and exceptional performance in high-use environments. The combination of warm wood finishes, soft matte cabinetry, textured carpet, and light stone surfaces creates visual warmth while maintaining a clean and contemporary character.

Material Considerations

Luxury Vinyl Plank (LVT) Flooring

- Advantages:** Highly durable, moisture resistant, easy to clean, economical to maintain, and provides the appearance of natural wood.
- Considerations:** Less acoustic absorption than carpet and may feel firmer underfoot.

Carpet Tile

- Advantages:** Improves acoustics, provides comfort underfoot, individual tiles can be replaced if damaged, and offers excellent long-term maintenance flexibility.
- Considerations:** Requires routine vacuuming and periodic deep cleaning in high-traffic areas.

High Pressure Laminate (HPL)

- Advantages:** Extremely durable, impact resistant, economical, and well suited for high-use commercial millwork.
- Considerations:** Exposed edges should be protected from impact and cannot be refinished like natural wood.

Thermally Fused Laminate (TFL) Cabinetry

- Advantages:** Clean contemporary appearance, highly durable finish, economical, low maintenance, and excellent color consistency.
- Considerations:** Best suited for vertical cabinet applications and should be protected from excessive edge impacts.

Engineered Quartz

- Advantages:** Non-porous, stain resistant, highly durable, requires no sealing, and provides a refined appearance with minimal maintenance.
- Considerations:** Premium material with a higher initial cost than laminate surfaces and should not be subjected to excessive direct heat.

Preliminary Finish Selection Disclaimer

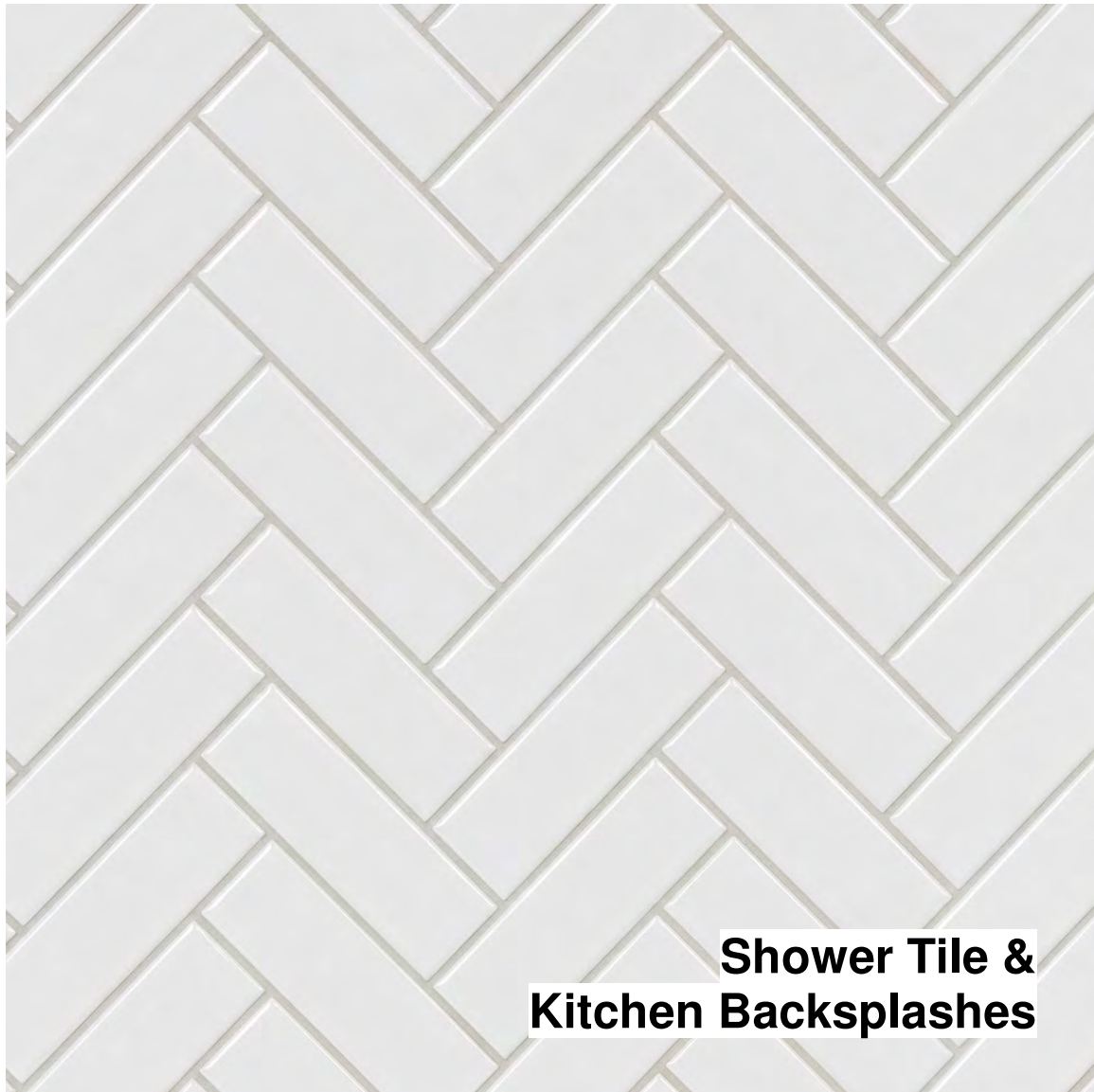
The finishes shown on this page represent the current design direction and are intended to establish the overall material palette and aesthetic character of the project. Final finish selections remain subject to review of full-size manufacturer samples, mockups, product availability, lead times, budget considerations, and Owner feedback. Minor adjustments to colors, textures, manufacturers, or specific products may be made during subsequent phases of design while maintaining the overall design intent. Owner input at this stage is encouraged to confirm the desired direction before final specifications are prepared.



