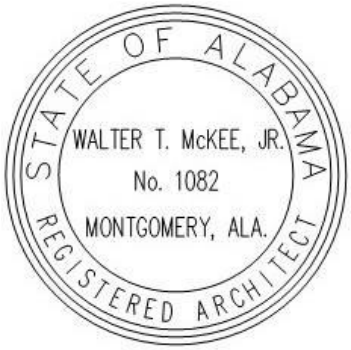
LATHAN · McKEE
ARCHITECTS



Addendum **No.** 3
Date: April 17, 2026

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

MCKEE PROJECT NO. 25-160B
ALABAMA DIVISION OF CONSTRUCTION MANAGEMENT NO. 2026083

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

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

A3.1 GENERAL MODIFICATIONS:

A. Refer to the **Table of Contents (Revised 4-17-26**), herein.
B. Refer to added **Section 01000 Alternates**, herein.

A3.2 SPECIFICATION MODIFICATIONS:

A. Refer to added **Section 02810 Sodding and Topsoil**, herein.
B. DELETE **Section 02811 Seeding and Topsoil**.
C. Refer to added **Section 09301 Porcelain Tile**, herein.

A3.3 DRAWING MODIFICATIONS:

A. Refer to the following revised drawing sheets, herein.

1. Sheets **G1.1, FS-200 Revised 04-17-2026.**
2. Sheets **P1.0, P1.1, P2.1, P3.1, P3.2, M1.1, and M2.0, Revised 04-17-2026.**
3. Sheets **E0.0, E0.1, E1.0, E1.1, E1.2, E2.0, E2.1, E2.2, E2.3, E3.0, E3.1, E3.2, E3.3, E4.0, E4.1, E5.0, E5.1, E6.0, ED1.1, and ED2.1, Revised 04-17-2026.**

END OF ADDENDUM

TABLE OF CONTENTS

Site Improvements and Interior Alterations

to

Fairhope High School

for the

Baldwin County Board of Education

Fairhope, Alabama

MCKEE PROJECT NO. 25-160B

BIDDING REQUIREMENTS

CONTRACT FORMS

GENERAL CONDITIONS

- Pre-Construction Conference Checklist (DCM Form B-8)
- Detail Of Project Sign (DCM Form C-15)
- Application and Certificate for Payment (DCM Form C-10)
- Schedule Of Values, (DCM Form C-10SOV, Attachment to DCM Form C-10
- Inventory Of Stored Materials, (DCM Form C-10SM, Attachment to DCM Form C-10
- Progress Schedule and Report (DCM Form C-11,)
- Change Order Checklist, (DCM Form B-12, For Use With DCM Form C-12
- Contract Change Order (DCM Form C-12 (fully locally-funded K-12 Schools)
- Change Order Justification (DCM Form B-11) Attachment to DCM Form C-12
- Change Order Proposal Recap Sheet (Lathan Mckee Form, LM 0825)
- General Contractor's Roofing Guarantee (DCM Form C-9)
- Certificate of Substantial Completion (DCM Form C-13 & 13A)
- Final Payment Checklist (DCM Form B-13)
- Contractor's Affidavit of Payment of Debts and Claims (DCM Form C-18)
- Contractor's Affidavit of Release of Liens (DCM Form C-19)
- Consent of Surety to Final Payment (DCM Form C-20)
- Form of Advertisement for Completion (DCM Form C-14)
- Fire Alarm Contractor's Permit Application
- Certificate of Asbestos Free Building Materials (McKee Form)

TECHNICAL SPECIFICATIONS

END OF TABLE OF CONTENTS

SECTION 01000 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract including General and Supplementary Conditions and Division 1 Specification sections apply to work of this section.

1.2 DESCRIPTION OF REQUIREMENTS

A. Definition: An Alternate is an amount proposed by bidders and stated on the Proposal Form that will be added to or deducted from Base Bid amount if the Owner decides to accept a corresponding change in either scope of work or in products, materials, equipment, systems or installation methods described in Contract Documents.

B. Coordination: Coordinate related work and modify or adjust adjacent work as required to ensure that work affected by each accepted Alternate is complete and fully integrated into the project.

C. Notification: Immediately following award of Contract, prepare and distribute to each party involved notification of the status of each Alternate. Indicate whether Alternates have been accepted, rejected or deferred for consideration at a later date. Include a complete description of negotiated modifications to Alternates, if any.

D. Schedule: A “Schedule of Alternates” is included at the end of this section. Specification section referenced in the Schedule contain requirements for materials and methods necessary to achieve the work described under each Alternate.

E. Include as part of each Alternate, miscellaneous devices, appurtenances and similar items incidental to or required for a complete installation whether or not mentioned as part of the Alternate.

1.3 SCHEDULE OF ALTERNATES

A. This project has No Bid Alternates.

PART 2 - NOT APPLICABLE

PART 3 - NOT APPLICABLE

END OF SECTION

SECTION 02810 - SODDING AND TOPSOIL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the contract including General and Supplementary Conditions and Division 1 Specification Sections apply to work of this section.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Sod:

1. Provide strongly rooted **419 Bermuda Sod.**
2. Sod shall be not less than 2 years old and free of weeds and undesirable native grasses.
3. Only provide sod capable of growth and development when planted (viable, not dormant).
4. Provide machine cut sod of a uniform minimum soil thickness of 5/8 inch, plus thickness of top growth and thatch. Sod pieces to be consistent in size and shape.

PART 3 - EXECUTION

3.1 GENERAL REQUIREMENTS

A. Sodding shall be restricted to those as instructed or recommended by the local Cooperative Extension Agent except when special instructions to the contrary are issued in writing by the Architect.

1. The Contractor shall furnish, in writing to the Architect, those recommendations of the Extension Agent before proceeding with any operations.
2. Grassing also shall comply with State of Alabama Highway Department specifications, latest Edition.
3. Contractor shall water and maintain newly grassed areas until acceptable stand of grass is established and approved by the Architect.

B. Preparation of Subgrade Soil:

1. The subgrade soil in those areas to be sodded whether shown or not shown on the plans shall be loosened to a minimum depth of 3 inches and graded to remove all ridges and depressions so that it will be, after settlement everywhere parallel to and at the proper level to provide finished grades specified.
2. All stones over 1" in dimension, sticks, rubbish and other extraneous matter shall be removed during this operation.

C. Topsoil:

1. Contractor shall furnish and spread layer of topsoil over all areas.

   Topsoil shall be spread in loose layers to provide finished grades specified and shall have an equal depth of not less than 4" over the site after natural settlement and light rolling.

D. All areas shall be carefully graded and raked to accurate specified grades and uniform slopes following topsoil spreading. The surface, when finished and settled shall conform to required grades and shall be free from hollows and other inequalities, from stones over 1" in diameter, sticks and other debris, and shall be satisfactory to the Architect.

E. Initial fertilization of sodded area prior to sodding and following preparation, commercial fertilizer 4-10-10 or 4-12-12 shall be applied on all grass areas at the uniform rate of 20 pounds per 1,000 square feet each.

3.2 SODDING

A. Prepare all areas to receive sod.

B. **The Contractor shall fully sod all graded and disturbed areas, including the Contractors staging area and all areas disturbed by vehicular construction traffic, whether shown on plans or not.**

3.3 TOPSOIL

A. General:

1. Provide topsoil of natural, friable, fertile, fine loamy, soil possessing the characteristics of representative top soils in the vicinity which produces a heavy growth; free from subsoil, weeds, litter, clods, stiff clay, stones, stumps, roots, trash, toxic substances or any other material which may be harmful to plant growth or hinder planting operations.
2. The topsoil shall not be in a muddy or frozen condition. Topsoil shall be that material stripped and stockpiled, or as required to provide 4” of coverage.
3. The topsoil shall have a pH range of 5.9 to 7.0.
4. Limestone or aluminum sulfate (or acceptable substitute) may be used to adjust the pH of the topsoil to an acceptable level.

END OF SECTION

SECTION 09301 - PORCELAIN TILE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 Specification sections apply to work of this section.

1.2 DESCRIPTION OF WORK

A. Definition: Tile includes ceramic surfacing units made from clay or other ceramic materials.

B. Extent of tile work is indicated on drawings and schedules.

C. Types of tile work in this section include the following:

1. Wall Tile.
2. Floor Tile.
3. Wainscot Accent Tile.
4. Wainscot Tile Cap.
5. Base.
6. Stone Thresholds.

D. Portland cement plaster scratch coat on wall surfaces indicated to receive tile is work of this section.

E. Sealing expansion and other joints in tile work with elastomeric joint sealers is work of this section.

1.3 QUALITY ASSURANCE

A. Source of Materials: Provide materials obtained from one source for each type and color of tile, grout, and setting materials.

B. Mock-Up: Contractor shall provide mock-up panels for evaluation of materials, surface preparation techniques and application workmanship.

1. Mock-up panel shall be no less than 4’-0” x 4’-0” panel as follows:
    a. One (1) panel per room, per surface. (i.e. 1 panel for wall surface and 1 panel for floor surface for each room of different selection).
    b. Mock-up panels shall be marked identifying room location and product manufacturer, type, style, size and color information.
    c. Do not proceed with work until materials, workmanship, color, and sheen are approved by Architect.
    d. Provide additional mock-up panels as required to produce acceptable work.

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's technical information and installation instructions for materials required, except bulk materials.

B. Samples for Selection Purposes: Submit manufacturer's color charts consisting of actual tiles

or sections of tile showing full range of colors, textures and patterns available for each type of tile indicated. Include samples of grout and accessories involving color selection.

1.5 PRODUCT HANDLING

A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use. Prevent damage or contamination to materials by water, freezing, foreign matter or other causes.

1.6 PROJECT CONDITIONS

A. Maintain environmental conditions and protect work during and after installation to comply with referenced standards and manufacturer's printed recommendations.

B. Vent temporary heaters to exterior to prevent damage to tile work from carbon dioxide buildup.

C. Maintain temperatures at not less than 50 degrees F in tiled areas during installation and for 7 days after completion, unless higher temperatures required by referenced installation standard or manufacturer's instructions.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. The following manufacturers' products have been used to establish minimum standards for materials, workmanship and function:

1. Porcelain Tile:

a. StonePeak (Basis of Design)

b. American Olean Tile Co.

c. Marazzi

B. Equal products of other manufacturers may be used in the work, provided such products have been approved by the Architect, not less than Ten (10) days prior to scheduled bid opening.

2.2 PRODUCTS, GENERAL

A. ANSI Standard for Ceramic Tile: Comply with ANSI A137.1 "American National Standard Specifications for Ceramic Tile" for types and grades of tile indicated.

1. Furnish tile complying with "Standard Grade" requirements unless otherwise indicated.

B. ANSI Standard for Tile Installation Materials: Comply with ANSI standard referenced with installation products and materials indicated.

C. Colors, Textures and Patterns: For tile and other products requiring selection of colors, surface textures or other appearance characteristics, provide products to match characteristics indicated or, if not otherwise indicated, as selected by Architect from manufacturer's standards.

1. Provide tile trim and accessories which match color and finish of adjoining flat tile.

D. Mounting: Where factory-mounted tile is required provide back- or edge-mounted tile assemblies as standard with manufacturer unless another mounting method is indicated.

1. Where tile is indicated for installation on exteriors or in wet areas, do not use back or edge-mounted tile assemblies unless tile manufacturer specifies that this type of mounting is suitable for these kinds of use and has been successfully used on other projects.

2.3 TILE PRODUCTS

A. Provide tile complying with the following requirements:

1. Manufacturer/Series:

a. StonePeak “Simply Modern” Collection.

2. Type:

a. Porcelain

3. Wearing Surface for Floors:

a. "stable, firm and slip resistant", (exceeds 0.60 on the ASTM C-1028 test, wet and dry).

4. Nominal Thickness:

a. 3/8"

5. Nominal Facial Dimensions as follows:
    a. Floor Tile
        1. **12" x 24" Floor Tile** - "Simply Modern" Series, Unglazed, with 1/4" grout joints.
    b. Wall Tile
        1. **12" x 24" Wall Tile** – "Simply Modern" Series, Unglazed, with 1/4" grout joints.
        2. **4" x 12" "Adamas" Series Wall Tile Accent Band – 3 layers high located 6'-0" AFF.** Glazed, with 1/8" grout joints.
    c. Base:
        1. **6" x 12" Coved Base** – "Schluter Dilex" Series.
    d. Wainscot Cap:
        1. **3" x 12" Bullnose** – "Simply Modern" Series.
6. Face: Plain with cushion edges.

B. Trim Units: Provide tile trim units to match characteristics of adjoining flat tile and to comply with following requirements:
1. Size:
    a. As indicated, coordinated with sizes and coursing of adjoining flat tile, where applicable.
2. Shapes:
    a. Selected from manufacturer's standard shapes.
3. External Corners for Portland Cement Mortar Installations:
    a. Bullnose shape with a radius of not less than 3/4" unless otherwise indicated.
4. Internal Corners:
    a. Field-butted square corners, except use internal cove and cap angle pieces designed to member with stretcher shapes.

2.4 STONE THRESHOLDS

A. General: Provide stone which is uniform in color and finish, fabricated to sizes and profiles indicated or required to provide transition between tile surfaces and adjoining finished floor surfaces.

B. Marble Thresholds: Provide marble thresholds complying with ASTM C 503 requirements for exterior use and abrasion resistant for uses subject to heavy foot traffic.
1. Provide white, bonded marble complying with MIA Group "A" requirements for soundness.

2.5 SETTING MATERIALS

A. Portland Cement Mortar Installation Materials: Provide materials to comply with ANSI A108.1 as required for installation method designated, unless otherwise indicated.

2.6 GROUTING MATERIALS – FLOOR & WALL

A. High Performance Epoxy grout that offers color uniformity, durability and stain resistance with extraordinary ease of use.
1. Laticrete "Spectralock Pro Grout".
2. Color to be selected by architect after the bid date from manufacturer standards

B. Epoxy grout is to be installed per manufacturer's instructions.

2.7 MISCELLANEOUS MATERIALS

A. Single-Component Sealants: ASTM C 920, Type S, Grade NS, use NT (for use in joints in non-traffic areas).

B. Two-Component Sealants: ASTM C 920, Type M, Grade P, Class 25, use T (for use in joints subject to pedestrian traffic).

C. Tile Cleaner: Product specifically acceptable to manufacturer of tile and grout manufacturer for application indicated and as recommended by National Tile Promotion Federation, 112 North Alfred St., Alexanderia, VA 22134 or Ceramic Tile Institute, 700 N. Virgil Ave., Los Angeles, CA 90029.

2.8 TILE BACKING PANELS

A. Fiber-Cement Backer Board: ASTM C1288, in maximum lengths available to minimize end-to-end butt joints.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

    a. CertainTeed Corporation.

    b. Custom Building Products.

    c. James Hardie Building Products, Inc.

2. Thickness: 1/2 inch (12.7 mm) unless otherwise indicated on drawings.

B. Install panels and treat joints in accordance with ANSI A108.11, APA guidelines, and manufacturer's written instructions for type of application indicated

2.9 WATERPROOF MEMBRANE

A. General: Manufacturer's standard product that complies with ANSI A118.10 and is recommended by the manufacturer for the application indicated. Include reinforcement and accessories recommended by manufacturer.

B. Polyethylene Sheet: Polyethylene faced on both sides with fleece webbing; 0.008-inch (0.2-mm) nominal thickness.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

    a. Schluter Systems L.P.

    b. Equal products of other manufacturers may be used in the work, provided such products have been approved by the Architect, not less than Ten (10) days prior to scheduled bid opening.

C. Install waterproof membrane to comply with ANSI A108.13 and manufacturer's written instructions to produce waterproof membrane of uniform thickness that is bonded securely to substrate.

1. Allow waterproof membrane to cure and verify by testing that it is watertight before installing tile or setting materials over it.

PART 3 - EXECUTION

3.1 INSPECTION

A. Examine surfaces to receive tile work and conditions under which tile will be installed. Do not proceed with tile work until surfaces and conditions comply with requirements indicated in referenced tile installation standard.

3.2 PRE-INSTALLATION CONFERENCE

A. A pre-installation conference is required before any tiling materials are installed. This conference shall be conducted by a representative of the Architect and attended by the General Contractor

and Tile Contractor. Provide at least 72 hours advance notice to participants prior to convening pre-installation conference.

B. The pre-installation conference is intended to clarify demolition and application requirements for work to be completed before tiling operations can begin. This would include a detailed review of the specifications, plans, finish schedules and approved shop drawings, submittal data, samples and mock-ups. If this pre-installation conference cannot be satisfactorily concluded without further inspection and investigation by any of the parties present, it shall be reconvened at the earliest possible time to avoid delay of the work. In no case should the work proceed without inspection of all tiling areas and substantial agreement on all requirements.

C. The following are to be accomplished during the conference:

1. To review all requirements listed in the specifications and resolve any questions or conflicts that may arise.
2. To establish trade-related job schedules.
3. To establish tiling schedule and work methods that will prevent progress of other trades.
4. Require that all surface preparations and conditions be complete prior to installing tile work.
5. To establish those areas on the job site that will be designated as work and storage areas for tiling operations.
6. To establish acceptable methods of protecting the finished tile surfaces if any trades must travel across or work on, above or around any areas of the finished tile work.

D. The Architect shall prepare a written report indicating actions taken and decisions made at this pre-installation conference. This report shall be made a part of the project record and copies furnished to the General Contractor and the Owner.

3.3 INSTALLATION, GENERAL

A. ANSI Tile Installation Standard: Comply with applicable parts of ANSI 108 series of tile installation standards included under "American National Standard Specifications for the Installation of Ceramic Tile".

B. TCA Installation Guidelines: TCA "Handbook for Ceramic Tile Installation"; comply with TCA installation methods indicated or, if not otherwise indicated, as applicable to installation conditions shown.

C. Setting beds:

1. Floor tile: Thinset.
2. Wall tile: Thinset.

D. Extend tile work into recesses and under or behind equipment and fixtures, to form a complete covering without interruptions, except as otherwise shown. Terminate work neatly at obstructions, edges and corners without disrupting pattern or joint alignments.

E. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures and other penetrations so that plates, collars, or covers overlap tile.

F. Jointing Pattern: Unless otherwise shown, lay tile in grid pattern. Align joints when adjoining tiles on floor, base, walls and trim are same size. Layout tile work and center tile fields in both directions in each space or on each wall area. Adjust to minimize tile cutting. Provide uniform joint widths, unless otherwise shown.

1. For tile mounted in sheets make joints between tile sheets same width as joints within tile sheets so that extent of each sheet is not apparent in finished work.

G. Lay out tile wainscots to next full tile beyond dimensions indicated.

H. Expansion Joints: Locate expansion joints and other sealant filled joints, including control, contraction and isolation joints, where indicated, or if not indicated, at spacing and locations

recommended in TCA "Handbook for Ceramic Tile Installation", and approved by Architect.

1. Prepare joints and apply sealants to comply with requirements of referenced standards and sealant manufacturer.

I. Grout tile to comply with referenced installation standards, using grout materials indicated.

3.4 FLOOR INSTALLATION METHODS

A. Porcelain Tile: Install tile to comply with requirements indicated below for setting bed methods, TCA installation methods related to types of subfloor construction, and grout types:

1. Concrete Subfloors, Interior: TCA F113 with isolation membrane equal to Nobleseal CIS.

B. Grout:

1. High Performance Epoxy grout is to be installed per manufacturer’s instructions.

C. Stone Thresholds: Install stone thresholds at locations indicated; set in same type of setting bed as abutting field tile unless otherwise indicated.

D. Metal Edge Strips: Install at locations indicated or where exposed edge of tile flooring meets carpet, wood or other flooring which finishes flush with top of tile.

3.5 WALL TILE INSTALLATION METHODS

A. Install types of tile designated for wall application to comply with requirements indicated below for setting bed methods, TCA installation methods related to subsurface wall conditions, and grout types:

1. Solid Backing, Interior: TCA W221 in wet areas and W213 or W223 25

a. applicable in other areas.

B. Grout:

1. High Performance Epoxy grout is to be installed per manufacturer’s instructions.

3.6 CLEANING AND PROTECTION

A. Cleaning: Upon completion of placement and grouting, clean all ceramic tile surfaces so they are free of foreign matter.

1. Unglazed tile shall be cleaned with non-acid solutions only recommended by tile and grout manufacturer's printed instructions, but no sooner than 14 days after installation. Protect metal surfaces, cast iron and vitreous plumbing fixtures from effects of tile cleaning. Flush surface with clean water after cleaning.

B. Finished Tile Work: Leave finished installation clean and free of cracked, chipped, broken, unbonded, or otherwise defective tile work.

C. Protection: When recommended by tile manufacturer, apply a protective coat of neutral protective cleaner to completed tile walls and floors. Protect installed tile work with kraft paper or other heavy covering during construction period to prevent staining, damage and wear.

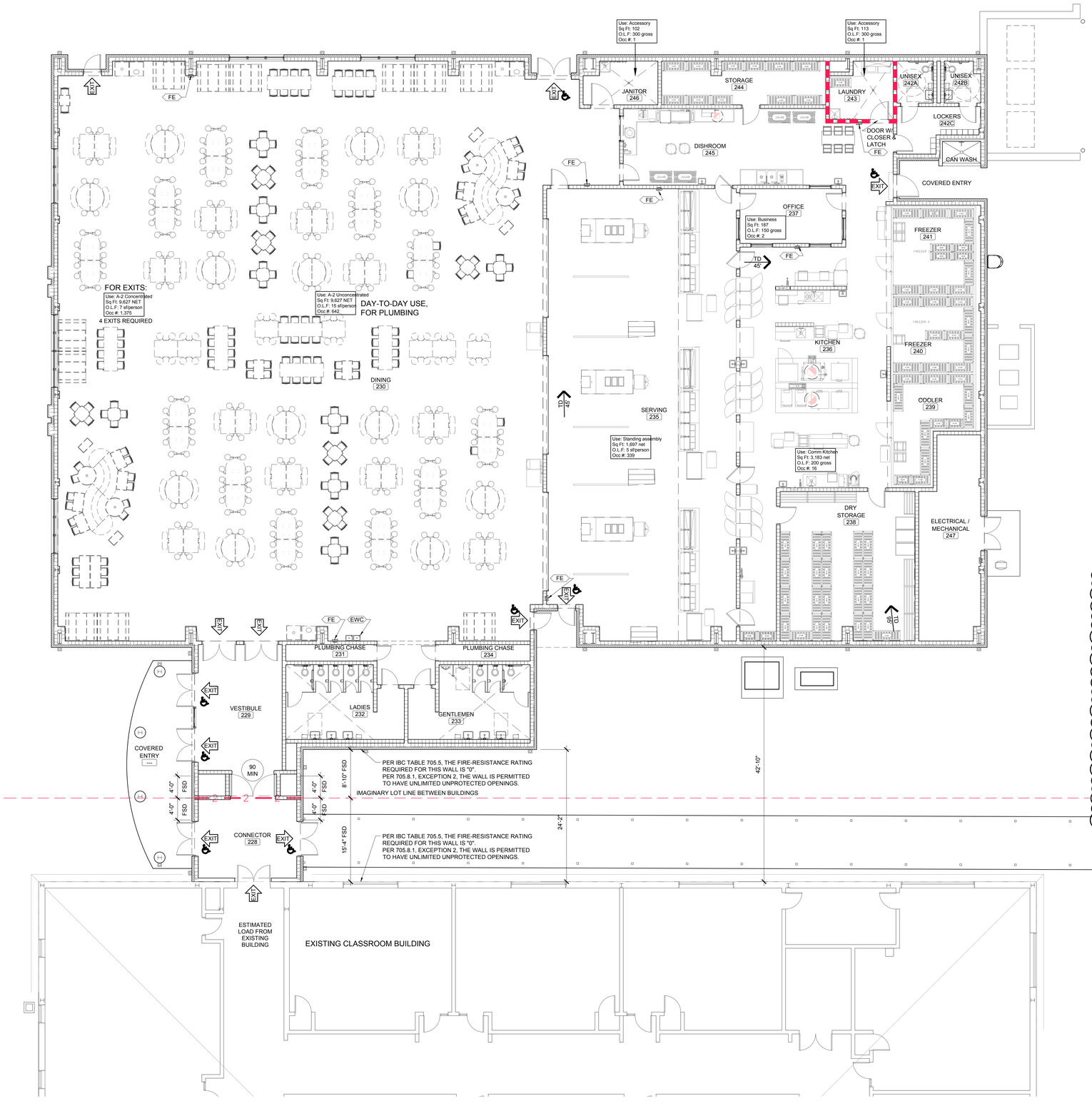
D. Prohibit foot and wheel traffic from using tiled floors for at least 7 days after grouting is completed. Before final inspection, remove protective coverings and rinse neutral cleaner from tile surfaces.

3.7 EXTRA STOCK

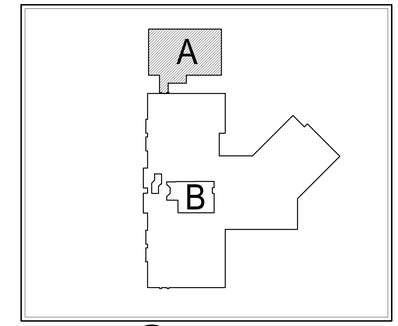
A. Deliver stock of maintenance materials to Owner. Furnish maintenance materials from same manufactured lot as materials installed and enclosed in protective packaging with appropriate identifying labels.

1. Tile Flooring: Furnish not less than one box for each type, color, pattern and size installed.

END OF SECTION



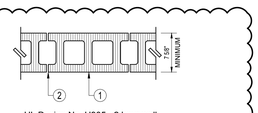
CODE PLAN - CAFETERIA/KITCHEN BUILDING
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

CODE LEGEND

SYMBOL	DESCRIPTION
	SMOKE (TIGHT)-RESISTANT PARTITION - SEE PARTITION TYPE
2	2-HOUR RATED FIRE WALL - UL# - U905 SEE DETAIL 1/G1.1 (1)
EXIT	PRIMARY BUILDING EXIT
TD 250'	TRAVEL DISTANCE NEAREST TO EXIT
	HANDICAP ACCESSIBLE
FE	FIRE EXTINGUISHER LOCATION (SEE DETAIL AX.X)
FSD	FIRE SEPARATION DISTANCE (TABLE 705.8)
EWR-10" / EWP-34"	EXIT WIDTH REQUIRED / EXIT WIDTH PROVIDED
168 / 340	ACTUAL OCCUPANT LOAD SERVED / TOTAL EGRESS CAPASITY
3/4 HOUR	RATED DOOR ASSEMBLY (SECTION 716) (TABLE 716.1.2)
(UP, S) 25% (UP, S) NO LIMIT	UNPROTECTED, SPRINKLERED (% OF OPENINGS ALLOWED) (TABLE 705.8)



UL Design No. U905 - 2 hour wall

Bearing Wall - 2 hour
Non-Bearing Wall - 2 hour

1. Concrete Blocks - Various Designs. Classification C-2 (2 hr.)
2. Mortar - Blocks laid in full bed of mortar, nominal 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume) Vertical joints staggered (running bond).

NOTE:
2-HOUR FIRE RATED WALL TO BE SEALED TO ROOF DECK.

(1) TWO-HOUR RATED FIRE WALL PLAN DETAIL
SCALE: 1" = 1'-0"

CODE REVIEW

CODE: **2021 INTERNATIONAL BUILDING CODE**

OCCUPANCY TYPE (SECTION 303) : **GROUP E, EDUCATIONAL (303.1.3)**

SPRINKLERED (SECTION 903): **YES**

NUMBER OF STORIES (TABLE 504.3): **1**

CONSTRUCTION TYPE (SECTION 602): **TYPE II-B**

TYPE II-B, REQUIRES THE FOLLOWING FIRE RESISTANCE (TABLE 601):

STRUCTURAL FRAME:	**0 HOUR**
EXTERIOR BEARING WALLS:	**0 HOUR**
INTERIOR BEARING WALLS:	**0 HOUR**
EXTERIOR NONBEARING WALLS:	**0 HOUR**
INTERIOR NONBEARING WALLS:	**0 HOUR**
FLOOR CONSTRUCTION:	**0 HOUR**
ROOF CONSTRUCTION:	**0 HOUR**

OTHER REQUIREMENTS:

FIRE WALL RATING (TABLE 706.4): **2 HOURS IN TYPE II CONSTRUCTION**. PER IBC 706.5, EXCEPTION 1, FIRE WALLS MAY TERMINATE AT THE INTERIOR FACE OF THE EXTERIOR WALL VENEER.

OCCUPANCY SEPARATION (TABLE 508.4): **NOT REQUIRED** PER IBC 303.1.3

INCIDENTAL USE AREAS (TABLE 509.1): **LAUNDRY (112 SF)** - SPRINKLERED LAUNDRY SPACE OVER 100 SQ. FT. REQUIRES A SMOKE-RESISTANT SEPARATION FROM OTHER BUILDING SPACES (509.4.2).

FIRE-RESISTANT CORRIDORS (TABLE 1020.2): CORRIDORS IN **SPRINKLERED** GROUP **'E'** OCCUPANCY SHALL NOT BE REQUIRED TO BE RATED.

STAIRS & SHAFT ENCLOSURES (707 & TABLE 707.3.10 NOT LESS THAN 508.4 IF APPLICABLE): **NONE**

EXIT ACCESS TRAVEL DISTANCE IS MAXIMUM **250 FEET** FOR **SPRINKLERED** (TABLE 1017.2)

CAFETERIA PLUMBING CALCULATIONS

2021 INTERNATIONAL PLUMBING CODE
REQUIREMENTS: ASSEMBLY GROUP A-2 CAFETERIA (DAY-TO-DAY USE - TABLES AND CHAIRS SEATING)
PLUMBING REQUIRED TOTAL:

642 + 20 = 662 OCCUPANTS -
TOILETS (TABLE 2902.1)
MEN (331) 1 PER 75 - 4.4 (5 REQUIRED)
WOMEN (331) 1 PER 75 - 4.4 (5 REQUIRED

LAVATORIES (TABLE 2902.1)
MEN (331) 1 PER 200 - 1.65 (2 REQUIRED)
WOMEN (331) 1 PER 200 - 1.65 (2 REQUIRED)

DRINKING FOUNTAINS (TABLE 2902.1), 1 PER 500 = 662/500 = 1.32
2 REQUIRED

SERVICE SINK (TABLE 2902.1):
1 REQUIRED

PLUMBING PROVIDED TOTAL

TOILETS (TABLE 2902.1)
MEN - 5 PROVIDED (3 wc / 2 urinals) UP TO 3 URINALS ALLOWED BY IPC 424.2
WOMEN - 5 PROVIDED
UNISEX - 2 PROVIDED

LAVATORIES (TABLE 2902.1)
MEN'S - 3 PROVIDED
WOMEN'S - 3 PROVIDED
UNISEX - 2 PROVIDED

DRINKING FOUNTAINS (TABLE 2902.1)
2 PROVIDED

SERVICE SINK (TABLE 2902.1):
1 PROVIDED

EXIT CALCULATIONS

TOTAL BUILDING AREA - NEW BUILDING ADDITION

OCCUPANCY TYPE (SECTION 303) - GROUP A-2 ASSEMBLY
CONSTRUCTION TYPE (SECTION 602): II-B SPRINKLERED
ALLOWABLE AREA: 38,000 SQ FT (TABLE 506.2)
ACTUAL AREA - 19,603 SQ FT CAFETERIA-KITCHEN ADDITION
127,904 SQ FT EXISTING CLASSROOM BUILDING (CONNECTED)
THE ADDITION WILL BE A 19,603 SQ FT SEPARATE BUILDING USING THE NEW FIRE WALL.

ALLOWABLE HEIGHT (TABLE 504.3) ALLOWABLE # OF STORIES (TABLE 504.4)
ALLOWABLE HEIGHT: 75 FEET
ALLOWABLE NO. OF STORIES: 3
ACTUAL BUILDING HEIGHT: 36 FEET
ACTUAL NO. OF STORIES: 1

OCCUPANT LOAD

OCCUPANT LOAD TOTAL (1004 & TABLE 1004.5) =

OCCUPANT LOAD - KITCHEN:
20 PERSONS (**2** EXITS REQUIRED, **2** EXITS PROVIDED)
OCCUPANT LOAD - DINING:
1415 PERSONS (**4** EXITS REQUIRED, **4** EXITS PROVIDED)
TOTAL CALCULATED OCCUPANT LOAD FOR EXITING - **1435**

EXIT REQUIREMENTS

EXIT ACCESS (TABLE 1006.2.1 & TABLE 1006.3.3)
NO. OF EXITS REQUIRED: **4**
OF EXITS FURNISHED: **6**

MEANS OF EGRESS WIDTH (1005.3)
SEE PLAN FOR EXIT WIDTHS

MINIMUM CORRIDOR WIDTH (TABLE 1020.3) **72"**

LATHAN McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: CODE PLAN - CAFETERIA-KITCHEN BUILDING

STATE OF ALABAMA
WALTER T. McKEE, JR.
No. 1082
MONTGOMERY, ALA.
REGISTERED ARCHITECT

PROJ. MGR.:	VCH
DRAWN:	VCH, AJB, KDD
DATE:	03.25.2026
REVISIONS	
1	04.17.2026

JOB NO. 25-160B

SHEET NO: G1.1

0 1" 2"

SEE MECHANICAL DRAWINGS FOR UTILITIES FOR THIS ROOM

SEE MECHANICAL FOR RESTROOM UTILITIES

CONDENSATE DRAIN LINE

"L" SHAPED WALL

HALF WALL 54" H

FREEZER 1

FREEZER 2

COOLER

S-HOOKS

1 FOOD SERVICE WASTE
FS-200 1/4" = 1'-0"

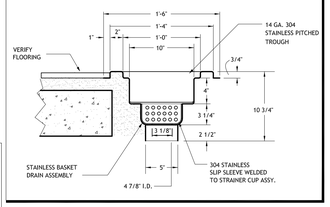
WASTE SYMBOLS

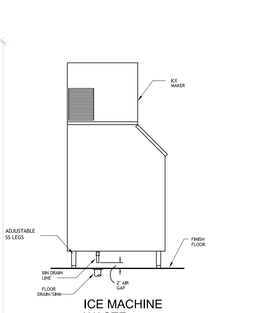
- . . . . . FS-1 = FLOOR SINK, 8" X 8" SQUARE, WITH FULL TOP GRATE
- . . . . . FS-2 = FLOOR SINK, 8" X 8" SQUARE, WITH HALF GRATE
- . . . . . FS-3 = FLOOR SINK, 8" X 8" SQUARE, 10" DEEP, WITH HALF GRATE
- . . . . . FS-4 = FLOOR SINK, 8" X 8" SQUARE, 10" DEEP, NO GRATE
- . . . . . FD-1 = FLOOR DRAIN, WITH TYPE "A" STRAINER 5" TOP'
- . . . . . FT-1 = FLOOR TROUGH DRAIN W/4" TRAPPED CONNECTION INTO BOTTOM OUTLET. PROVIDE FLOOR RECESS TO ACCOMMODATE FLOOR TROUGH SIZE
- . . . . . DW-1 = DIRECT WASTE, 1 1/2"
- . . . . . IDW-1 = IN DIRECT WASTE, 1 1/2"
- FIELD CONNECTIONS

FLOOR WASTE AND SPECIAL CONDITIONS NOTES

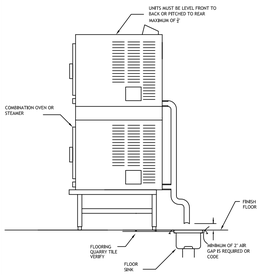
1. ALL DRAINS DEDICATED FOR EQUIPMENT, INCLUDING FLOOR TROUGHS, MUST BE FLUSH WITH PLANE OF SURROUNDING FLOOR.
2. GENERAL PURPOSE FLOOR DRAINS, INCLUDING FLOOR SINKS, IN AREAS OF HIGH TRAFFIC MUST BE FLUSH WITH PLANE OF SURROUNDING FLOOR.
3. GENERAL PURPOSE FLOOR DRAINS, INCLUDING FLOOR SINKS, LOCATIONS MUST BE VERIFIED BY MECHANICAL CONTRACTOR/ ENGINEER FOR ALL CODE REQUIREMENTS.

NOTE: ALL FLOOR TROUGHS, FLOOR DRAINS AND FLOOR SINKS TO BE FLUSH WITH SURROUNDING QUARRY TILE. DO NOT PITCH FLOOR TO DRAINS UNLESS OTHERWISE NOTED.

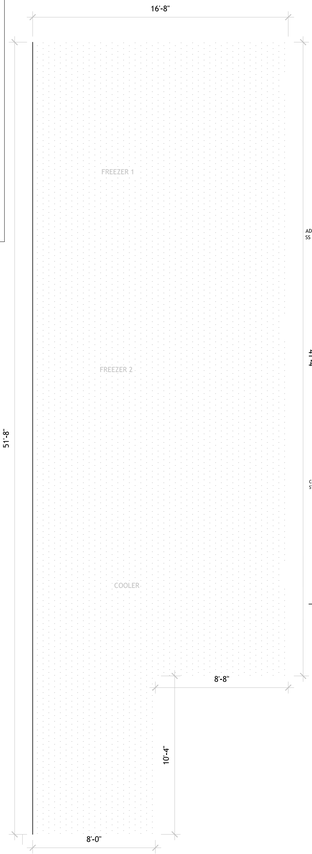




ICE MACHINE WASTE DETAIL



STEAMER OR COMBINATION OVEN DRAIN DETAIL



RECESS FOR WALKINS
FSC TO VERIFY

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: FOOD SERVICE WASTE

STATE OF ALABAMA
WALTER T. McKEE, JR.
No. 1082
MONTGOMERY, ALA.
REGISTERED ARCHITECT

PROJ. MGR.: VCH
DRAWN: VCH, AJB, KDD
DATE: 03.25.2026
REVISIONS
#1 04.17.2026 DCM COMMENTS

JOB NO. 25-160B
SHEET NO: FS-200

0 1" 2"

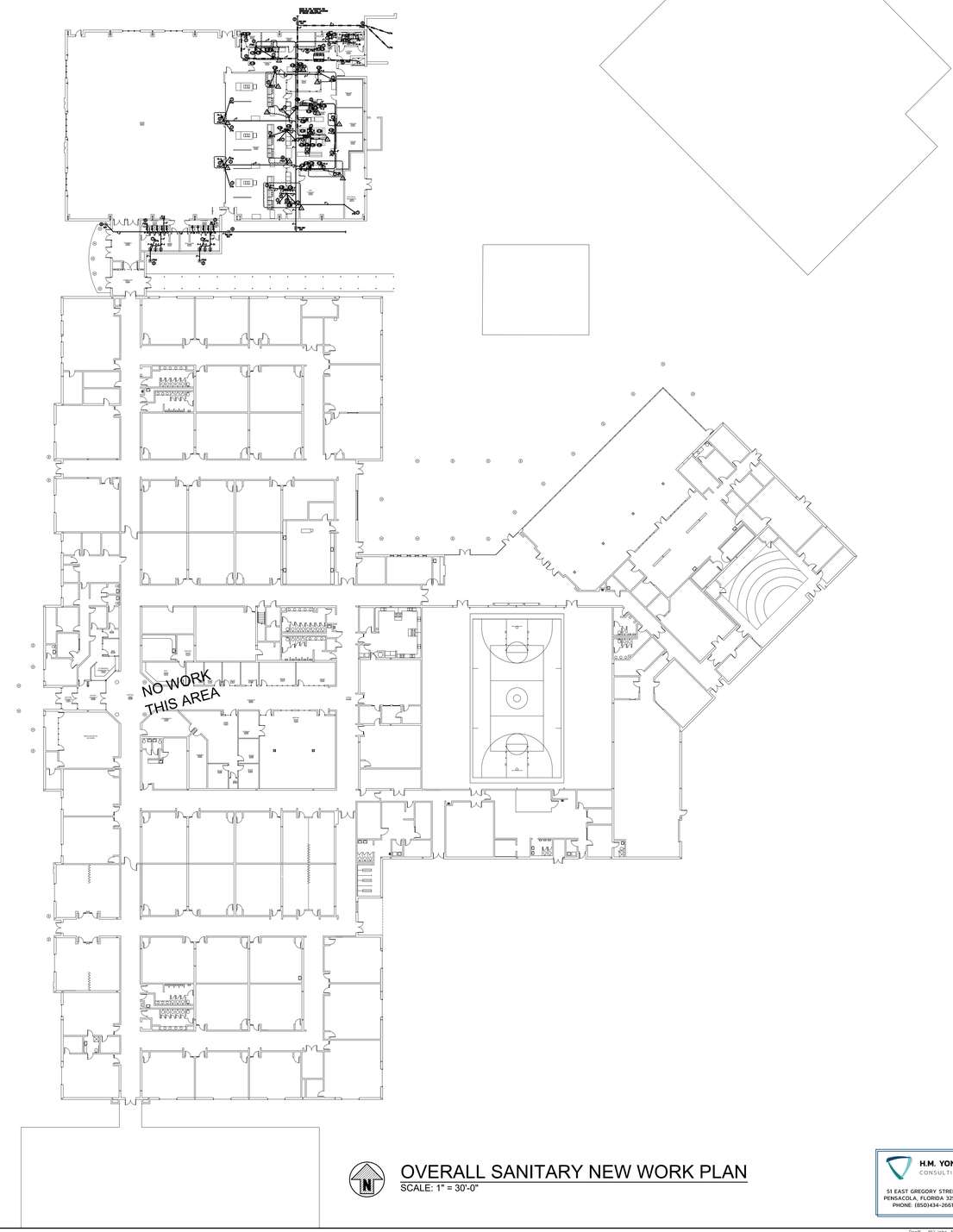
- Friday, April 17, 2026 3:55:46 PM

SANITARY WASTE GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND RATINGS OF FIRE-RATED WALLS AND SHALL PROVIDE UL APPROVED SLEEVES FOR ALL PIPING PENETRATIONS THROUGH RATED PARTITIONS AND FLOORS.
2. UNDERGROUND SANITARY WASTE AND VENT PIPING SHALL BE SMOKE TESTED PRIOR TO INSTALLATION OF PLUMBING FIXTURES.
3. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
4. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
5. ALL HORIZONTAL PORTIONS OF THE SANITARY WASTE PIPING SERVING FOR CONDENSATE DISPOSAL SHALL BE INSULATED WITH 1" THICK SECTIONAL FIBERGLASS INSULATION WITH AN "ASJ" JACKET. INSULATION SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. CONDENSATE DRAIN TRAP SHALL ALSO BE INSULATED.
6. PLUMBING DEVICES LOCATED IN WALLS, FLOORS, OR CEILINGS MUST BE FULLY SERVICE ACCESSIBLE. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND OTHER CONTRACTORS WHOSE WORK MAY BE AFFECTED.
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTRS AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTRS PER 2021 IMC.
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

SANITARY WASTE KEYNOTES:

1. PROVIDE DRAIN WITH TRAPGUARD (OR EQUAL) AS A TRAP PRIMER ALTERNATE.
2. CLEANOUT TO BE COMPLETELY SERVICE ACCESSIBLE.
3. DRAIN FOR CONDENSATE DISPOSAL FROM HVAC EQUIPMENT. COORDINATE FINAL LOCATION OF DRAIN WITH HVAC CONTRACTOR. PLUMBING CONTRACTOR SHALL PROVIDE A SUFFICIENTLY SIZED AIR GAP FITTING AT DRAIN TO ACCOMODATE HVAC EQUIPMENT AND AUXILIARY PAN CONDENSATE DRAINS.