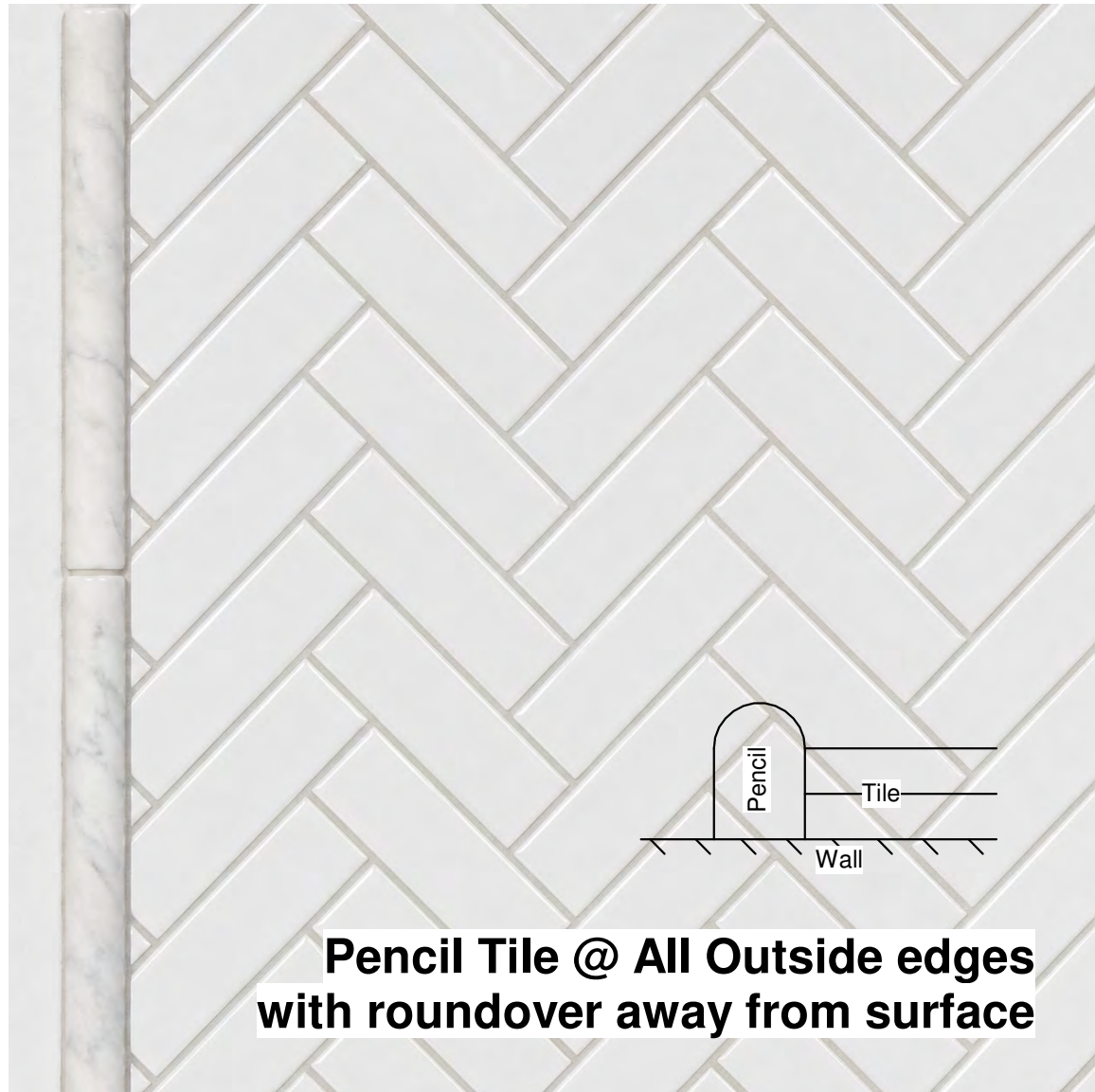
Manufacturer: The RTA Store
Product: Milan Beige Matte
Material: Thermally Fused Laminate (TFL) Cabinet Door with Matching Edge Banding
Description:

A contemporary matte cabinet finish featuring a soft beige tone that creates a warm, inviting, and timeless aesthetic. The smooth, low-sheen surface offers a refined appearance while complementing natural wood finishes, stone surfaces, and neutral color palettes. Selected to provide a clean, modern look with exceptional durability and easy maintenance for residential-inspired commercial interiors.
Typical Panel Size: Custom fabricated to cabinet dimensions.
Thickness: ¾ in. (19 mm) cabinet doors and drawer fronts; matching end panels as indicated.
Finish: Matte, low-sheen laminate surface with color-matched edge banding.
Typical Applications: Base and wall cabinetry, vanity cabinets, storage units, kitchen casework, built-in millwork, and other interior cabinetry applications.
Installation: Factory-fabricated cabinet components installed over engineered wood cabinet boxes in accordance with the manufacturer's recommendations. Provide concealed European-style soft-close hinges, full-extension soft-close drawer slides, and color-matched edge banding on all exposed edges.
This follows the same format as your other finish selections while emphasizing both the design qualities and the construction characteristics appropriate for an owner-facing interior proposal sheet.





Manufacturer: Daltile
Product: Core Classic™ – True White Herringbone Mosaic
Material: Glazed Ceramic Mosaic Tile
Description:
A classic white ceramic mosaic tile arranged in a herringbone pattern, featuring a clean glossy finish and crisp geometric appearance. The True White color provides a bright, timeless surface that complements the project's warm neutral finishes while adding subtle pattern and visual interest. Selected as a durable, easy-to-maintain finish suitable for interior wet areas and decorative applications.
Typical Sheet Size: 9 in. × 12 in. mesh-mounted mosaic sheet; approximately 0.60 sq. ft. per piece
Thickness: Approximately 1/4 in.; verify current manufacturer data prior to installation
Finish: Glossy glazed ceramic; True White
Pattern: Herringbone mosaic
Typical Applications: Bathroom walls, shower walls, backsplashes, accent walls, and other interior wall applications.
Installation: Install mesh-mounted mosaic sheets over properly prepared, clean, flat, and suitable substrate using manufacturer-recommended thin-set mortar. Provide 1/2 in. cementitious backer board at tiled walls where indicated. Align sheets to maintain consistent herringbone pattern and joint spacing, avoiding visible sheet lines. Grout joints with manufacturer-approved grout and provide flexible sealant at changes in plane, perimeter joints, and other movement locations.



Manufacturer: Daltile
Product: Pietra Divina™ – Calacatta Dolomiti Marble Pencil Tile
Material: Natural Marble
Description:
A narrow natural marble pencil trim featuring a soft white background with subtle gray veining characteristic of Calacatta Dolomiti marble. Selected to provide a refined finished edge at the white herringbone ceramic wall tile while introducing subtle natural variation and coordinating with the project's light stone and neutral finish palette.
Typical Size: 1/2 in. × 12 in.
Finish: Honed
Color: Calacatta Dolomiti
Typical Applications: Exposed wall tile edges, shower surrounds, backsplashes, accent tile terminations, and transitions between tile and adjacent painted wall surfaces.
Installation: Install with manufacturer-recommended setting materials suitable for natural stone over properly prepared substrate. Align continuously along exposed edges of adjacent tile. Provide consistent joints and neatly miter or finish intersections and corners. Seal natural marble where recommended by manufacturer and protect from staining during installation. Coordinate final grout color with adjacent white herringbone tile.



Manufacturer: Daltile
Product: Quarry Textures® – Ashen Gray, Abrasive
Material: Unglazed Quarry Tile
Description:
Heavy-duty commercial quarry tile featuring an unglazed, through-body construction and textured abrasive surface intended for durable, slip-resistant flooring in high-traffic and wet service areas. Ashen Gray provides a neutral appearance suitable for the commercial kitchen while offering excellent abrasion resistance, durability, and ease of maintenance.
Typical Size: 6 in. × 6 in.
Thickness: 1/2 in.
Finish: Abrasive / textured; Ashen Gray
Typical Applications: Commercial kitchens, food preparation areas, dishwashing areas, service areas, storage rooms, and other heavy-duty wet or high-traffic floor areas.
Installation: Install over properly prepared concrete or approved substrate using manufacturer-recommended mortar and grout. Provide positive slope to floor drains where indicated. Coordinate tile layout with floor drains, equipment, bases, thresholds, and penetrations. Provide compatible **quarry tile cove base** at perimeter walls and other locations indicated. Provide movement joints and sealant in accordance with TCNA recommendations and manufacturer requirements.



Manufacturer: MSI
Product: Madison Galaxia
Material: Glazed Porcelain Tile
Description:
A durable porcelain floor tile featuring a warm medium-brown and taupe stone-inspired appearance with subtle natural variation. The matte finish provides a softer, low-sheen surface suitable for public restroom applications while complementing the light Calacatta wall tile and the project's warm neutral material palette. Selected to provide visual contrast, durability, moisture resistance, and ease of maintenance in high-use areas.
Typical Size: 12 in. × 24 in.
Finish: Matte
Color: Galaxia
Typical Applications: Public restrooms, toilet rooms, corridors, and other interior commercial floor areas.
Installation: Install over properly prepared, clean, dry, flat, and structurally sound substrate using manufacturer-recommended mortar suitable for large-format porcelain tile. Coordinate tile layout with plumbing fixtures, floor drains, thresholds, partitions, and wall tile. Maintain consistent grout joints and minimize narrow cuts at walls and fixtures. Provide movement joints and flexible sealant at required locations in accordance with TCNA recommendations. Coordinate grout color with Architect prior to installation.

INTERIOR TILE FINISH SELECTIONS

The proposed tile palette has been developed to provide **durable, moisture-resistant, and easily maintained finishes** at the project's bathrooms, wet areas, kitchen areas, and other high-use spaces while maintaining the warm, residential character established throughout the Mercy House Women's Campus.