OVERALL SANITARY NEW WORK PLAN

SCALE: 1" = 30'-0"

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: OVERALL SANITARY NEW WORK PLAN

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO:

P1.0

0 1" 2"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

SANITARY WASTE GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND RATINGS OF FIRE–RATED WALLS AND SHALL PROVIDE UL APPROVED SLEEVES FOR ALL PIPING PENETRATIONS THROUGH RATED PARTITIONS AND FLOORS.
2. UNDERGROUND SANITARY WASTE AND VENT PIPING SHALL BE SMOKE TESTED PRIOR TO INSTALLATION OF PLUMBING FIXTURES.
3. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
4. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF–CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
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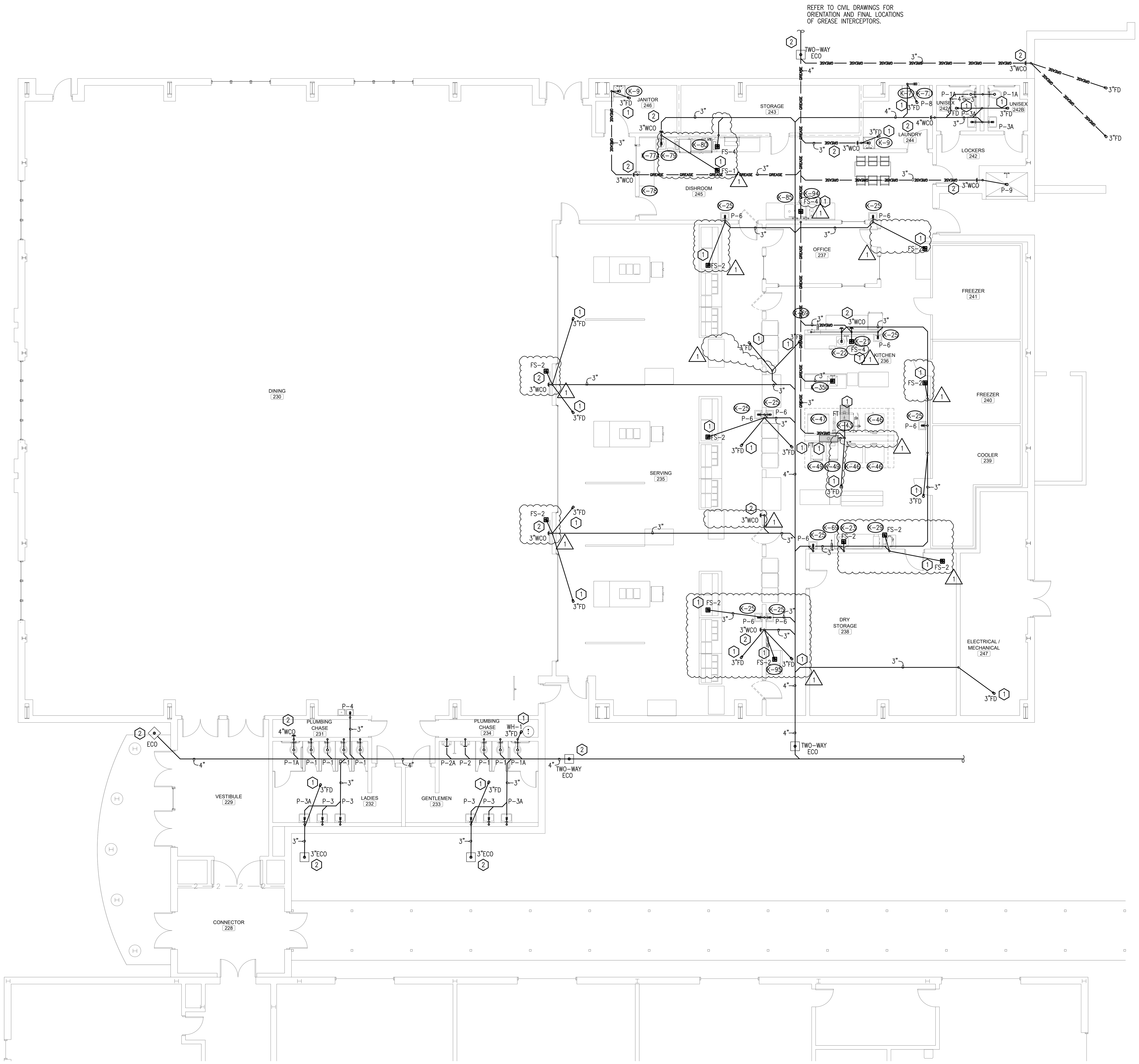
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTRS AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTRS PER 2021 IMC.
8. ALL PIPING PENETRATIONS OF FIRE–RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.
9. ALL FLOOR SINKS AND FLOOR TROUGHS SHALL BE SET NO HIGHER THAN FLUSH WITH FINISHED FLOOR. (1)

SANITARY WASTE KEYNOTES:

(1) PROVIDE DRAIN WITH TRAPGUARD (OR EQUAL) AS A TRAP PRIMER ALTERNATE.

(2) CLEANOUT TO BE COMPLETELY SERVICE ACCESSIBLE.

(3) DRAIN FOR CONDENSATE DISPOSAL FROM HVAC EQUIPMENT. COORDINATE FINAL LOCATION OF DRAIN WITH HVAC CONTRACTOR. PLUMBING CONTRACTOR SHALL PROVIDE A SUFFICIENTLY SIZED AIR GAP FITTING AT DRAIN TO ACCOMODATE HVAC EQUIPMENT AND AUXILIARY PAN CONDENSATE DRAINS.



SANITARY NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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

LATHAN ▪McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: SANITARY NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED No. 14948 PROFESSIONAL ENGINEER HOWARD M. YONGE
[illegible]
04/17/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: P1.1

0 1" 2"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET PENSACOLA, FLORIDA 32502 PHONE: (850)434-2661
253 ST. ANTHONY STREET MOBILE, ALABAMA 36603 PHONE: (251)690-7446

DOMESTIC WATER GENERAL NOTES:

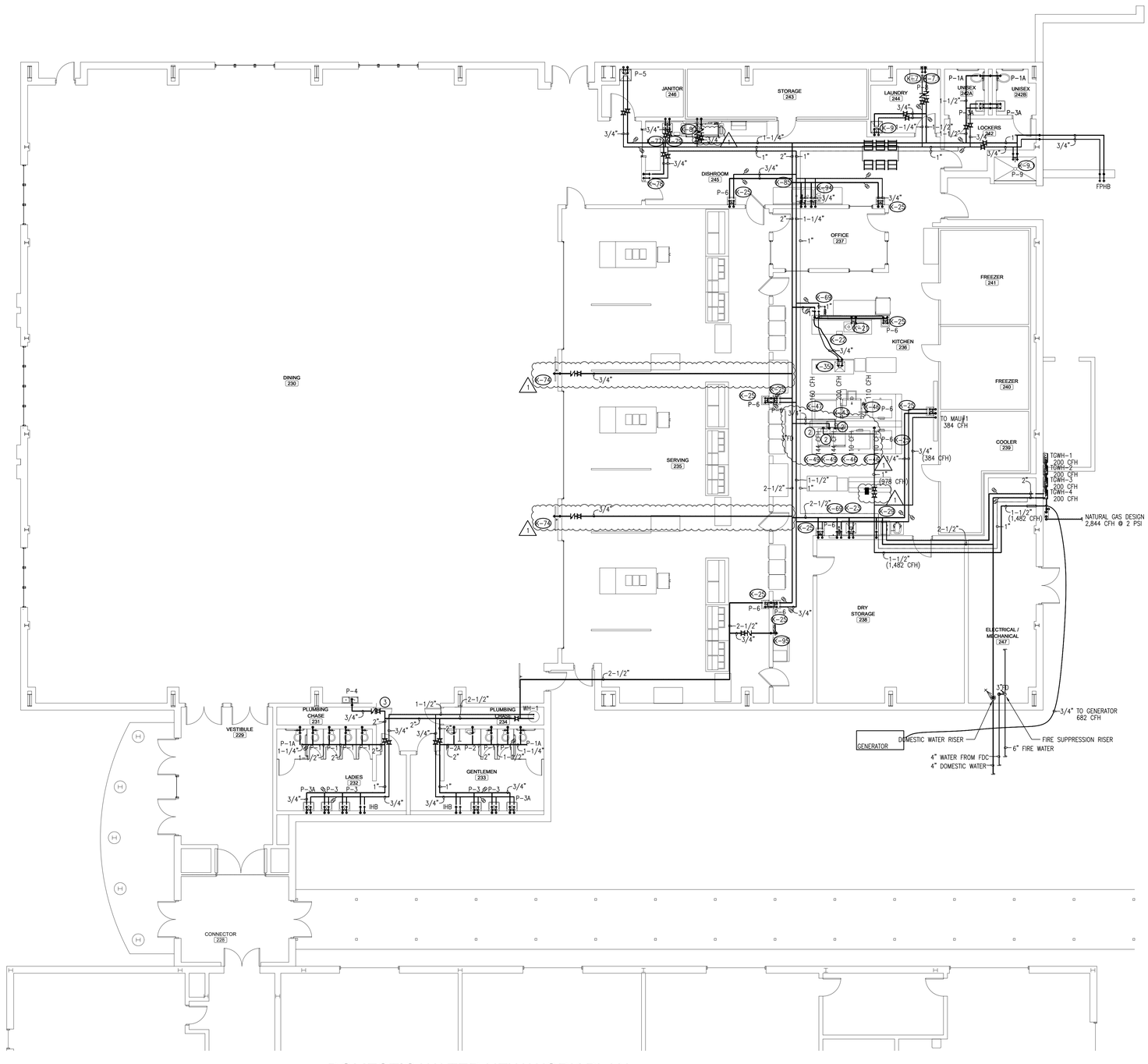
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND RATINGS OF FIRE-RATED WALLS AND SHALL PROVIDE UL APPROVED SLEEVES FOR ALL PIPING PENETRATIONS THROUGH RATED PARTITIONS AND FLOORS.
2. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
3. ALL FIXTURES MUST BE PROVIDED WITH STOPS. THOSE STOPS MUST BE FULLY ACCESSIBLE.
4. SINKS LOCATED IN PUBLIC AREAS MUST BE INSTALLED IN ACCORDANCE WITH ADA REQUIREMENTS.
5. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
6. PLUMBING DEVICES LOCATED IN WALLS, FLOORS, OR CEILINGS MUST BE FULLY SERVICE ACCESSIBLE. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND OTHER CONTRACTORS WHOSE WORK MAY BE AFFECTED.
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTR'S AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTR'S PER 2015 IMC.
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

DOMESTIC WATER KEYNOTES:

1. EXTEND TRAP PRIMER PIPING FROM FLOOR DRAIN UP INSIDE WALL FOR CONNECTION TO A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT.
2. CONNECTIONS TO UTILITY DISTRIBUTION SYSTEM, UDS. CONNECTIONS SHALL INCLUDE FOR DOMESTIC COLD WATER, FOR DOMESTIC HOT WATER, AND FOR NATURAL GAS. REFER TO MANUFACTURER'S DATA FOR FURTHER INFORMATION.
3. UNITS SHALL BE PROVIDED WITH BACKFLOW PROTECTION COMPLYING TO 2021 IPC 608.3.
4. FOR SHUTOFF OF NATURAL GAS TO KITCHEN APPLIANCES BY AIR CONDITIONING REFRIDGERANT MONITOR. REFERENCE HVAC PLANS.

ANY EXPOSED UTILITY LINES, PLUMBING LINES, AND DRAIN LINES BEHIND THE EQUIPMENT UNDER THE HOOD SHALL BE INSTALLED SUCH THAT THEY DO NOT OBSTRUCT EFFORTS TO CLEAN FLOORS, WALLS, OR THE HOOD. ANY HORIZONTAL LINES IN THIS AREA SHALL BE A MINIMUM OF 1'-6" ABOVE THE FINISHED FLOOR TO ELIMINATE THEIR CAUSING ANY OBSTRUCTION TO CLEANING EFFORTS.

1



DOMESTIC WATER NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: DOMESTIC WATER NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED PROFESSIONAL ENGINEER No. 14948 HENRY M. YONGE 04/17/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: P2.1

0 1" 2"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7445

KITCHEN EQUIPMENT LISTING

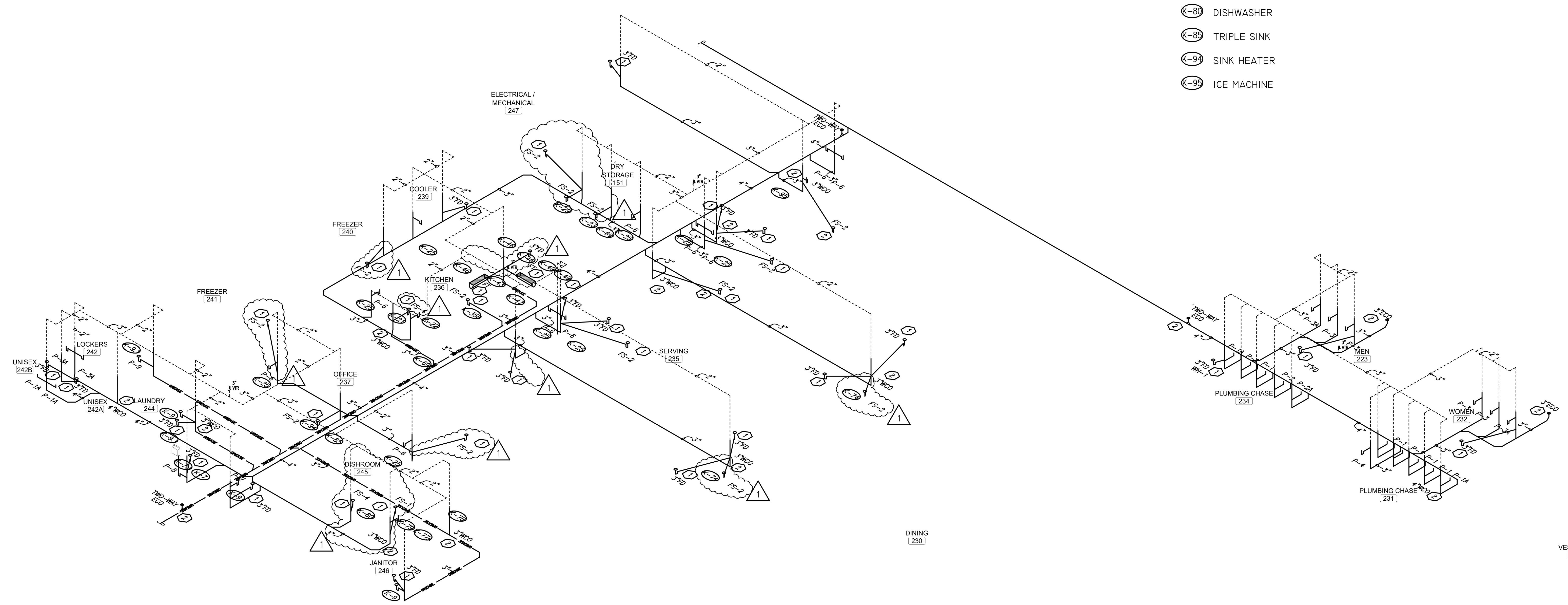
K-7	CLOTHES WASHER
K-7.1	CLOTHES DRYER
K-9	MOP SINK
K-9.1	SERVICE FAUCETS
K-21	DOUBLE SINK
K-22	DISPOSAL
K-23	SINK
K-25	HAND SINK
K-26	WASTE RECEPTICAL
K-29	HOT WATER DISPENSER
K-35D	WORK TABLE WITH SINK
K-41.1	UTILITY DISTRIBUTION SYSTEM
K-43	GAS BRAISING PAN
K-46	GAS CONVECTION DOUBLE STACK OVEN
K-47	GAS COMBINATION DOUBLE STACK OVEN
K-48	FLOOR TROUGH
K-49	GAS STEAMER
K-69	HOSE REEL
K-74	ICE MACHINE
K-77A	PRE-RINSE FAUCET
K-78	HOSE REEL
K-79	DISPOSAL
K-80	DISHWASHER
K-85	TRIPLE SINK
K-94	SINK HEATER
K-95	ICE MACHINE

SANITARY WASTE GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND RATINGS OF FIRE-RATED WALLS AND SHALL PROVIDE UL APPROVED SLEEVES FOR ALL PIPING PENETRATIONS THROUGH RATED PARTITIONS AND FLOORS.
2. UNDERGROUND SANITARY WASTE AND VENT PIPING SHALL BE SMOKE TESTED PRIOR TO INSTALLATION OF PLUMBING FIXTURES.
3. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
4. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
5. ALL HORIZONTAL PORTIONS OF THE SANITARY WASTE PIPING SERVING FOR CONDENSATE DISPOSAL SHALL BE INSULATED WITH 1" THICK SECTIONAL FIBERGLASS INSULATION WITH AN "ASJ" JACKET. INSULATION SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. CONDENSATE DRAIN TRAP SHALL ALSO BE INSULATED.
6. PLUMBING DEVICES LOCATED IN WALLS, FLOORS, OR CEILINGS MUST BE FULLY SERVICE ACCESSIBLE. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND OTHER CONTRACTORS WHOSE WORK MAY BE AFFECTED.
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTRS AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTRS PER 2021 IMC.
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.
9. ALL FLOOR SINKS AND FLOOR TROUGHS SHALL BE SET NO HIGHER THAN FLUSH WITH FINISHED FLOOR. 1

SANITARY WASTE KEYNOTES:

1. PROVIDE DRAIN WITH TRAPGUARD (OR EQUAL) AS A TRAP PRIMER ALTERNATE.
2. CLEANOUT TO BE COMPLETELY SERVICE ACCESSIBLE.
3. DRAIN FOR CONDENSATE DISPOSAL FROM HVAC EQUIPMENT. COORDINATE FINAL LOCATION OF DRAIN WITH HVAC CONTRACTOR. PLUMBING CONTRACTOR SHALL PROVIDE A SUFFICIENTLY SIZED AIR GAP FITTING AT DRAIN TO ACCOMODATE HVAC EQUIPMENT AND AUXILIARY PAN CONDENSATE DRAINS.