The tile selections combine **clean white ceramic, subtle natural marble, warm stone-inspired porcelain, and heavy-duty commercial quarry tile** to address the different performance requirements of each space. White herringbone tile provides a bright, timeless finish at shower walls and kitchen backsplashes, while honed marble pencil trim provides a refined transition at exposed tile edges. Large-format porcelain tile introduces warmer stone tones within public restrooms, and abrasive quarry tile provides a durable, service-oriented floor finish appropriate for the commercial kitchen.

Tile colors and patterns have intentionally been kept relatively neutral so that they complement the project's **natural wood tones, light cabinetry, quartz surfaces, and warm neutral finishes** without creating an institutional appearance. The resulting palette is intended to balance residential warmth with the durability and maintainability required for long-term use.

Material Considerations

Glazed Ceramic Mosaic Tile
• **Advantages:** Economical, moisture resistant, easy to clean, and provides pattern and visual interest at wet walls and backsplashes.
• **Considerations:** Smaller-format mosaic installations contain more grout joints and require careful installation to maintain consistent pattern alignment and avoid visible sheet lines.

Natural Marble Pencil Trim
• **Advantages:** Provides a refined finished edge at exposed tile terminations and introduces subtle natural variation that complements adjacent white tile and stone surfaces.
• **Considerations:** Natural marble varies in color and veining and may require sealing and additional maintenance compared with porcelain or ceramic products.

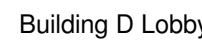
Large-Format Porcelain Tile
• **Advantages:** Highly durable, moisture resistant, low maintenance, and provides a stone-like appearance with fewer grout joints than smaller-format tile.
• **Considerations:** Requires a sufficiently flat substrate and careful layout and installation to control lippage and minimize narrow cuts.

Commercial Quarry Tile
• **Advantages:** Extremely durable, abrasion resistant, slip resistant when specified with an appropriate surface, and well suited for commercial kitchen and service environments.
• **Considerations:** Primarily selected for performance rather than residential appearance and should be coordinated with compatible cove base, grout, floor drains, and adjacent floor transitions.

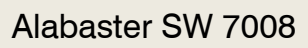
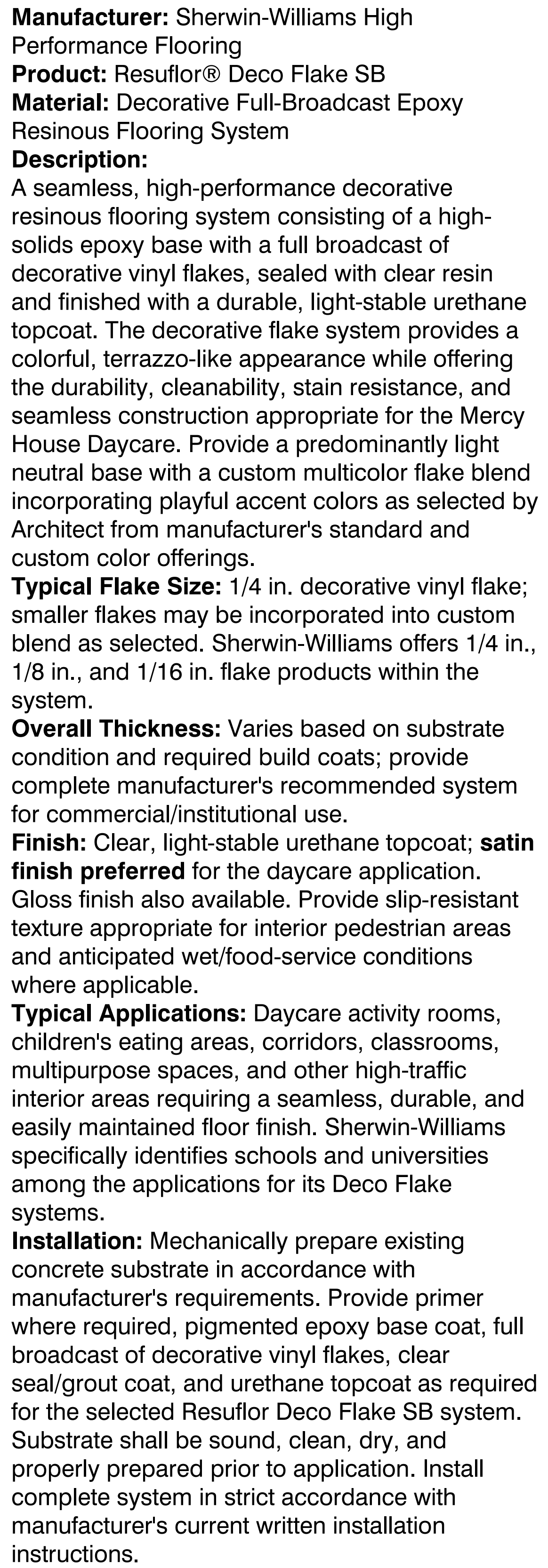
Preliminary Finish Selection Disclaimer
The tile products shown on this page represent the **current design direction** and are intended to establish the overall material palette, appearance, and performance expectations for the project. Final selections remain subject to review of physical manufacturer samples, actual color and pattern variation, grout selections, product availability, lead times, budget considerations, and Owner approval. Natural stone products will exhibit inherent variation in **color, veining, texture, and appearance**. Tile layouts and images shown on this sheet are representative of design intent and shall not be used to establish exact dimensions, quantities, joint locations, or installation conditions. Refer to the **dimensioned plans, elevations, enlarged plans, details, finish plans, and specifications** for required locations, layouts, substrates, waterproofing, transitions, and installation requirements.