SANITARY WASTE RIPER DIAGRAM - CAFETERIA-KITCHEN BUILDING

SCALE: NONE

LATHAN McKEE ARCHITECTS

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
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SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

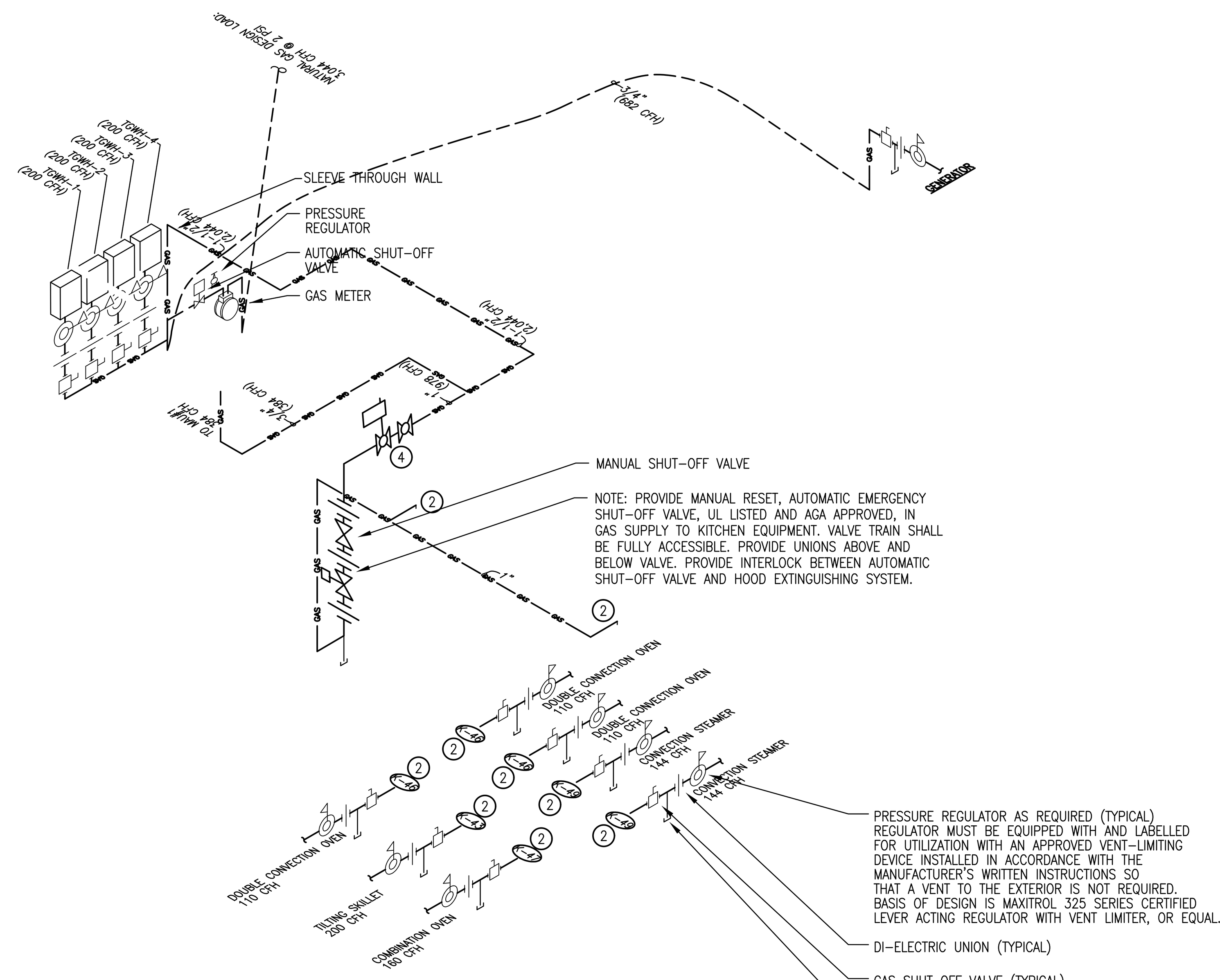
SHEET TITLE: SANITARY WASTE RISER DIAGRAM - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED No. 14948 PROFESSIONAL ENGINEER HOWARD M. YONGE
[illegible]
04/17/26

PROJ. MGR.: H.M. YONGE
DRAWN: D. B.
DATE: 03/25/26
REVISIONS
#1 04/17/26 DCM COMMENTS

JOB NO. 25-160B
SHEET NO: P3.1

0 1" 2"



NATURAL GAS RISER DIAGRAM - CAFETERIA-KITCHEN BUILDING

SCALE: NONE

KITCHEN EQUIPMENT LISTING

- K-7 CLOTHES WASHER
- K-7.1 CLOTHES DRYER
- K-9 MOP SINK
- K-9.1 SERVICE FAUCETS
- K-21 DOUBLE SINK
- K-22 DISPOSAL
- K-23 SINK
- K-25 HAND SINK
- K-29 HOT WATER DISPENSER
- K-35D WORK TABLE WITH SINK
- K-43 GAS BRAISING PAN
- K-46 GAS CONVECTION DOUBLE OVEN
- K-47 GAS COMBINATION DOUBLE OVEN
- K-49 GAS STEAMER
- K-69 HOSE REEL
- K-74 ICE MACHINE
- K-77A FAUCET
- K-78 HOSE REEL
- K-79 DISPOSAL
- K-80 DISHWASHER
- K-85 TRIPLE SINK
- K-94 SINK HEATER
- K-95 ICE MACHINE

DOMESTIC WATER GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND RATINGS OF FIRE-RATED WALLS AND SHALL PROVIDE UL APPROVED SLEEVES FOR ALL PIPING PENETRATIONS THROUGH RATED PARTITIONS AND FLOORS.
2. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
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4. SINKS LOCATED IN PUBLIC AREAS MUST BE INSTALLED IN ACCORDANCE WITH ADA REQUIREMENTS.
5. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
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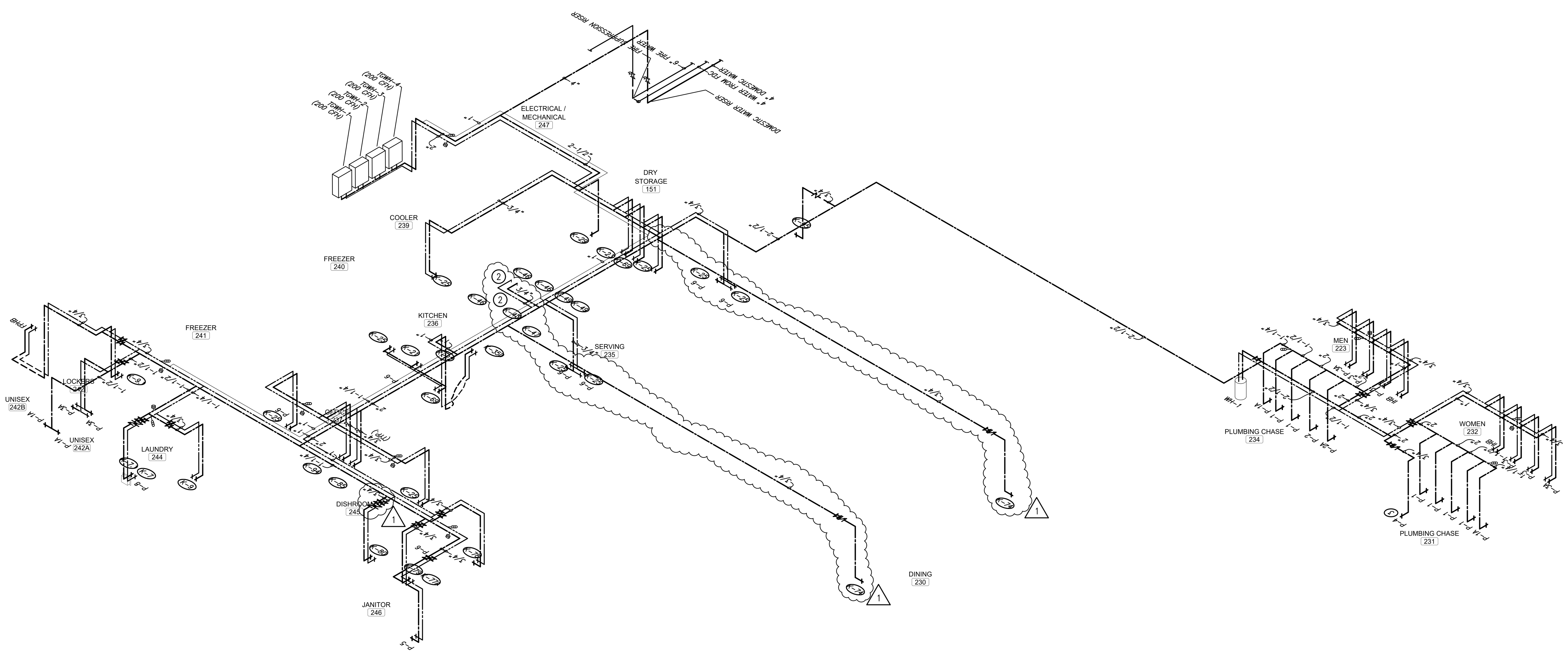
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

DOMESTIC WATER KEYNOTES:

1. EXTEND TRAP PRIMER PIPING FROM FLOOR DRAIN UP INSIDE WALL FOR CONNECTION TO A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT.
2. CONNECTIONS TO UTILITY DISTRIBUTION SYSTEM, UDS. CONNECTIONS SHALL INCLUDE FOR DOMESTIC COLD WATER, FOR DOMESTIC HOT WATER, AND FOR NATURAL GAS. REFER TO MANUFACTURER'S DATA FOR FURTHER INFORMATION.
3. UNITS SHALL BE PROVIDED WITH BACKFLOW PROTECTION COMPLYING TO 2021 IPC 608.3.
4. FOR SHUTOFF OF NATURAL GAS TO KITCHEN APPLIANCES BY AIR CONDITIONING REFRIDGERANT MONITOR. REFERENCE HVAC PLANS.

ANY EXPOSED UTILITY LINES, PLUMBING LINES, AND DRAIN LINES BEHIND THE EQUIPMENT UNDER THE HOOD SHALL BE INSTALLED SUCH THAT THEY DO NOT OBSTRUCT EFFORTS TO CLEAN FLOORS, WALLS, OR THE HOOD. ANY HORIZONTAL LINES IN THIS AREA SHALL BE A MINIMUM OF 1'-6" ABOVE THE FINISHED FLOOR TO ELIMINATE THEIR CAUSING ANY OBSTRUCTION TO CLEANING EFFORTS.



DOMESTIC WATER RISER DIAGRAM - CAFETERIA-KITCHEN BUILDING

SCALE: NONE

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661

253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

LATHAN ▪McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: DOMESTIC WATER and NATURAL GAS RISER DIAGRAMS - CAFETERIA-KITCHEN BUILDING

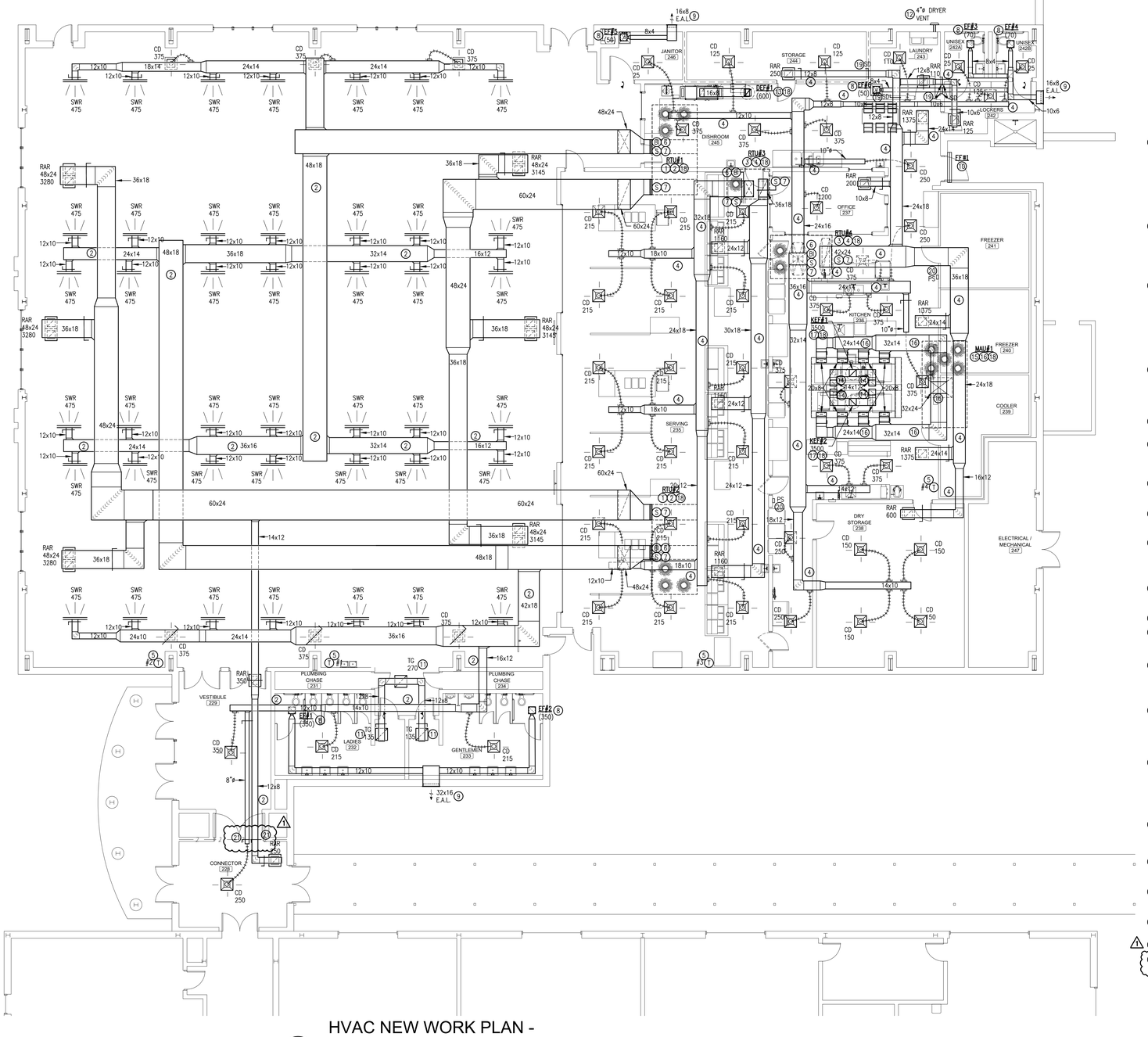
ALABAMA LICENSED No. 14948 PROFESSIONAL ENGINEER HOWARD M. YONGE
[illegible]
04/17/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: P3.2

0 1" 2"



HVAC NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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

CONTROLS SCOPE OF WORK: CAFETERIA/KITCHEN

ENGINEERED COOLING SERVICES TO PROVIDE AND INSTALL A SIEMENS BACNET CONTROL SYSTEM AND EXTENSION TO EXISTING TRIDIUM N4 GRAPHICAL WORKSTATION FOR FAIRHOPE HIGH SCHOOL MEDIA CENTER AND CAFETERIA / KITCHEN IMPROVEMENTS

CAFETERIA / KITCHEN

BACNET INTEGRATION TO TWO (2) PACKAGED DX ROOFTOP AIR HANDLING UNITS (RTU-1,2)
- BACNET INTEGRATION TO UNITS; RTU VENDOR TO FACTORY PROVIDE ON-BOARD CONTROLLER WITH ALL REQUIRED CONTROL DEVICES AND BACNET CARD PER M3.0
- ECS TO FIELD INSTALL RTU VENDOR PROVIDED ZONE SENSOR

BACNET INTEGRATION TO TWO (2) PACKAGED HEAT PUMP UNITS (RTU-3,4)
- BACNET INTEGRATION TO UNITS; UNIT VENDOR TO FACTORY PROVIDE ON-BOARD CONTROLLER WITH ALL REQUIRED CONTROL DEVICES AND BACNET CARD PER M3.0
- ECS TO FIELD INSTALL THE RTU VENDOR PROVIDED ZONE SENSOR

EXHAUST FAN INTERLOCK
- EXHAUST FAN START/STOP AND STATUS (DEF#1)

EXTENSION OF EXISTING TRIDIUM N4 GRAPHICAL WORKSTATION:
- ETHERNET SWITCH
- MAP IN NEW BACNET DEVICES TO EXISTING TRIDIUM SUPERVISOR
- PROVIDE REQUIRED DEVICE LICENSES FOR NEWLY INTEGRATED EQUIPMENT
- UPDATE FLOOR PLAN GRAPHICS AND INDIVIDUAL SYSTEM GRAPHICS FOR ATUS, RTUS, EFS, ETC.
- SET-UP REQUIRED SCHEDULES, ALARMS, TRENDS, REMOTE NOTIFICATION

TEST AND BALANCE SUPPORT
AS-BUILT CONTROL DRAWINGS
ONE-YEAR WARRANTY ON NEW MATERIAL

EXCLUSIONS AND CLARIFICATIONS:
- DEMOLITION BY OTHERS
- ECS TO CAREFULLY REMOVE PROPRIETARY TECS AND RETURN TO BCBE FOR SERVICE STOCK
- IP DROP AT DDC CONTROLLER LOCATION BY BCBE
- ALL EXISTING TO REMAIN HVAC MECHANICAL EQUIPMENT AND CONTROLS ARE ASSUMED OPERATIONAL
- BI-POLAR IONIZATION DEVICE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR
- NO WORK ASSOCIATED WITH KITCHEN HOOD / MAKEUP AIR UNIT
- NO WORK ASSOCIATED WITH BUILDING FIRE ALARM SIGNAL; SMOKE DETECTORS AND WIRING
- ALL REQUIRED SMOKE, FIRE/SMOKE DAMPERS, ACTUATORS AND WIRING BY OTHERS
- TEST & BALANCE BY OTHERS
- NO PATCHING OR PAINTING INCLUDED
- ALL REQUIRED MOTOR STARTERS AND DISCONNECTS BY OTHERS
- H-O-A'S FOR HVAC EQUIPMENT BY OTHERS
- ALL WELLS, PRESSURE TAPS, P/TS, TEMPERATURE AND PRESSURE GAUGES BY MECHANICAL
- FLOW CONTROL-BALANCING VALVES AND MANUAL VALVES BY MECHANICAL

HVAC NEW WORK KEY NOTES:

1. ROOF MOUNTED PACKAGED AIR CONDITIONING UNIT WITH FULL PERIMETER CURB. CURB SHALL BE AS PROVIDED BY EQUIPMENT MANUFACTURER. SECURE UNIT TO CURB AND CURB TO ROOF STRUCTURE WITH 3/16 INCH MECHANICAL FASTENERS SPACED 24 INCHES ON CENTER PER ITEM. EXTEND FROM UNIT FULL SIZE OF OPENING A CONDENSATE DRAIN LINE OVER TO NEAREST ROOF DRAIN. ROUTE DRAIN LINE ACROSS ROOF SUPPORTED EVERY 48 INCHES WITH A HIGH DENSITY POLYETHYLENE PIPE SUPPORT CURB. SECURE CURB TO ROOF STRUCTURE WITH MASTIC AS RECOMMENDED BY ROOFING CONTRACTOR. SECURE DRAIN LINE TO CURB WITH UNISTRUT TYPE CLAMP SYSTEM. OUTDOOR AIR INTAKE ASSEMBLY SHALL INCLUDE A MOTORIZED DAMPER AND A MANUAL VOLUME DAMPER. BALANCE MANUAL VOLUME DAMPER TO INDICATED AIR FLOW. INTERLOCK MOTORIZED DAMPER WITH TEMPERATURE CONTROLLER SUCH THAT DAMPER SHALL BE OPEN DURING OCCUPIED HOURS AND CLOSED OTHERWISE.
2. SUPPLY AND RETURN AIR DUCTWORK SHALL BE EXTENDED UP FROM FULL SIZE OF UNIT OPENING WITH TRANSITION TO INDICATED DUCT SIZE. ROUTE DUCT OVER TO EXTERIOR WALL TO TURN UP ON WALL TO PENETRATE EXTERIOR WALL ABOVE CAFETERIA CEILING ELEVATION. ADJUST FINAL POSITION TO ACCOMMODATE FIELD CONDITIONS. ROUTE DUCT GENERALLY AS INDICATED WITH OFFSETS TO AVOID OBSTRUCTIONS. EXTEND BRANCH DUCT FOR CONNECTION TO DESIGNATED AIR DEVICES. INCLUDE A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT AND BALANCE TO INDICATED AIR FLOW. COORDINATE FINAL ELEVATIONS WITH ADJACENT DUCT SYSTEMS.
3. ROOF MOUNTED PACKAGED HEAT PUMP UNIT WITH FULL PERIMETER CURB. CURB SHALL BE AS PROVIDED BY EQUIPMENT MANUFACTURER. SECURE UNIT TO CURB AND CURB TO ROOF STRUCTURE WITH 3/16 INCH MECHANICAL FASTENERS SPACED 24 INCHES ON CENTER PER ITEM. EXTEND FROM UNIT FULL SIZE OF OPENING A CONDENSATE DRAIN LINE OVER TO NEAREST ROOF DRAIN. ROUTE DRAIN LINE ACROSS ROOF SUPPORTED EVERY 48 INCHES WITH A HIGH DENSITY POLYETHYLENE PIPE SUPPORT CURB. SECURE CURB TO ROOF STRUCTURE WITH MASTIC AS RECOMMENDED BY ROOFING CONTRACTOR. SECURE DRAIN LINE TO CURB WITH UNISTRUT TYPE CLAMP SYSTEM. OUTDOOR AIR INTAKE ASSEMBLY SHALL INCLUDE A MOTORIZED DAMPER AND A MANUAL VOLUME DAMPER. BALANCE MANUAL VOLUME DAMPER TO INDICATED AIR FLOW. INTERLOCK MOTORIZED DAMPER WITH TEMPERATURE CONTROLLER SUCH THAT DAMPER SHALL BE OPEN DURING OCCUPIED HOURS AND CLOSED OTHERWISE.
4. SUPPLY AND RETURN AIR DUCTWORK SHALL BE EXTENDED DOWN FROM FULL SIZE OF UNIT OPENING WITH TRANSITION TO INDICATED DUCT SIZE TO UNDERSIDE OF ROOF SUPPORT STRUCTURE ABOVE CEILING ELEVATION. ADJUST FINAL POSITION TO ACCOMMODATE FIELD CONDITIONS. ROUTE DUCT GENERALLY AS INDICATED WITH OFFSETS TO AVOID OBSTRUCTIONS. EXTEND BRANCH DUCT FOR CONNECTION TO DESIGNATED AIR DEVICES. INCLUDE A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT AND BALANCE TO INDICATED AIR FLOW. COORDINATE FINAL ELEVATIONS WITH ADJACENT DUCT SYSTEMS.
5. WALL MOUNTED ZONE SENSOR PROVIDED BY UNIT MANUFACTURER, INSTALLED BY CONTROLS CONTRACTOR.
6. AIR PURIFICATION DEVICE (BI-POLAR TYPE) TO BE INSTALLED IN SUPPLY AIR DUCT OR ON AIR HANDLING UNIT PER MANUFACTURER'S INSTRUCTIONS. INTERLOCK DEVICE WITH AIR HANDLING UNIT SUCH THAT AS UNIT IS OPERATING THE DEVICE SHALL BE OPERATING. OTHERWISE, BOTH SHALL NOT BE OPERATING.
7. SMOKE DETECTOR MOUNTED IN SUPPLY AND RETURN AIR DUCTWORK. SMOKE DETECTOR IN RETURN AIR DUCT SHALL BE UP STREAM OF OUTDOOR AIR INTAKE. AS EITHER DETECTOR IS ACTIVATED, THE AIR HANDLING UNIT SHALL AUTOMATICALLY SHUT DOWN AND A SIGNAL SENT TO THE FIRE ALARM PANEL.
8. CEILING MOUNTED EXHAUST FAN WITH DISCHARGE DUCT ROUTED FOR CONNECTION TO EXHAUST AIR MANIFOLD. EXHAUST AIR MANIFOLD SHALL BE EXTENDED FOR TERMINATION ON EXTERIOR WALL WITH DISCHARGE AIR LOUVER. CONTROL OF EXHAUST FAN SHALL BE AS SCHEDULED.
9. WALL MOUNTED EXHAUST AIR LOUVER TO BE WEATHERPROOF AND HURRICANE RATED PER MIAMI-DADE STANDARDS. ADJUST FINAL LOCATION OF LOUVER TO ACCOMMODATE ARCHITECTURAL PLANS. EXHAUST AIR MANIFOLD TO BE EXTENDED TO EXTERIOR WALL FOR CONNECTION TO EXHAUST AIR PLENUM. PLENUM SHALL BE FULL SIZE OF LOUVER. ADJUST FINAL LENGTH OF PLENUM TO ACCOMMODATE DUCT CONNECTIONS. PLENUM AND EXHAUST DUCT SHALL BE INSULATED.
10. FLY FAN TO BE INSTALLED OVER FULL LENGTH OF DOOR. FAN CONTROL SHALL BE FROM DOOR SWITCH SUCH THAT AS DOOR IS OPEN FAN SHALL BE OPERATING AND OTHERWISE FAN SHALL NOT BE OPERATING.
11. TRANSFER AIR DUCT WITH TRANSFER GRILLES AT EACH END AND ONE TRANSFER GRILLE AT CENTER.
12. CLOTHES DRYER LINT EXHAUST VENT TO BE EXTENDED FROM FULL SIZE OF DRYER VENT OPENING (VERIFY AS 4 INCHES). EXTEND EXHAUST VENT ADJACENT TO WALL TO TERMINATE ON WALL WITH FULL SIZE VENT CAP HAVING A BACK DRAFT DAMPER/FLAPPER.
13. ROOF MOUNTED DISHWASHER HOOD EXHAUST FAN. EXHAUST DUCT SHALL BE ROUTED TO ABOVE CEILING AND OVER TO PENETRATE ROOF TO CONNECT DUCT TO DEF#1. EXHAUST FAN SHALL BE MOUNTED ON FULL PERIMETER CURB. CONTROL OF FAN SHALL BE THROUGH THE BUILDING AUTOMATION SYSTEM SUCH THAT THE FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS AND OTHERWISE NOT BE OPERATIONAL.
14. MECHANICAL CONTRACTOR TO COORDINATE INSTALLATION AND OPERATIONAL REQUIREMENTS WITH KITCHEN COOKING HOOD MANUFACTURER. ADJUST EXHAUST AND MAKE-UP AIR FLOWS ACCORDINGLY. EXTEND EXHAUST DUCTS UP FROM HOOD FOR CONNECTION TO EXHAUST AIR MANIFOLD. ADJUST DUCT SIZING TO MAINTAIN 1500 FPM VELOCITY. TURN EXHAUST DUCT UP AND ROUTE OVER FOR CONNECTION TO ROOF MOUNTED EXHAUST FAN. INSTALL EXHAUST HOOD AND EXHAUST FAN PER REQUIREMENTS OF NFPA AND DETAIL.
15. MAKE-UP AIR UNIT FOR KITCHEN HOOD PLENUMS SHALL BE PRECONDITIONED 100% OUTDOOR AIR. UNIT SHALL BE PACKAGED AND ROOF MOUNTED WITH FULL PERIMETER CURB AS PROVIDED BY UNIT MANUFACTURER. ROOF CURB SHALL BE A MINIMUM OF 18 INCHES TALL TO ALLOW SUPPLY AIR DUCTWORK TO TRANSITION INSIDE OF CURB BEFORE PENETRATING ROOF. MECHANICAL CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR TO ENSURE TOP ELEVATION OF UNIT IS NOT MORE THAN 46 INCHES ABOVE ROOF DECK. ADJUST CURB HEIGHT ACCOMMODATE FINAL ELEVATION. MAKE-UP AIR INTAKE HOOD SHALL BE 10' (MINIMUM) FROM ANY EXHAUST DISCHARGE.
16. MAKE-UP AIR DUCT SHALL BE ROUTED DOWN THROUGH ROOF JOISTS TO ABOVE CEILING WITH BRANCH DUCT CONNECTIONS BEING EXTENDED FOR CONNECTION TO DESIGNATED LOCATIONS ON KITCHEN HOOD PLENUM. INCLUDE A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT AND BALANCE TO DESIGNATED AIR FLOW.
17. ROOF MOUNTED KITCHEN HOOD EXHAUST FAN MOUNTED ON ROOF CURB. ADJUST HEIGHT OF ROOF CURB SUCH THAT POINT OF DISCHARGE FROM FAN IS MINIMUM OF 42 INCHES ABOVE ROOF DECK. INSTALLATION OF FAN SHALL BE HINGED FOR MAINTENANCE ACCESS.
18. ROOF MOUNTED EQUIPMENT SHALL BE SECURED TO ROOF CURB AND ROOF CURB SECURED TO ROOF STRUCTURE WITH A MINIMUM OF ONE MECHANICAL FASTENER PER SIDE AND AS SPACE IS AVAILABLE EVERY 24 INCHES. MECHANICAL FASTENER SHALL BE 3/16" IN DIAMETER.
19. SMOKE DAMPER INSTALLED IN DUCTWORK IN WALL PENETRATION. INTERLOCK WITH SMOKE DETECTOR LOCATED IN LAUNDRY ROOM.
20. KITCHEN HOOD PULL STATION.
21. FIRE DAMPER INSTALLED IN DUCTWORK IN WALL PENETRATION. INCLUDE 12X12 ACCESS PANEL OR REMOVAL DUCT TO ALLOW ACCESS TO FIRE DAMPER.

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7446

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SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: HVAC NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED PROFESSIONAL ENGINEER NO. 14948 RICHARD M. YONGE

PROJ. MGR.: H.M. YONGE
DRAWN: A. HASKEW
DATE: 03/25/26

REVISIONS

#		
#1	04/17/26	DCM COMMENTS

JOB NO. 25-160B
SHEET NO: M1.1

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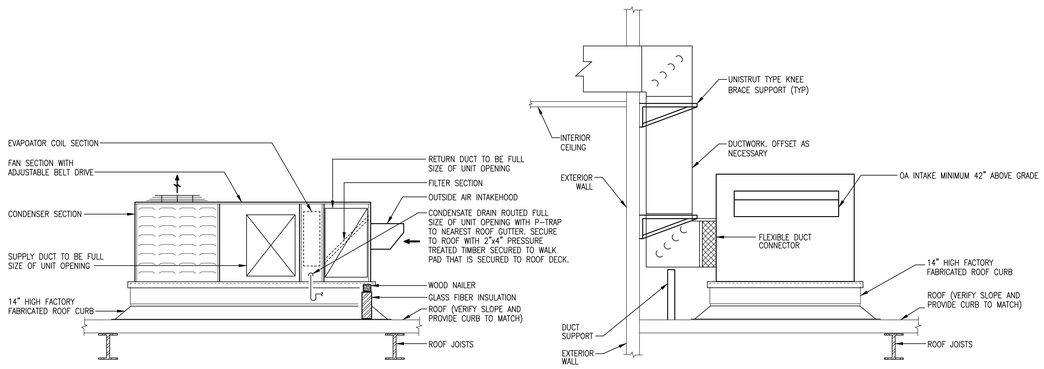
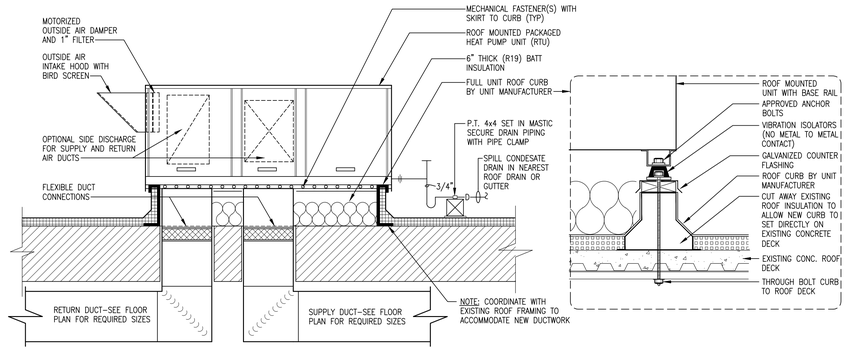


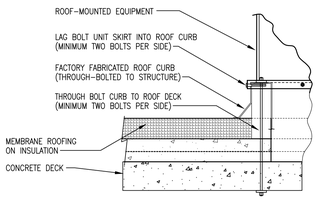
TYPICAL PACKAGED ROOF MOUNTED AIR CONDITIONING UNIT DETAIL

NOT TO SCALE



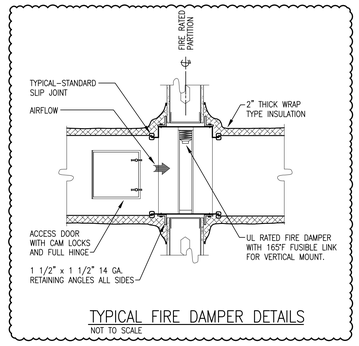
TYPICAL PACKAGED ROOFTOP HEAT PUMP UNIT DETAIL

NOT TO SCALE



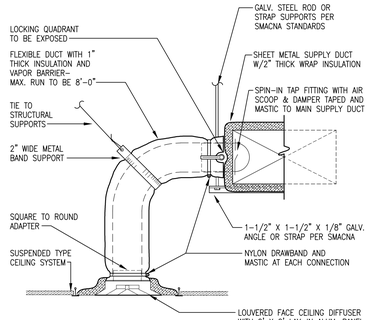
TYPICAL ROOF CURB EQUIPMENT DETAIL

NOT TO SCALE



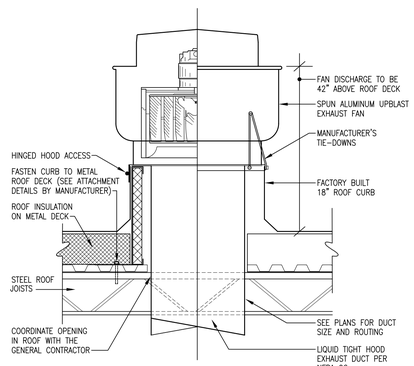
TYPICAL FIRE DAMPER DETAILS

NOT TO SCALE



TYPICAL CEILING DIFFUSER DETAIL

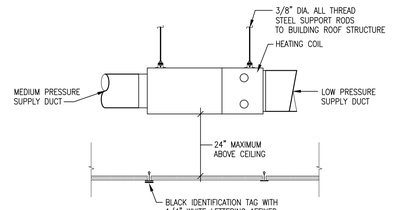
NOT TO SCALE



NOTE:
ATTACHMENT OF THE FAN TO THE CURB AND ATTACHMENT OF THE CURB TO THE ROOF DECK SHALL COMPLY WITH THE FAN MANUFACTURERS TESTED ATTACHMENT METHODS FOR THE 140 MPH WIND LOADING CRITERIA. COORDINATE ROOF STRUCTURE WITH ARCHITECT PRIOR TO BEGINNING ANY WORK.

KITCHEN HOOD EXHAUST FAN DETAIL

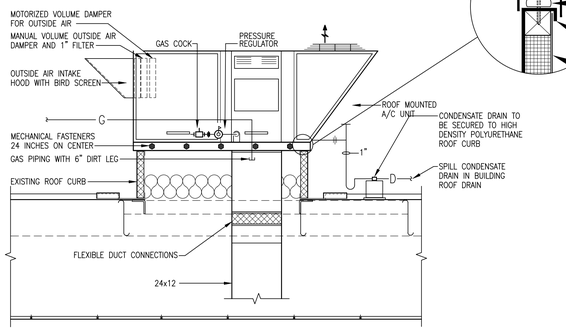
NOT TO SCALE



NOTE: SERVICE ACCESS FOR POWER AND CONTROL PANELS MUST BE COORDINATED WITH OTHER TRADES.

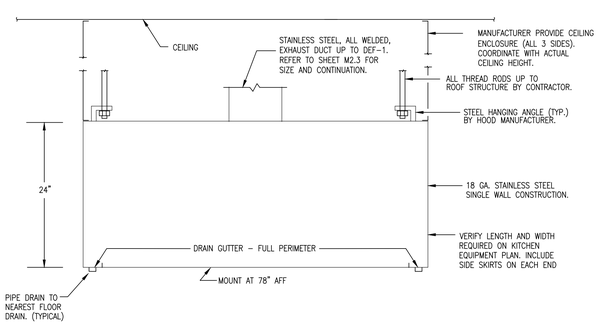
VAV BOX DETAIL

NOT TO SCALE



TYPICAL ROOFTOP 100% OUTDOOR AIR UNIT DETAIL

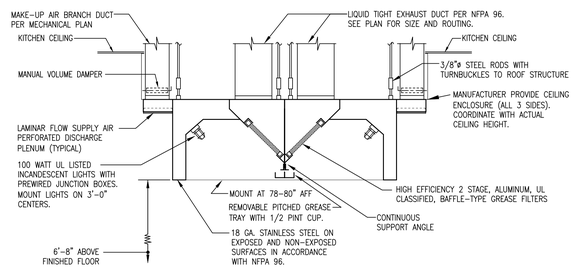
NOT TO SCALE



NOTE: COORDINATE LENGTH, WIDTH AND MOUNTING HEIGHT OF HOOD WITH DISHWASHER REQUIREMENTS (VERIFY DIMENSIONS PRIOR TO ORDERING HOOD) HOOD SHALL BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.

DISHWASHER HOOD (TYPE II) DETAIL

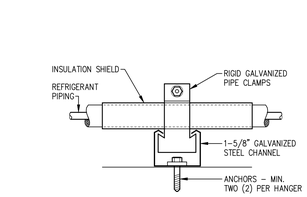
NOT TO SCALE



NOTES:
1. WIDTH OF HOOD SHALL BE 6" LARGER THAN LARGEST PIECE OF COOKING EQUIPMENT AND 12" LONGER THAN SUM OF COOKING EQUIPMENT LENGTHS WITH CONSIDERATION GIVEN TO CLEARANCE BETWEEN COOKING EQUIPMENT HOOD SUPPLIER SHALL PROVIDE. AUTOMATIC SHUT OFF, MANUAL RESET GAS VALVE SHALL NOT BE ELECTRONIC SOLENOID TYPE. GAS VALVE SHALL BE SPRING LOADED, MANUAL RESET TYPE.
2. KITCHEN HOOD TO BE PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.
3. A CHEMICAL FIRE SUPPRESSION SYSTEM SHALL BE INCLUDED AS AN INTEGRAL PART OF THE HOOD SYSTEM. UPON ACTIVATION OF CHEMICAL SYSTEM SUPPLY FANS SHALL SHUT DOWN AND EXHAUST FANS SHALL OPERATE.
4. BOTH HOODS SHALL OPERATE SIMULTANEOUSLY SUCH THAT ALL SUPPLY AND EXHAUST FANS OPERATE AT SAME TIME.
5. PROVIDE AN INTEGRAL THERMAL SENSOR WITH HOOD CONTROLS TO AUTOMATICALLY ACTIVATE FANS AS COOKING EQUIPMENT IS ENERGIZED.
6. PROVIDE HIGH TEMPERATURE SENSOR WITH HOOD CONTROLS TO SHUT-OFF POWER AND GAS SERVICE TO HOODS.
7. PROVIDE ALL INTERCONNECTS AND RELAY CONTROL BOXES REQUIRED FOR HOOD CONTROL AND SPECIFICALLY FOR FIRE SUPPRESSION EQUIPMENT CONTROL SYSTEM.

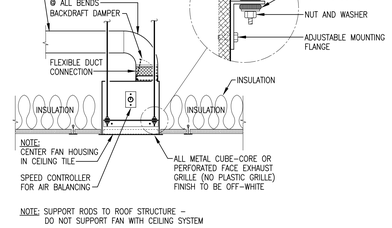
TYPICAL TYPE I KITCHEN HOOD DETAIL

NOT TO SCALE



REFRGERANT/CONDENSATE PIPE SUPPORT DETAIL

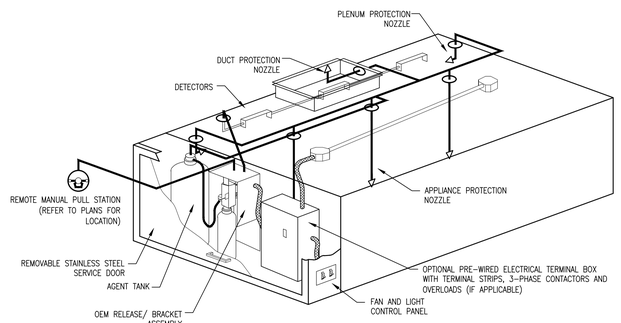
NOT TO SCALE



NOTE: SUPPORT RODS TO ROOF STRUCTURE - DO NOT SUPPORT FAN WITH CEILING SYSTEM

TYPICAL EXHAUST FAN DETAIL

NOT TO SCALE



TYPICAL ANSUL R-102 SYSTEM LAYOUT FOR TYPE I HOOD

NOT TO SCALE

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: HVAC DETAILS

ALABAMA No. 14048 PROFESSIONAL ENGINEER

PROJ. MGR.:	H.M. YONGE
DRAWN:	A. HASKEW
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: M2.0

0 1" 2"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PANELBOARD – SEE RESPECTIVE PANELBOARD SCHEDULE.
A/1	BRANCH CIRCUIT CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING. ARROWS INDICATE CIRCUIT HOMERUN, HASHMARKS INDICATE NUMBER OF CONDUCTORS, ABSENCE OF HASHMARKS INDICATES TWO CONDUCTORS PLUS GROUND. "A" DENOTES PANELBOARD SERVING CIRCUIT, "1" INDICATES CIRCUIT BREAKER SPACE IN PANELBOARD. SEE RESPECTIVE PANEL CIRCUIT SCHEDULE. MINIMUM CONDUCTOR SIZE = #12 AWG.
	INDICATES CONDUIT RUN UNDERGROUND.
	NON–FUSED DISCONNECT, HEAVY DUTY (SAFETY) SWITCH – SIZE AND TYPE AS NOTED. TOP OF SWITCH 6'–6" A.F.F. PROVIDE MECHANICALLY FASTENED PHENOLIC LABEL.
	ELECTRIC MOTOR – SEE RESPECTIVE EQUIPMENT SCHEDULE.
	20A, 125 VAC 2P., 3W., GROUNDING TYPE, DOUBLE DUPLEX RECEPTACLE. FLUSH WALL MOUNTED 18" A.F.F. WITH GROUND PIN FACING UP UNLESS NOTED OTHERWISE.
	20A, 125 VAC 2P., 3W., GROUNDING TYPE, DUPLEX RECEPTACLE. FLUSH WALL MOUNTED 18" A.F.F. WITH GROUND PIN FACING UP UNLESS NOTED OTHERWISE.
	INDICATES GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE. FLUSH WALL MOUNTED 18" A.F.F. WITH GROUND PIN FACING UP UNLESS NOTED OTHERWISE.
	20A, 125 VAC 2P., 3W., GROUNDING TYPE, DUPLEX RECEPTACLE WITH TOP OUTLET UNSWITCHED AND THE BOTTOM OUTLET SWITCHED WITH THE LIGHT FIXTURES. PROVIDE PHENOLIC LABEL INDICATING BOTTOM OUTLET IS CONTROLLED WITH THE LIGHT FIXTURES AND WILL SWITCH OFF WHEN THE ROOM IS UNOCCUPIED. RECEPTACLE SHALL BE FLUSH WALL MTD. 18" A.F.F. UNLESS NOTED OTHERWISE.
	20A, 125 VAC 2P., 3W., GROUNDING TYPE, DOUBLE DUPLEX RECEPTACLE WITH TOP OUTLET UNSWITCHED AND THE BOTTOM OUTLET SWITCHED WITH THE LIGHT FIXTURES. PROVIDE PHENOLIC LABEL INDICATING BOTTOM OUTLET IS CONTROLLED WITH THE LIGHT FIXTURES AND WILL SWITCH OFF WHEN THE ROOM IS UNOCCUPIED. RECEPTACLE SHALL BE FLUSH WALL MTD. 18" A.F.F. UNLESS NOTED OTHERWISE.
	(2) 20A, 125 VAC 2P., 3W., GROUNDING TYPE, DUPLEX RECEPTACLES FLUSH MOUNTED IN FLOOR BOX WITH FLUSH FACEPLATE AND (2) TYPE "D2" DATA OUTLETS AS INDICATED ON TELECOM LEGEND. PROVIDE DEVICE MOUNTING BRACKETS FOR EACH DEVICE. ONE OF THE TWO DUPLEX RECEPTACLES SHALL BE SWITCHED ENTIRELY. FLOOR BOX EQUAL TO WIREMOLD CAT# RFB4 SERIES WITH COVER EQUAL TO WIREMOLD CAT# FPCTC(FINISH BY ARCHITECT). PROVIDE A MINIMUM 1" CONDUIT FOR CAT–5e CABLES ROUTED UNDERGROUND OVER TO NEAREST FULL WALL AND UP TO 6" ABOVE ACCESSIBLE CEILING.
J	JUNCTION BOX LOCATION. SIZE AND TYPE AS REQUIRED.
	INSTALL OUTLET TO MATCH PLUG ON EQUIPMENT.
P	POWER RELAY TO INTERLOCK WITH 277V LIGHTS OR MECHANICAL CONTROLS EQUIPMENT. COORDINATE VOLTAGE REQUIREMENTS WITH THE MECHANICAL CONTRACTOR FOR MECHANICAL EQUIPMENT INTERLOCKS.
FACP	ADDRESSABLE INTELLIGENT FIRE ALARM SYSTEM CONTROL PANEL – WITH CELLULAR AUTO–DIAL OUT. VOICE EVACUATION CAPABLE.
ERRCS	EMERGENCY RADIO RESPONDER COVERAGE HEAD END EQUIPMENT.
F	FIRE ALARM SYSTEM ADDRESSABLE PULL STATION – SEMI FLUSH MOUNTED 48" A.F.F. TO TOP UNLESS NOTED OTHERWISE.
CO	CARBON MONOXIDE SENSOR
SD	ADDRESSABLE INTELLIGENT CEILING MOUNTED FIRE ALARM SYSTEM PHOTOELECTRIC TYPE SMOKE DETECTOR WITH BASE.
HD	ADDRESSABLE INTELLIGENT FIRE ALARM SYSTEM HEAT DETECTOR RATE OF RISE TYPE.
	FIRE ALARM SYSTEM SPEAKER / STROBE DEVICE CEILING MOUNTED, UNLESS NOTED OTHERWISE. ALL STROBES IN COMMON SPACES OR CORRIDORS SHALL BE SYNCHRONIZED. STROBE SHALL BE 75 CANDELLA MINIMUM UNLESS NOTED OTHERWISE.
	FIRE ALARM SYSTEM VISUAL DEVICE CEILING MOUNTED, UNLESS NOTED OTHERWISE. ALL STROBES IN COMMON SPACES OR CORRIDORS SHALL BE SYNCHRONIZED. STROBE SHALL BE 75 CANDELLA MINIMUM UNLESS NOTED OTHERWISE.
F	EXTERIOR FIRE ALARM SYSTEM AUDIO ALARM (WEATHERPROOF DEVICE WITH WEATHERPROOF CAST BOX). FLUSH MOUNT. COORDINATE MOUNTING LOCATION WITH OBSTACLES AND MOUNT AS REQUIRED.
S R	ADDRESSABLE INTELLIGENT FIRE ALARM SYSTEM DUCT MOUNTED PHOTOELECTRIC SMOKE DETECTOR COMPLETE WITH HOUSING AND AIR SAMPLING TUBES. "S" DENOTES DETECTOR IN SUPPLY DUCT; "R" DENOTES DETECTOR IN RETURN DUCT.
R	FIRE ALARM SYSTEM INTERFACE MODULE – MOUNTED AT EQUIPMENT.
FS	SPRINKLER SYSTEM FLOW SWITCH. FURNISHED BY FIRE ALARM SYSTEM SUPPLIER, INSTALLED BY FIRE PROTECTION (SPRINKLER) SYSTEM CONTRACTOR, AND CONNECTED TO FIRE ALARM SYSTEM CONTROL PANEL BY FIRE ALARM SYSTEM CONTRACTOR.
TS	SPRINKLER SYSTEM TAMPER SWITCH. FURNISHED BY FIRE ALARM SYSTEM SUPPLIER, INSTALLED BY FIRE PROTECTION (SPRINKLER) SYSTEM CONTRACTOR, AND CONNECTED TO FIRE ALARM SYSTEM CONTROL PANEL BY FIRE ALARM SYSTEM CONTRACTOR.
VCC	ADDRESSABLE INTELLIGENT FIRE ALARM VOICE COMMAND CENTER.
MIC	ADDRESSABLE INTELLIGENT FIRE ALARM FIRE FIGHTERS MICROPHONE FLUSH MOUNTED IN WALL. COORDINATE FINAL LOCATION WITH THE AHJ PRIOR TO ROUGH–IN.
DH	FIRE ALARM SYSTEM DOOR HOLDER; WALL, FLOOR, OR CEILING MOUNTED AS REQUIRED. PROVIDE ANY EXTENSIONS RODS AS REQUIRED. COORDINATE WITH FIRE ALARM INSTALLER PRIOR TO ROUGH–IN FOR LOCATIONS AND REQUIREMENTS.
C	INDICATES DEVICE FLUSH MOUNTED HORIZONTALLY 6" ABOVE COUNTERTOP OR IN BACKSPLASH.
EWC	COORDINATE DEVICE LOCATION WITH ELECTRIC WATER COOLER. MOUNT IN AN ACCESSIBLE LOCATION.
WP	INDICATES WEATHER RESISTANT WIRING DEVICE WITH EXTRA–DUTY LISTED WEATHER PROOF IN–USE COVER PLATE.
GFI	INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE DEVICE.
R	INDICATES RED DEVICE WITH RED FACE PLATE

SYMBOLS NOTES: UNLESS OTHERWISE NOTED THE FOLLOWING SHALL APPLY:

1. ALL OUTLETS SHALL BE FLUSH MOUNTED.
2. MOUNTING HEIGHTS ARE FROM THE CENTER LINE OF THE DEVICE.
3. ALL SINGLE GANG AND TWO GANG DEVICES SHALL USE A 4" SQ. BOX WITH EXTENSION RING.
4. ALL MULTI – GANG DEVICES SHALL USE A COMMON COVER PLATE
5. ALL DEVICES (i.e. SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, ETC.) SHALL BE GRAY WITH STAINLESS STEEL COVER PLATES.
6. A.F.F. INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR.
7. ALL WIRING SHALL BE COPPER.
8. DO NO INSTALL OUTLETS BACK TO BACK.
9. PROVIDE INDICATES THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL.
10. WHERE MORE THAN 3 CURRENT CARRYING CONDUCTORS MAY BE RUN IN A SINGLE CONDUIT, NEC SECTION 310.15 SHALL APPLY.

LIGHTING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	"LED" LIGHTING FIXTURE. LETTER(S) DENOTE TYPE – SEE LIGHTING FIXTURE SCHEDULE.
	"LED" LIGHTING FIXTURE WITH INTEGRAL BATTERY BACKUP.
	"LED" LIGHTING FIXTURE CONNECTED TO INVERTER SYSTEM, SEE PLANS FOR REQUIREMENTS.
	LED LIGHTING FIXTURE. LETTER(S) DENOTE TYPE – SEE LIGHTING FIXTURE SCHEDULE.
	"LED" EXIT LIGHT. DARKENED QUADRANTS INDICATE ILLUMINATED FACES, ARROWS AS INDICATED. LETTER(S) DENOTE TYPE – SEE LIGHTING FIXTURE SCHEDULE.
—— E ——	EMERGENCY INVERTER CIRCUIT
$	20 AMP, 120/277 VAC SINGLE POLE TOGGLE SWITCH – FLUSH WALL MOUNTED 48" A.F.F. UNLESS NOTED OTHERWISE. SUBSCRIPT INDICATES AS FOLLOWS: 3 – 20 AMP, 120/277 VAC THREE WAY TOGGLE SWITCH 4 – 20 AMP, 120/277 VAC FOUR WAY TOGGLE SWITCH DT – DUAL TECHNOLOGY MOTION SENSOR WALL SWITCH. WATTSTOPPER DW–100. TIME DELAY DURATION SHALL BE 20 MINUTES MAXIMUM. PROGRAM FOR "MANUAL ON". DT3 – MULTI–WAY DUAL TECHNOLOGY MOTION SENSOR WALL SWITCH. WATTSTOPPER DW–103. TIME DELAY DURATION SHALL BE 20 MINUTES MAXIMUM. PROGRAM FOR "MANUAL ON". M – 30 AMP SWITCH EQUAL TO HUBBELL HBL7832D OR HBL7810D, AS REQUIRED. PROVIDE PHENOLIC LABEL. MO – LOW VOLTAGE MOMENTARY TOGGLE SWITCH EQUAL TO WATTSOPPER LVS–1 FOR "MANUAL ON" CONTROL OF CEILING MOUNTED OCCUPANCY SENSOR. MO,D – LOW VOLTAGE MANUAL ON AND DIMMING WALL SWITCH EQUAL TO WATTSTOPPER DCLV2. SEE LIGHTING PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS. PROGRAM FOR "MANUAL ON". PROVIDE ALL 0–10V WIRING AS REQUIRED. D – 0–10V DIMMING ONLY SWITCH EQUAL TO WATTSTOPPER DCLV2. SEE LIGHTING PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS. PROVIDE ALL 0–10V WIRING AS REQUIRED. DC – LOW VOLTAGE ON/OFF/DIMMING ONE ZONE WALL SWITCH EQUAL TO WATTSTOPPER LMDM–101. SEE LIGHTING PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS. PROGRAM FOR "MANUAL ON". PROVIDE CAT5E CABLING TO DDC. ALL CAT5E CABLING SHALL BE PRE–TERMINATED. DTD – DUAL TECHNOLOGY MOTION SENSOR WALL SWITCH. WATTSTOPPER DW–311. TIME DELAY DURATION SHALL BE 20 MINUTES MAXIMUM. PROGRAM FOR "MANUAL ON". PROVIDE ALL 0–10V WIRING AS REQUIRED.
	DUAL TECHNOLOGY CEILING–MOUNTED 360° OCCUPANCY SENSOR, WATTSTOPPER DT–300. SEE LIGHTING CONTROL WIRING DIAGRAM FOR ADDITIONAL INFORMATION. MOUNT AT LOCATION AS INDICATED ON PLANS. DEVICE SHALL BE PROGRAMMED FOR "AUTOMATIC ON" (UNLESS INDICATED OTHERWISE ON PLANS). PROGRAM SUCH THAT BOTH TECHNOLOGIES ARE REQUIRED TO TRIGGER LIGHTS "ON" AND EITHER TECHNOLOGY SHALL "HOLD" LIGHTS "ON". SEE PLANS FOR SENSOR LOCATIONS THAT ARE "MANUAL ON" ONLY $MO. TIME DELAY DURATION SHALL BE 20 MINUTES MAXIMUM. SEE MANUFACTURERS INSTRUCTIONS FOR APPROPRIATE DIP SWITCH SETTINGS.
	DUAL TECHNOLOGY CORNER MOUNTED OCCUPANCY SENSOR, WATTSTOPPER DT–200. SEE LIGHTING CONTROL WIRING DIAGRAM FOR ADDITIONAL INFORMATION. MOUNT AT LOCATION AS INDICTED ON PLANS. PROGRAM SUCH THAT BOTH TECHNOLOGIES ARE REQUIRED TO TRIGGER LIGHTS "ON" AND EITHER TECHNOLOGY SHALL "HOLD" LIGHTS "ON". TIME DELAY DURATION SHALL BE 20 MINUTES MAXIMUM. SEE MANUFACTURERS INSTRUCTIONS FOR APPROPRIATE DIP SWITCH SETTINGS. DEVICE SHALL BE AIMED AS NECESSARY TO OPTIMIZE MOTION DETECTION AT DOOR THRESHOLD. SEE PLANS FOR SENSOR LOCATIONS THAT ARE "MANUAL ON" ONLY $MO.
PP	POWER PACK RELAY FOR CONTROL OF LIGHTING CONTROLS, EQUAL TO WATTSTOPPER CAT# BZ–150. MOUNT DEVICE IN AN ACCESSIBLE LOCATION.
PP2	POWER PACK RELAY FOR CONTROL OF RECEPTACLES, EQUAL TO WATTSTOPPER CAT# BZ–200. MOUNT DEVICE IN AN ACCESSIBLE LOCATION.
DDC	DIGITAL ROOM CONTROLLER WITH ONE ZONE ON/OFF/DIMMING EQUAL TO WATTSTOPPER LMRC–211. SEE LIGHTING PLANS AND DETAIL SHEETS FOR ADDITIONAL INFORMATION. MOUNT DEVICE IN AN ACCESSIBLE LOCATION. PROVIDE ALL 0–10V WIRING FROM CONTROLLER TO FIXTURES, AS REQUIRED. ALL ROOM CONTROLLERS SHALL BE INTERCONNECTED WITH CAT5E CABLING. ALL CAT5E SHALL BE PRE–ATERMINATED.
ODP	OUTDOOR PIR MOTION SENSOR WITH DAYLIGHT PHOTO CONTROL AND DIMMING EQUAL TO WATTSTOPPER FSP–201. SEE LIGHTING PLANS AND CONTROL DETAILS FOR ADDITIONAL INFORMATION.
ERC	EMERGENCY AUTOMATIC LOAD CONTROL RELAY EQUAL TO WATTSTOPPER ELCU–200 FOR NON–DIMMING FIXTURES. RELAY SHALL BYPASS NORMAL POWER TO ALLOW INVERTER SUPPLIED LIGHTING LOADS TO ENERGIZE WHEN NORMAL POWER IS LOST. RELAY SHALL SENSE LOSS OF NORMAL POWER AND AUTOMATICALLY CONTROL LUMINAIRE TO FULL BRIGHTNESS REGARDLESS OF OCCUPANCY SENSOR STATUS. SEE LIGHTING PLANS AND CONTROL DETAILS FOR ADDITIONAL INFORMATION.
ER	EMERGENCY AUTOMATIC LOAD CONTROL RELAY EQUAL TO NINE24 ELCR–Z10 FOR DIMMING FIXTURES. RELAY SHALL BYPASS NORMAL POWER TO ALLOW INVERTER SUPPLIED LIGHTING LOADS TO ENERGIZE WHEN NORMAL POWER IS LOST. RELAY SHALL SENSE LOSS OF NORMAL POWER AND AUTOMATICALLY CONTROL LUMINAIRE TO FULL BRIGHTNESS REGARDLESS OF DIMMING STATE OR OCCUPANCY SENSOR STATUS. SEE LIGHTING PLANS AND CONTROL DETAILS FOR ADDITIONAL INFORMATION.

SYMBOLS LEGEND GENERAL NOTES:

1. ALL DEVICES ARE TO BE FLUSH MOUNTED.
2. MOUNTING HEIGHTS ARE FROM THE CENTER LINE OF THE DEVICE.
3. ALL SINGLE GANG AND TWO GANG DEVICES SHALL USE A 4" SQ. BOX WITH EXTENSION RING.
4. ALL MULTI – GANG DEVICES SHALL USE A COMMON COVER PLATE COLORS FOR ALL DEVICES (i.e. SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, ETC.) SHALL BE GRAY WITH STAINLESS STEEL COVER PLATES.
5. LIGHTING CONTROL SYSTEM SHALL BE PROGRAMMED BY A CERTIFIED LIGHTING CONTROLS COMMISSIONING INSTALLER.
6. CONTRACTOR SHALL REFERENCE DETAIL SHEET FOR LOW VOLTAGE LIGHTING SWITCH WIRING REQUIREMENTS.
7. CONTRACTOR SHALL REFERENCE DETAIL SHEET FOR LIGHTING CONTROL WIRING REQUIREMENTS.

SYSTEMS SYMBOL LEGEND

SYMBOL	DESCRIPTION
ST	WIRELESS SMART TV POWER AND DATA, COORDINATE ELEVATION WITH ARCHITECT PRIOR TO ANY ROUGH–IN. LOCATIONS SHOWN ON PLAN ARE APPROXIMATIONS ONLY AND SHALL NOT BE USED FOR SPECIFIC ROUGH–IN LOCATIONS. ALL ROUGH–IN LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO BEGINNING ANY WORK. SMART TV IS PROVIDED BY OTHERS, 120V POWER AND DATA IS TO BE CONNECTED BY THE ELECTRICAL CONTRACTOR. PROVIDE AND INSTALL 120V 20A RECEPTACLE AS RECOMMENDED BY THE TV MANUFACTURER. PROVIDE POWER CONNECTION TO LOCAL RECEPTACLE CIRCUIT. FIELD COORDINATE RECEPTACLE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH–IN, RECEPTACLE SHALL BE CONCEALED BEHIND TV. CONTRACTOR SHALL INSTALL D2 DATA OUTLET CONCEALED BEHIND SMART TV. FIELD COORDINATE DATA OUTLET MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH–IN.
IC	INTERCOM SYSTEM WALL MOUNTED CALL STATION. MOUNT 48" AFF.
S	WEATHER PROOFED, WALL MOUNTED, INTERCOM SYSTEM SPEAKER. MOUNT 9'–0" AFF.
S	INTERCOM SYSTEM CEILING MOUNTED SPEAKER.
C	WIRELESS WALL ANALOG 120V POWERED CLOCK, MOUNTED 1' ABOVE MARKER BOARD. COORDINATE EXACT LOCATION WITH ARCHITECT. PROVIDE ALL POWER CONNECTIONS AS REQUIRED TO SMART BOARD POWER CIRCUIT. COORDINATE WITH CLOCK MANUFACTURER FOR RECEPTACLE REQUIREMENTS PRIOR TO ANY ROUGH–IN.
D1	DATA OUTLET IN A 4" SQUARE BOX WITH 1 GANG EXTENSION RING. DEVICE MOUNTED 18" AFF UNLESS NOTED OTHERWISE. STUB 3/4"C FROM BACKBOX TO 6" ABOVE ACCESSIBLE CEILING, PROVIDE CONDUIT BUSHINGS. PROVIDE 1–CAT5E DATA CABLE BACK TO COMMUNICATIONS BACKBOARD. PROVIDE 1–PORT COVER PLATE. COVER PLATE SHALL BE LABELED WITH DATA CLOSET ROOM NUMBER, DATA DROP NUMBER, AND LOCATION OF SERVING DATA CLOSET. ALL CABLES SHALL BE TESTED AND TERMINATED AT OUTLET AND COMMUNICATION BACKBOARD. INSTALLER SHALL HAVE RCDD ON STAFF.
D2	VOICE/DATA OUTLET IN A 4" SQUARE BOX WITH 1 GANG EXTENSION RING. DEVICE MOUNTED 18" AFF UNLESS NOTED OTHERWISE. STUB 3/4"C FROM BACKBOX TO 6" ABOVE ACCESSIBLE CEILING, PROVIDE CONDUIT BUSHINGS. PROVIDE 2–CAT5E VOICE/DATA CABLES BACK TO COMMUNICATIONS BACKBOARD. PROVIDE 2–PORT COVER PLATE. COVER PLATE SHALL BE LABELED WITH DATA CLOSET ROOM NUMBER, DATA DROP NUMBER, AND LOCATION OF SERVING DATA CLOSET. ALL CABLES SHALL BE TESTED AND TERMINATED AT OUTLET AND COMMUNICATION BACKBOARD. INSTALLER SHALL HAVE RCDD ON STAFF. **"2C"** INDICATES DEVICE SHALL BE PROVIDED WITH (2) 3/4"C CONDUITS TO ABOVE ACCESSIBLE CEILING.
WAP	CEILING MOUNTED WIRELESS ACCESS POINT COMMUNICATIONS OUTLET. TYPE 'D1, PROVIDE AT LOCATIONS INDICATED.
—— I ——	INTERCOM SYSTEM WIRING
—— I ——>	INTERCOM SYSTEM HOMERUN
CT	SECURITY SYSTEM DOOR CONTACT
	SECURITY CAMERA BY OTHERS. CONTRACTOR TO PROVIDE ORANGE CAT5E CABLE FROM CAMERA LOCATION TO I.T. ROOM, SEE SITE PLAN FOR LOCATION. COORDINATE ALL REQUIREMENTS WITH SECURITY VENDOR.
SP	GYMNASIUM LOUD SPEAKER. SEE FLOOR PLAN FOR REQUIREMENTS.