Manufacturer: MSI
Product: Selwyn Bianco Calacatta
Material: Glazed Porcelain Tile
Description:
A large-format glazed porcelain tile featuring a warm white background with subtle gray Calacatta-inspired veining. The matte finish provides a soft, natural-stone appearance without excessive reflectivity while offering the durability, moisture resistance, and ease of maintenance required for high-use public restroom applications. Selected to provide a clean, refined wet-wall finish while coordinating with the project's white ceramic tile, marble accents, and warm neutral material palette.
Typical Size: 12 in. × 24 in.
Finish: Matte
Color: Bianco Calacatta
Typical Applications: Public restroom wet walls, toilet room walls, shower and bathing areas, backsplashes, and other interior wall applications.
Installation: Install over properly prepared, flat, and approved substrate using manufacturer-recommended mortar suitable for large-format porcelain tile. Provide **1/2 in. cementitious backer board at wet-area walls** as indicated in the Contract Documents. Install tile in a straight stacked or running-bond pattern as indicated on drawings. Maintain consistent grout joints and coordinate layout to minimize narrow cuts at corners, fixtures, and wall terminations. Provide flexible sealant at changes in plane, perimeter joints, and other movement locations. Coordinate grout color with Architect prior to installation.



Building D Playroom



Manufacturer: Sherwin-Williams
Product: Scuff Tuff® Interior Waterbased Enamel
Material: High-Performance Water-Based Acrylic Enamel
Description:
A high-performance interior architectural coating formulated to provide superior resistance to scuffs, stains, and repeated cleaning in high-traffic environments. Scuff Tuff provides the durability and washability appropriate for daycare activity rooms, corridors, eating areas, classrooms, and other frequently occupied spaces while maintaining the appearance of a conventional painted wall. Selected for the Mercy House Daycare to provide a durable, easily maintained finish capable of withstanding frequent contact and routine cleaning associated with children's activity areas.
Color: As selected by Architect from manufacturer's full color range; refer to Interior Finish Schedule and approved physical samples.
Finish / Sheen: Eggshell or Satin as selected by Architect. **Satin recommended at primary daycare activity, eating, and high-contact areas** for increased cleanliness.
Typical Coverage: Approximately 350–400 SF per gallon per coat, depending on substrate texture, porosity, application method, and color.
Typical Applications: Painted gypsum board walls, corridors, children's activity rooms, eating areas, classrooms, offices, staff areas, and other high-traffic interior wall surfaces requiring enhanced scuff resistance and cleanliness.
Installation: Apply over properly prepared, clean, dry, and sound substrates using manufacturer-recommended primer where required. Provide minimum two finish coats unless manufacturer's requirements or substrate conditions require additional coats. Application may be by brush, roller, or spray as appropriate. Prepare and prime new gypsum board, patched areas, and dissimilar substrates to provide a uniform finished appearance. Install complete coating system in accordance with manufacturer's current written instructions.
Performance Intent: Provide a durable, scrub-resistant, washable wall finish capable of routine cleaning without premature burnishing, marking, or deterioration of the finished surface.