SYSTEMS LEGEND GENERAL NOTES:

1. LOW VOLTAGE CABLES SHALL BE SUPPORTED VIA J–HOOKS ON 4'0" TO 6'0" CENTERS BASED ON BUILDING STRUCTURE. SECURE J–HOOKS (ERICO CADDY CABLECAT OR EQUAL) TO CEILING, SLAB, OR ROOF BAR JOISTS. PROVIDE VELCRO TIE WRAPS ON 5'0" CENTERS TO ADEQUATELY BUNDLE AND SUPPORT CABLES, NO MORE THAN 24 CABLES PER BUNDLE. TIE WRAPS SHALL BE PROVIDED LOOSELY AROUND CABLES AS TO NO DISTORT THE ORIGINAL SHAPE OF ANY INDIVIDUAL CABLE. DO NOT TIE WRAP COMMUNICATIONS CABLING TO ANY OTHER CABLING (I.E. HVAC CONTROL, ELECTRICAL CONDUIT, ETC.). CLIP OFF ALL EXCESS TIE WRAP AFTER INSTALLATION. REFERENCE "TYPICAL COMMUNICATIONS OUTLET ROUGH–IN MOUNTING DETAIL" ON SHEET E300.2
2. PROVIDE CONDUIT SLEEVES FOR CABLE ACCESS THROUGH FIRE WALLS, PROVIDE UL LISTED FIRE STOPPING.
3. ALL CONDUIT RACEWAYS FOR LOW VOLTAGE CABLING SHALL BE PROVIDED WITH PLASTIC CONDUIT BUSHINGS.
4. ALL LOW VOLTAGE CABLING SHALL BE TESTED AND TERMINATED BY OWNER.
5. ALL OUTLETS ARE TO BE FLUSH MOUNTED.
6. MOUNTING HEIGHTS ARE FROM THE CENTER LINE OF THE DEVICE.
7. ALL SINGLE GANG AND TWO GANG DEVICES SHALL USE A 4" SQ. BOX WITH EXTENSION RING.
8. ALL MULTI – GANG DEVICES SHALL USE A COMMON COVER PLATE
9. ALL DEVICE COVER PLATES SHALL BE STAINLESS STEEL. SEE SPECIFICATION FOR KEYSTONE COLOR REQUIREMENTS.
10. A.F.F. INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR.
11. LABELED TERMINATIONS ARE TO BE PROVIDED AT ALL CABLE ENDS. ALL CONNECTORS ARE TO BE PROVIDED, INSTALLED AND TESTED BY COMMUNICATIONS CONTRACTOR.

LIGHTING FIXTURE SCHEDULE

- LIGHTING MANUFACTURERS OTHER THAN THOSE LISTED IN THIS SCHEDULE SHALL SUBMIT **PRIOR APPROVAL NO LESS THAN 10 DAYS PRIOR TO BID**. NO FIXTURES WILL BE REVIEWED AFTER THE 10 DAY DEADLINE, NO EXCEPTIONS. SUBSTITUTE PACKAGES MAY BE RESUBMITTED **ONE TIME** FOLLOWING THE INITIAL ENGINEER'S REVIEW. FAILURE TO PROVIDE AN APPROVED EQUIVALENT PACKAGE WILL RESULT IN DISAPPROVAL OF THE ENTIRE SUBSTITUTE PACKAGE. MANUFACTURERS NOT APPROVED PRIOR TO BID SHALL NOT BE SUBMITTED FOR CONSTRUCTION.
- MANUFACTURERS LISTED AS EQUALS ON THIS SCHEDULE ARE PRE–APPROVED TO BID. **PART NUMBERS LISTED ON THIS SCHEDULE ARE THE "AS SPECIFIED" FIXTURES.** ANY MANUFACTURERS LISTED ON THIS SCHEDULE WITHOUT PART NUMBERS ARE **NOT** CONSIDERED "AS SPECIFIED". THE LIGHTING PACKAGE SUBMITTED FOR CONSTRUCTION SHALL MEET OR EXCEED THE LIGHTING SPECIFICATIONS AND THE "AS SPECIFIED" FIXTURES ON THIS SCHEDULE, AND COMPLY WITH THE DESIGN AND FUNCTIONALITY REQUIREMENTS SHOWN ON THE LIGHTING PLANS, NO EXCEPTIONS. **IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THEIR LIGHTING PACKAGE IS EQUAL TO THE SPECIFICATIONS AND PLANS PRIOR TO BIDDING.** ANY FIXTURE PACKAGE SUBMITTED FOR REVIEW DURING THE CONSTRUCTION PHASE THAT IS NOT EQUAL TO THE AS SPECIFIED FIXTURES AND PLANS WILL BE REJECTED. THE ACCEPTANCE OF AN EQUAL PACKAGE SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. **ANY ADDITIONAL COSTS INCURRED BY BRINGING AN INFERIOR LIGHTING PACKAGE UP TO THE STANDARDS OF THE SPECIFICATIONS, AS SPECIFIED LIGHTING FIXTURES, AND PLANS DUE TO LACK OF QUALITY AND/OR FUNCTION OF DESIGN SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND HIS/HER LIGHTING SUPPLER, NO EXCEPTIONS.** THESE REQUIREMENTS SHALL ALSO BE INCLUSIVE OF ALL LIGHTING CONTROL SYSTEMS.

MARK	LAMPS			MOUNTING	MANUFACTURER AND CATALOG NUMBER	NOTES
	LUMENS	WATTS	TYPE			
L5A	4998	45W	LED 35K	RECESSED GRID	LITHONIA EPANL–2X4–4800–80CRI–35K–MIN1–ZT–MVOLT METALUX 24FP4735C DAYBRITE 2FPZ–48B–835–4–DS–UNV–DIM	
L5AE	4998	45W	LED 35K	RECESSED GRID	LITHONIA EPANL–2X4–4800–80CRI–35K–MIN1–ZT–MVOLT–E10WCP METALUX 24FP4735C–EL14W DAYBRITE 2FPZ–48B–835–4–DS–UNV–DIM–EM10	
L6A	6364	55W	LED 35K	RECESSED GRID	LITHONIA EPANL–2X4–6000–80CRI–35K–MIN1–ZT–MVOLT METALUX 24FP6435C DAYBRITE 2FPZ–60L–835–4–DS–UNV–DIM	
L6AE	6364	55W	LED 35K	RECESSED GRID	LITHONIA EPANL–2X4–6000–80CRI–35K–MIN1–ZT–MVOLT–E10WCP METALUX 24FP6435C–EL14W DAYBRITE 2FPZ–60L–835–4–DS–UNV–DIM–EM10	
SL	4867	33W	LED 35K	SUSPENDED 9'0" AFF	HE WILLIAMS 75R–4–L50–8–35–YBY–DRV–UNV LITHONIA CLX–L48–5000LM–SFF–RDL–WD–MVOLT–GZ10–35K–80CRI–WH–HC36 M12 METALUX 4SNLED–LD5–49SL–LC–UNV–L835–CD–1–U–AYC	
SLE	4867	33W	LED 35K	SUSPENDED 9'0" AFF	HE WILLIAMS 75R–4–L50–8–35–YBY–EM10WLP–DRV–UNV LITHONIA CLX–L48–5000LM–SFF–RDL–WD–MVOLT–GZ10–35K–80CRI–WH–PS1050–HC36 M12 METALUX 4SNLED–LD5–49SL–LC–UNV–EL14W–L835–CD–1–U–AYC	
GL	700	8W	LED 40K	SURAFACE INSIDE GENERATOR HOUSING	BEGHELLI TA–PLUS–LED–SE–UNV LITHONIA AFF–OEL–DBLBXD–UVOLT–LTP–SDRT–WT BARRON NF3–WB–7L–BR–CL–GS	LIGHT SHALL BE INSTALLED TO FLOOD GENERATOR HOUSING
PL	2500	28W	LED 35K	WALL	HE WILLIAMS 75L–2–L32–835–AF12125–UNV LITHONIA CLX–L24–2500LM–SEF–FDL–WD–MVOLT–35K–80CRI	WALL LIGHT MOUNTED ABOVE PANEL.
OLE	2000	19W	LED 35K	FLUSH CEILING	HE WILLIAMS 6DR–TL–L20–835–DIM–UNV–OW–OF–CS–WET/CC–EM/10W LITHONIA LDN6–35–20–LD6–AR–LSS–TRIM–MVOLT–GZ10–EL	WET LOCATION DOWNLIGHT.
HBE	3400	44W	LED 50K	WALL	HE WILLIAMS WPAS–L34–850–BZ–EM/6W–DIM–UNV LITHONIA WPX1–LED–P2–50K–MVOLT–E4WH–DDBXD	EXTERIOR WALL PACK. 'E' – DENOTES INTEGRAL EMERGENCY BATTERY OPTION.
EX	N/A	3W	LED RED	UNIVERSAL	ASTRALITE DCA–R–BA–EM–SD CHLORIDE ER55LD3R EMERGILITE BAPXN1R	EXIT SIGNS. PROVIDE DIRECTIONAL ARROWS AND SINGLE FACE AS INDICATED ON PLANS.
HB	3400	44W	LED 50K	WALL	HE WILLIAMS WPAS–L34–850–BZ–DIM–UNV LITHONIA WPX1–LED–P2–50K–MVOLT–DDBXD	EXTERIOR WALL PACK.
DL	1500	14W	LED 35K	CEILING	HE WILLIAMS 6DR–L20/835–DIM–UNV–O–W–OF–CS–N–F1 GOTHAM EVO6–35/20–AR–WD–LSS–MVOLT–GZ10–TRW EDISON PRICE LED–FTF–6DL–DMV–AD–L20S–35K–COL–277	6" DOWNLIGHT.
SQ88	12800	120W	LED 35K	PENDANT	CAMMAN LIGHTING 96–DC–LD500–LI400–35K–CLV–UNV–(FINISH)–MG	8'x8' SQUARE PENDANT MOUNT LIGHT FIXTURE. COORDINATE MOUNTING HEIGHT WITH ARCHITECT. COORDINATE FINISH WITH ARCHITECT.
R48	13000	160W	LED 35K	PENDANT	CAMMAN LIGHTING P1063–(DIAMETER)–LN–35K–CLV–MV–WM–(FINISH)–ACM	4'–8" DIAMETER ROUND PENDANT MOUNT LIGHT FIXTURE. COORDINATE MOUNTING HEIGHT WITH ARCHITECT. COORDINATE FINISH WITH ARCHITECT.
R30	6050	70W	LED 35K	PENDANT	CAMMAN LIGHTING C1044–(DIAMETER)–LN–35K–CLV–MV–WM–(FINISH)–ACM	2'–4" DIAMETER ROUND PENDANT MOUNT LIGHT FIXTURE. COORDINATE MOUNTING HEIGHT WITH ARCHITECT. COORDINATE FINISH WITH ARCHITECT.
R30E	6050	70W	LED 35K	GRID	CAMMAN LIGHTING C1044–(DIAMETER)–LN–35K–CLV–MV–WM–(FINISH)–ACM–REM	2'–4" DIAMETER ROUND PENDANT MOUNT LIGHT FIXTURE. COORDINATE MOUNTING HEIGHT WITH ARCHITECT. COORDINATE FINISH WITH ARCHITECT. PROVIDE INTEGRAL EMERGENCY BATTERY.
RA	N/A	3W	LED	FLUSH CEILING	EMERGILITE (FINISH)–RA–SQ	EMERGENCY EGRESS DOWNLIGHT. COORDINATE FINISH WITH ARCHITECT.

OVERALL ELECTRICAL GENERAL NOTES:

a. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIAR WITH THE EXTENT OF WORK REQUIRED TO COMPLETE THE JOB PRIOR TO BIDDING.

b. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH IN AND INSTALLATION.

c. ALL PRIMARY CONDUIT SHALL BE RUN AT 48" BELOW FINISHED GRADE. ALL SECONDARY AND EXTERIOR UNDERGROUND BRANCH CIRCUIT CONDUIT(S) SHALL BE RUN 36" BELOW FINISHED GRADE.

d. IN ALL MECHANICAL ROOMS, ALL CONDUIT AND BOXES ARE TO BE SURFACE MOUNTED.

e. THE CONTRACTOR SHALL PROVIDE WEATHER PROOF / FIRE SEAL AS REQUIRED ON ALL EXTERIOR WALL PENETRATIONS.

f. IT IS THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR TO PROVIDE ANY NECESSARY COMPONENTS (i.e. BOOSTER PANELS) AND MAKE ALL THE NECESSARY CONNECTIONS TO THE NEW FIRE ALARM DEVICES AND FIRE ALARM CONTROL PANEL TO ENSURE A FULLY FUNCTIONAL FIRE ALARM SYSTEM.

g. ALL PHASING OF WORK SHALL BE SCHEDULED WITH THE OWNER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL SCHEDULE ALL OUTAGES WITH THE OWNER AT LEAST (14) DAYS IN ADVANCE AND ANY GIVEN OUTAGE SHALL NOT BE A DURATION IN EXCESS OF (8) HOURS.

h. CONTRACTOR SHALL COORDINATE ALL UNDERGROUND WORK WITH OTHER EXISTING/NEW UTILITIES TO AVOID CONFLICT.

i. ANY PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED PER THE NEC WITH UL LISTED FIRE STOPPING COMPOUND.

AUTOMATIC RECEPTACLE CONTROLS AND ENERGY MANAGEMENT METERING HAVE NOT BEEN PROVIDED DUE TO TAKING EXCEPTIONS TO ASHRAE 90.1–2013 REQUIREMENTS IN SECTIONS 8.4.2 AND 8.4.3 IN ACCORDANCE WITH DCM GUIDELINES

ANY PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED PER THE NEC WITH UL LISTED FIRE STOPPING COMPOUND.

CONTRACTOR SHALL PROVIDE A MINIMUM OF 4 HOURS OWNER TRAINING ON THE LIGHTING CONTROL SYSTEM BY A FACTORY CERTIFIED REPRESENTATIVE.

CONTRACTOR SHALL SUBMIT AN OCCUPANCY SENSOR LAYOUT ON A FLOOR PLAN AS PART OF THE SHOP DRAWINGS.

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51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7446

LATHAN McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL LEGEND, FIXTURE SCHEDULE

ALABAMA LICENSED PROFESSIONAL ENGINEER No. 34807 ARUN THOMAS VARGHESE 04/17/26

PROJ. MGR.: A. VARGHESE
DRAWN: C. PAGE
DATE: 03/25/26
REVISIONS
#1 04/17/26 DCM COMMENTS

JOB NO. 25-160B
SHEET NO: E0.0

0 1" 2"

LIGHTING PLAN KEYNOTES

1. EXISTING SITE LIGHTING POLE SHALL REMAIN. PROTECT DURING CONSTRUCTION.
2. EXISTING SITE LIGHTING POLE SHALL BE MOVED TO THIS LOCATION. PROVIDE AND INSTALL ADDITIONAL CONDUIT, WIRING, PULLBOXES AND PULLSTRING AS REQUIRED FOR RELOCATION. FIELD VERIFY EXACT LOCATIONS OF EXISTING POLE LIGHTS PRIOR TO BID.

LIGHTING GENERAL NOTES:

1. UNSWITCHED HOT CONDUCTORS TO LIGHTING FIXTURES ARE NOT SHOWN BUT SHALL BE PROVIDED AS REQUIRED.
   – LIGHTING SWITCHES INDICATED IN A ROOM SHALL CONTROL THE LIGHTING IN THAT ROOM.
   – LIGHTING SWITCHES WITH SMALL LETTER DESIGNATIONS SHALL BE USED TO LABEL MULTIPLE ZONES WITHIN A ROOM OR SPACE.
   – UNSWITCHED HOT CONDUCTORS TO EMERGENCY LIGHTING FIXTURES, INCLUDING EXIT SIGNS, ARE NOT SHOWN BUT SHALL BE PROVIDED AS REQUIRED

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: PARKING LOT SITE LIGHTING PLAN

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER ANN THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

REVISIONS

#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E0.1

0 1" 2"

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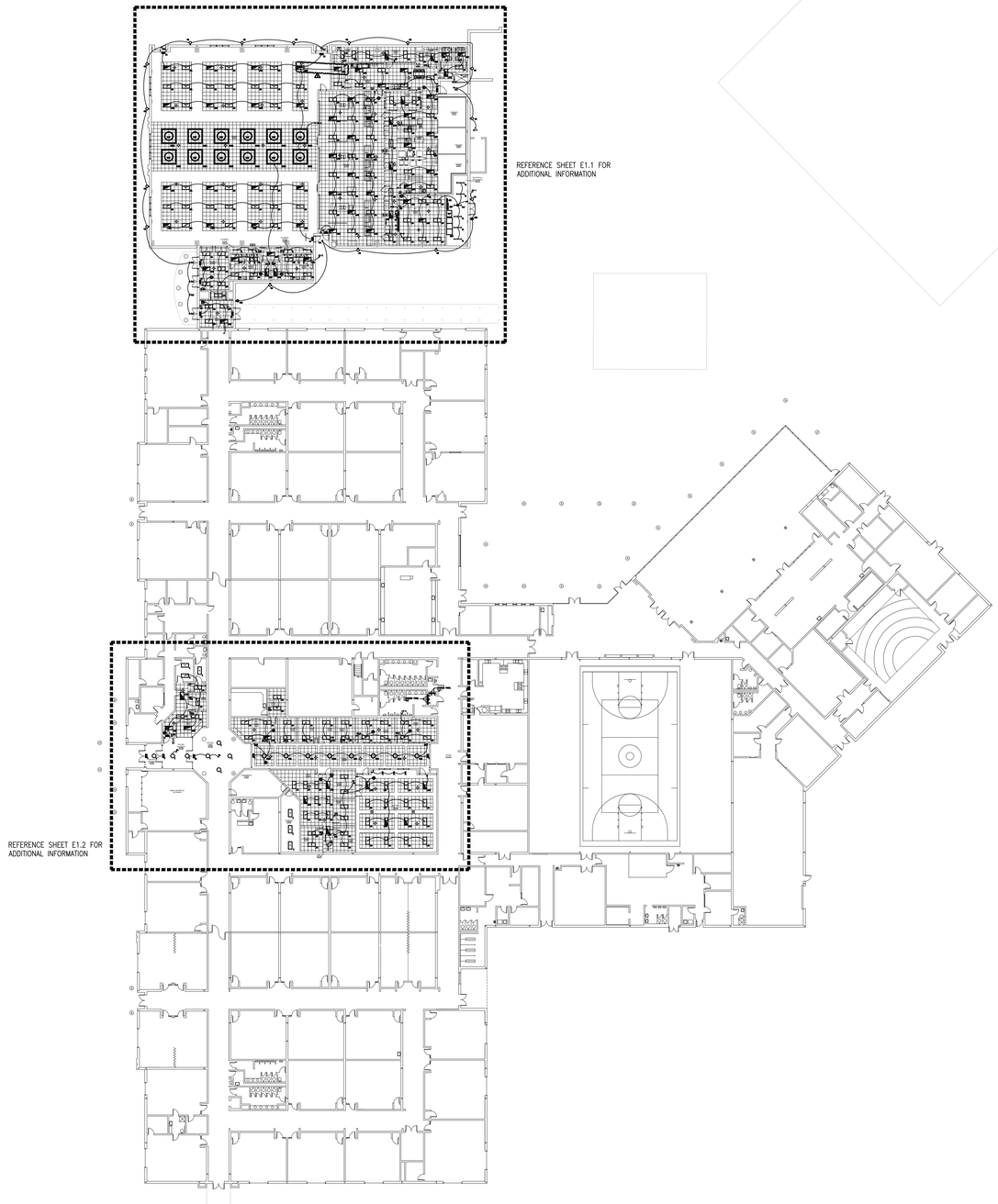
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446



LIGHTING OVERALL NEW WORK PLAN

SCALE: 1" = 30'-0"

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CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661

253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

LATHAN ▪ McKEE
ARCHITECTS

SITE IMPROVEMENTS AND
INTERIOR ALTERATIONS TO
FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: LIGHTING OVERALL NEW WORK PLAN