The proposed interior design for the Mercy House Daycare has been developed to create a safe, bright, engaging, and highly durable environment for children while maintaining a contemporary character consistent with the larger Mercy House Women's Campus. The design is intended to feel playful and welcoming without becoming overly themed or visually overwhelming, allowing the children, furnishings, artwork, and activities to bring much of the color and personality to the spaces. The existing architectural character of the building is incorporated into the design through the use of exposed structure and Tectum roof decking. The Tectum decking and exposed ceiling structure are to be painted to provide a clean, unified appearance while retaining the texture and character of the existing construction. Exposed linear lighting complements this approach and provides bright, functional illumination while maintaining the open character and ceiling height of the existing building.

Flooring throughout the primary daycare activity, eating, and circulation areas is envisioned as a seamless, durable epoxy flooring system with a light-colored base and colorful decorative aggregate or broadcast elements. The flooring provides a playful visual foundation for the daycare while offering the durability, cleanability, moisture resistance, and low-maintenance performance appropriate for areas subject to frequent spills, cleaning, and heavy daily use.

Walls are intentionally kept relatively simple and neutral to balance the colorful flooring and children's furnishings. Painted gypsum board surfaces should utilize **high-performance, scrub-resistant Sherwin-Williams coating systems** appropriate for institutional and high-traffic environments. Coatings should provide excellent washability, stain resistance, and resistance to repeated cleaning. Final products, colors, and sheen should be selected based on location and anticipated use, with increased durability particularly at eating areas, activity spaces, corridors, and other high-contact surfaces.

The primary activity spaces are organized as flexible environments capable of supporting play, learning, meals, crafts, group activities, and quiet activities throughout the day. Open floor areas maintain clear sightlines for staff supervision, while child-scaled tables, furnishings, accessible storage, area rugs, and activity centers establish smaller zones within the larger rooms without creating unnecessary physical barriers.

Color and visual interest are introduced strategically through the decorative epoxy flooring, area rugs, children's furnishings, toys, educational materials, and wall-mounted artwork and graphics. This approach allows the permanent architectural finishes to remain durable and adaptable while the character of the daycare can evolve as programs, age groups, and activities change.

Furnishings, casework, fixtures, and equipment should be selected and installed with particular consideration for child safety, accessibility, durability, and ease of maintenance. Storage should be incorporated throughout to keep materials organized and readily accessible while reducing visual clutter and maintaining clear circulation paths.

The overall design is intended to balance **playfulness with durability and order**, creating an environment that feels distinctly designed for children while remaining practical for staff to operate and maintain. The combination of exposed painted Tectum decking and structure, durable scrub-resistant wall finishes, colorful seamless epoxy flooring, flexible furnishings, and age-appropriate artwork creates a daycare environment that is cheerful, resilient, easily maintained, and supportive of the daily activities of both children and staff.



Mercy House Womens Campus



Project No	20241215001-B	Date	8/31/2026
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Date _____

01-B

2024

5257 Learned Rd., Learned, MS 39154

Main Campus Renovations & Site

Construction Documents

[illegible]

Interiors Building D

RI104