ALABAMA LICENSED PROFESSIONAL ENGINEER
No. 34807
04/17/26
ANTHOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

REVISIONS

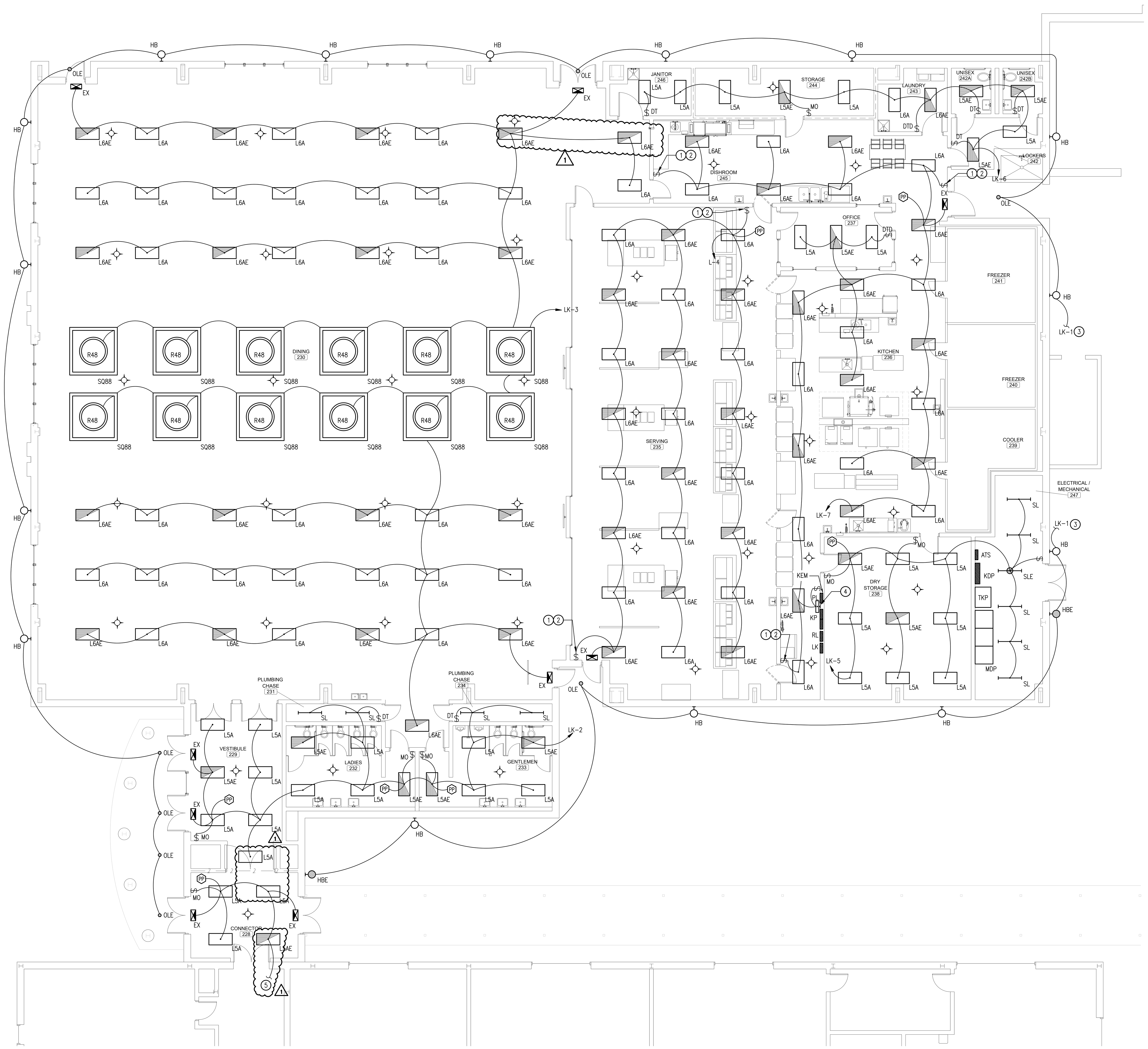
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO:

E1.0

0 1" 2"



LIGHTING NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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

LIGHTING PLAN KEYNOTES

1. PROVIDE NEW WATTSTOPPER DLM ROOM CONTROLLER, LMRC–211 FOR USE WITH MULTI–WAY DIMMING CIRCUIT IN THIS ROOM. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER.
2. NEW MULTI–WAY DIMMING SWITCH SHALL BE WATTSTOPPER LMSW–211–W. SWITCHES SHALL BE USED IN JUNCTION WITH NEW DLM ROOM CONTROLLER. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER.
3. HOMERUN SHALL BE REOUTED THROUGH INTERMATIC ET8000 ASTRONOMIC TIME CLOCK IN NEMA 3R ENCLOSURE, COORDINATE TIME OF DAY SCHEDULE WITH OWNER, TIME CLOCK SHALL BE INSTALLED ADJACENT TO SERVING PANELBOARD.
4. NEW LIGHT SHALL BE WALL MOUNTED ABOVE PANELS. NEW LIGHT SHALL NOT BE CONTROLLED BY AUTOMATIC MEANS, PROVIDE UNSWITCHED HOT CONNECTION AND CONTROL VIA MANUAL ON/OFF SWITCH.
5. NEW LIGHTING FIXTURES SHALL BE TIED IN TO EXISTING HALLWAY LIGHTING CIRCUIT IN EXISTING BUILDING, PROVIDE A NEW UNSWITCHED HOT CONNECTION FROM THE EXISTING LIGHTING CIRCUIT, PROVIDE AND INSTALL ANY CONDUIT, WIRING, OR JUNCTION BOXES AS REQUIRED FOR CONNECTION.

LIGHTING GENERAL NOTES:

1. UNSWITCHED HOT CONDUCTORS TO LIGHTING FIXTURES ARE NOT SHOWN BUT SHALL BE PROVIDED AS REQUIRED.
– LIGHTING SWITCHES INDICATED IN A ROOM SHALL CONTROL THE LIGHTING IN THAT ROOM.
– LIGHTING SWITCHES WITH SMALL LETTER DESIGNATIONS SHALL BE USED TO LABEL MULTIPLE ZONES WITHIN A ROOM OR SPACE.
– UNSWITCHED HOT CONDUCTORS TO EMERGENCY LIGHTING FIXTURES, INCLUDING EXIT SIGNS, ARE NOT SHOWN BUT SHALL BE PROVIDED AS REQUIRED

LATHAN ■McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: LIGHTING NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER ARUN THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26
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#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E1.1

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CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7446

LIGHTING PLAN KEYNOTES

1. PROVIDE NEW WATTSTOPPER DLM ROOM CONTROLLER, LMRC-211 FOR USE WITH MULTI-WAY DIMMING CIRCUIT IN THIS ROOM. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER.
2. NEW MULTI-WAY DIMMING SWITCH SHALL BE WATTSTOPPER LMSW-211-W. SWITCHES SHALL BE USED IN JUNCTION WITH NEW DLM ROOM CONTROLLER. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER.
3. NEW LIGHTING FIXTURES SHALL TIE INTO EXISTING LIGHTING FIXTURE CIRCUIT L2-6. PROVIDE AND INSTALL ADDITIONAL CONDUIT, WIRING, AND JUNCTION BOXES AS NECESSARY TO ACCOMMODATE NEW LAYOUT.
4. NEW LIGHTING FIXTURES SHALL TIE INTO EXISTING LIGHTING FIXTURE CIRCUIT L2-12. PROVIDE AND INSTALL ADDITIONAL CONDUIT, WIRING, AND JUNCTION BOXES AS NECESSARY TO ACCOMMODATE NEW LAYOUT.

LIGHTING GENERAL NOTES:

1. UNSWITCHED HOT CONDUCTORS TO LIGHTING FIXTURES ARE NOT SHOWN BUT SHALL BE PROVIDED AS REQUIRED.
   - LIGHTING SWITCHES INDICATED IN A ROOM SHALL CONTROL THE LIGHTING IN THAT ROOM.
   - LIGHTING SWITCHES WITH SMALL LETTER DESIGNATIONS SHALL BE USED TO LABEL MULTIPLE ZONES WITHIN A ROOM OR SPACE.
   - UNSWITCHED HOT CONDUCTORS TO EMERGENCY LIGHTING FIXTURES, INCLUDING EXIT SIGNS, ARE NOT SHOWN BUT SHALL BE PROVIDED AS REQUIRED

LIGHTING NEW WORK PLAN - MEDIA CENTER

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

0 4' 8'
2' 6'

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: LIGHTING NEW WORK PLAN - MEDIA CENTER AND CLASSROOM ALTERATIONS

ALABAMA LICENSED 04/17/26 No. 34607 PROFESSIONAL ENGINEER THOMAS VINSON

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26
REVISIONS	
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JOB NO. 25-160B

SHEET NO: E1.2

0 1" 2"

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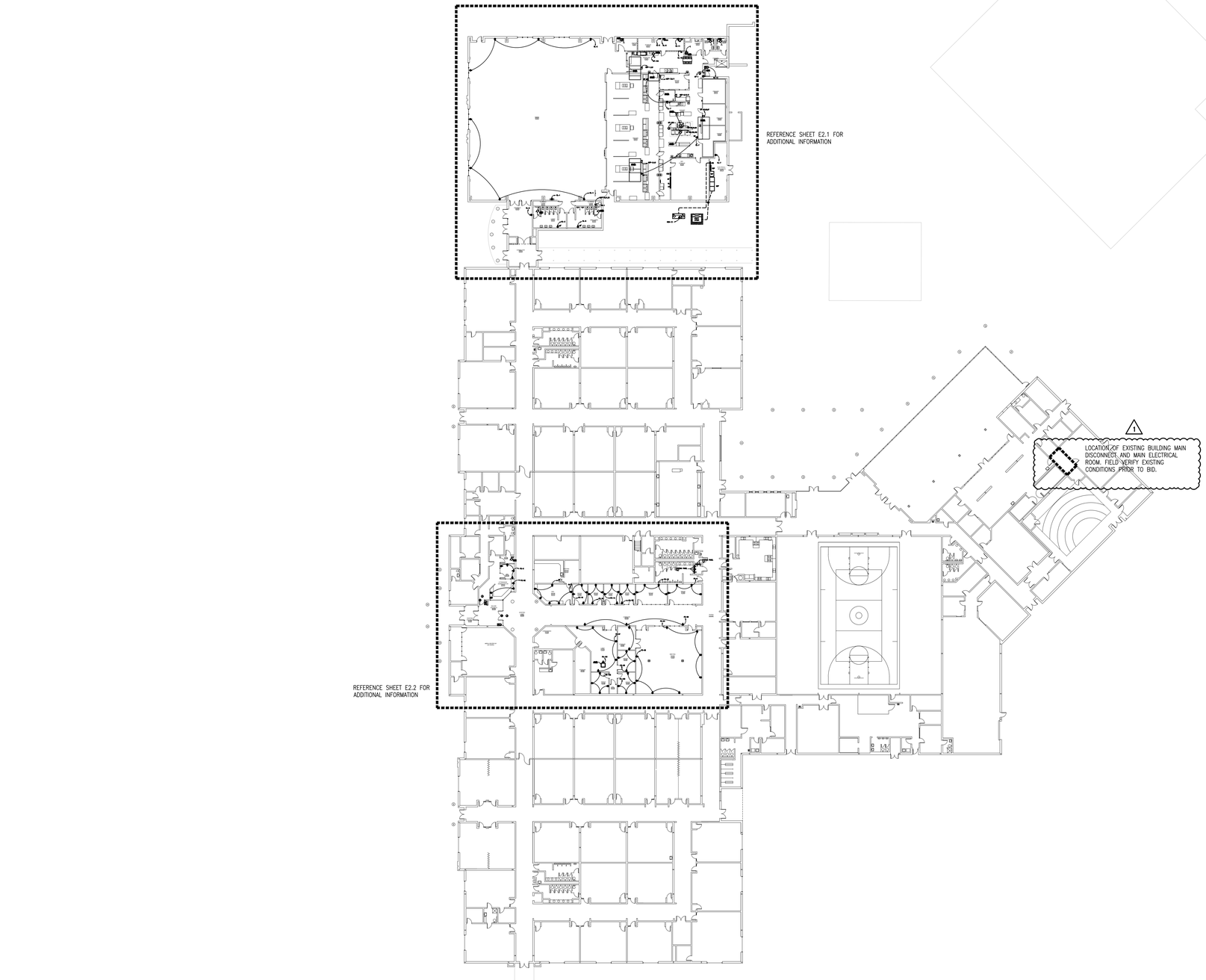
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446



ELECTRICAL OVERALL NEW WORK PLAN

SCALE: 1" = 30'-0"

LATHAN ▪ McKEE ARCHITECTS

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CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL OVERALL NEW WORK PLAN

ALABAMA LICENSED PROFESSIONAL ENGINEER
04/17/26
No. 34807
ANTHOMAS VARGHESE

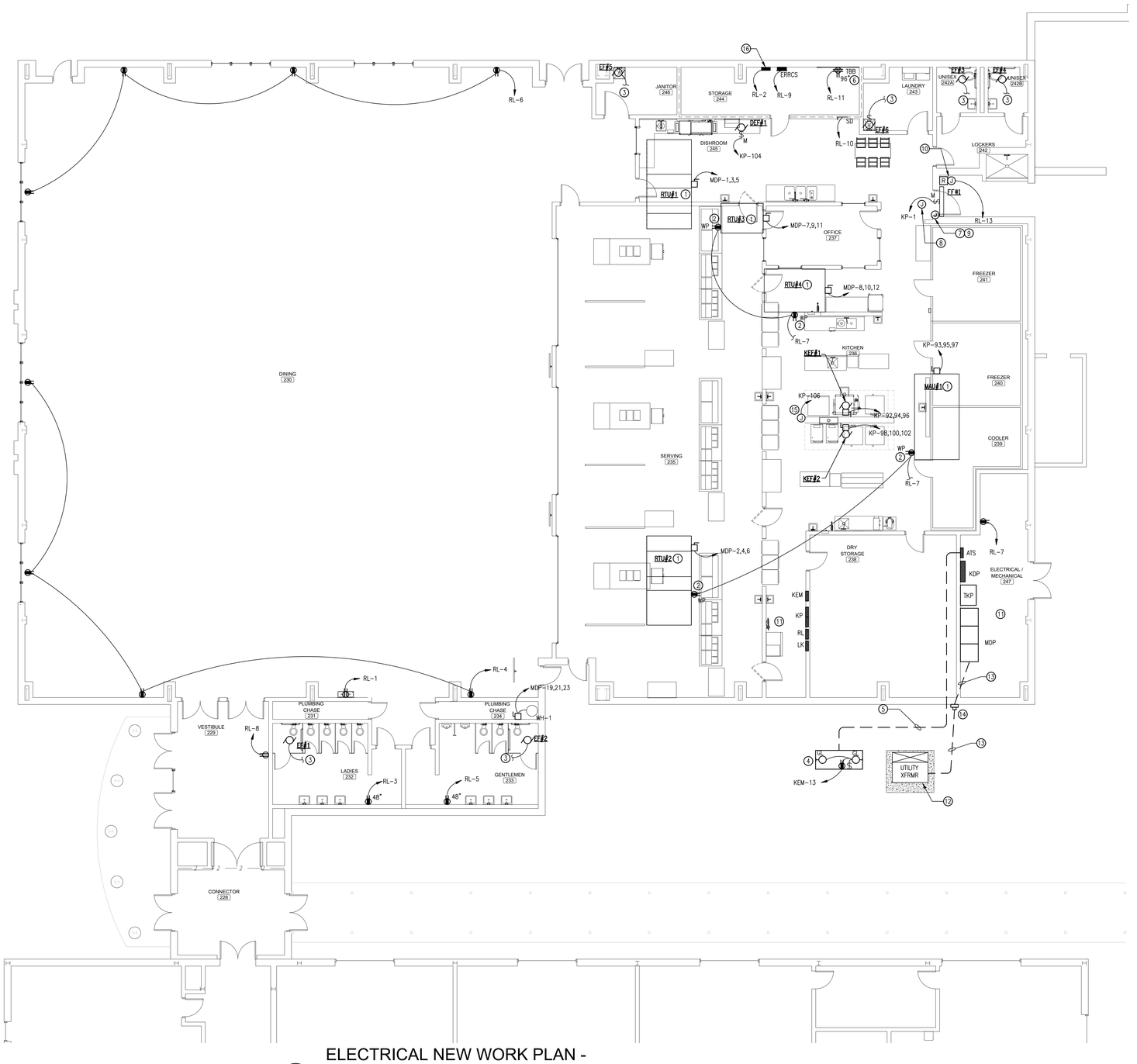
PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO:

E2.0

0 1" 2"



POWER PLAN KEYNOTES

1. NEW HVAC UNIT AND DISCONNECT LOCATED ON ROOF. SEE EQUIPMENT ELECTRICAL SCHEDULE ON SHEET E0.0 FOR DISCONNECT TYPE AND WIRE SIZE.
2. NEW HVAC MAINTENANCE RECEPTACLE LOCATED ON ROOF. ENSURE THAT RECEPTACLES ARE LOCATED WITHIN 25' OF HVAC EQUIPMENT PER NEC.
3. EXHAUST FAN POWER SHALL BE INTERLOCKED WITH LOCAL ROOM LIGHTING CIRCUIT. COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLATION REQUIREMENTS.
4. NEW GENERATOR FOR USE WITH PANEL "KEM". SEE RISER DIAGRAM FOR MORE INFORMATION. COORDINATE INSTALLATION REQUIREMENTS WITH MANUFACTURER. COORDINATE INSTALLATION LOCATION WITH ARCHITECT PRIOR TO ANY ROUGH-IN.
5. UNDERGROUND FEEDER ROUTING FOR NEW GENERATOR. SEE RISER DIAGRAM FOR WIRE SIZES. FURNISH AND INSTALL ADDITIONAL CONDUIT, WIRING, AND PULLBOXES AS REQUIRED.
6. PROVIDE 3/4" X 4' X 8' PLYWOOD BACKBOARD. PROVIDE 6" CLEARANCE ABOVE FLOOR. ALL POWER AND DATA RECEPTACLES SHALL BE FLUSH WITH BACKBOARD. PROVIDE #6 GROUND IN 3/4" EMT CONDUIT FROM SERVING ELECTRICAL PANEL TO BACKBOARD. COIL 10' SLACK AT BACKBOARD. PROVIDE GROUND BUS BAR (HARGER GBI SERIES) AS REQUIRED BY COMMUNICATIONS CONTRACTOR.
7. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING FROM 4" SQUARE BOX WITH 8" OF FOAM BLOCKING LOCATED IN DOOR FRAME AT CENTER HINGE UP TO ABOVE ACCESSIBLE CEILING. FOR ELECTRIC LOCKING DOOR. COORDINATE WITH SECURITY VENDOR.
8. 4" SQUARE BOX LOCATED ABOVE DOOR IN ACCESSIBLE CEILING. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING TO FROM BOX TO CENTER OF 24" FOAM BLOCKING ABOVE DOOR FRAME.
9. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING FROM 4" SQUARE BOX AT 48" AFF TO 4" SQUARE BOX LOCATED ABOVE ACCESSIBLE CEILING, FOR CARD READER. COORDINATE WITH SECURITY VENDOR.
10. PROVIDE A 4" JUNCTION BOX FOR USE WITH CARD READER TERMINAL. PROVIDE FIRE ALARM INTERLOCK CONNECTION AS REQUIRED. COORDINATE WITH SECURITY VENDOR AND MANUFACTURER PRIOR TO ANY ROUGH-IN.
11. MAINTAIN CLEARANCE AND WORKING SPACE PER THE NATIONAL ELECTRICAL CODE ABOUT ELECTRICAL EQUIPMENT IN THIS SPACE.
12. APPROXIMATE LOCATION FOR NEW UTILITY TRANSFORMER. COORDINATE FINAL LOCATION WITH CIVIL ENGINEERING AND WITH UTILITY COMPANY. SEE ELECTRICAL RISER DIAGRAM.
13. UNDERGROUND FEEDER ROUTING FOR UTILITY TRANSFORMER SECONDARY. SEE RISER DIAGRAM FOR WIRE SIZES. COORDINATE FINAL ROUTING OF SECONDARY CONDUIT AND WIRING WITH FINAL LOCATION OF TRANSFORMER. FURNISH AND INSTALL ADDITIONAL CONDUIT, WIRING, AND PULLBOXES AS REQUIRED.
14. APPROXIMATE LOCATION FOR NEW ELECTRICAL SERVICE METER. COORDINATE FINAL LOCATION WITH THE FINAL LOCATION OF THE UTILITY TRANSFORMER. SEE RISER DIAGRAM FOR MORE INFORMATION.
15. POWER CONNECTION FOR NEW SOLENOID VALVE. COORDINATE FINAL LOCATION AND POWER REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ANY ROUGH-IN.
16. NEW FIRE ALARM BOOSTER PANEL.

ELECTRICAL NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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

LATHAN ▪ McKEE ARCHITECTS

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CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7446

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA REGISTERED 04/17/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E2.1

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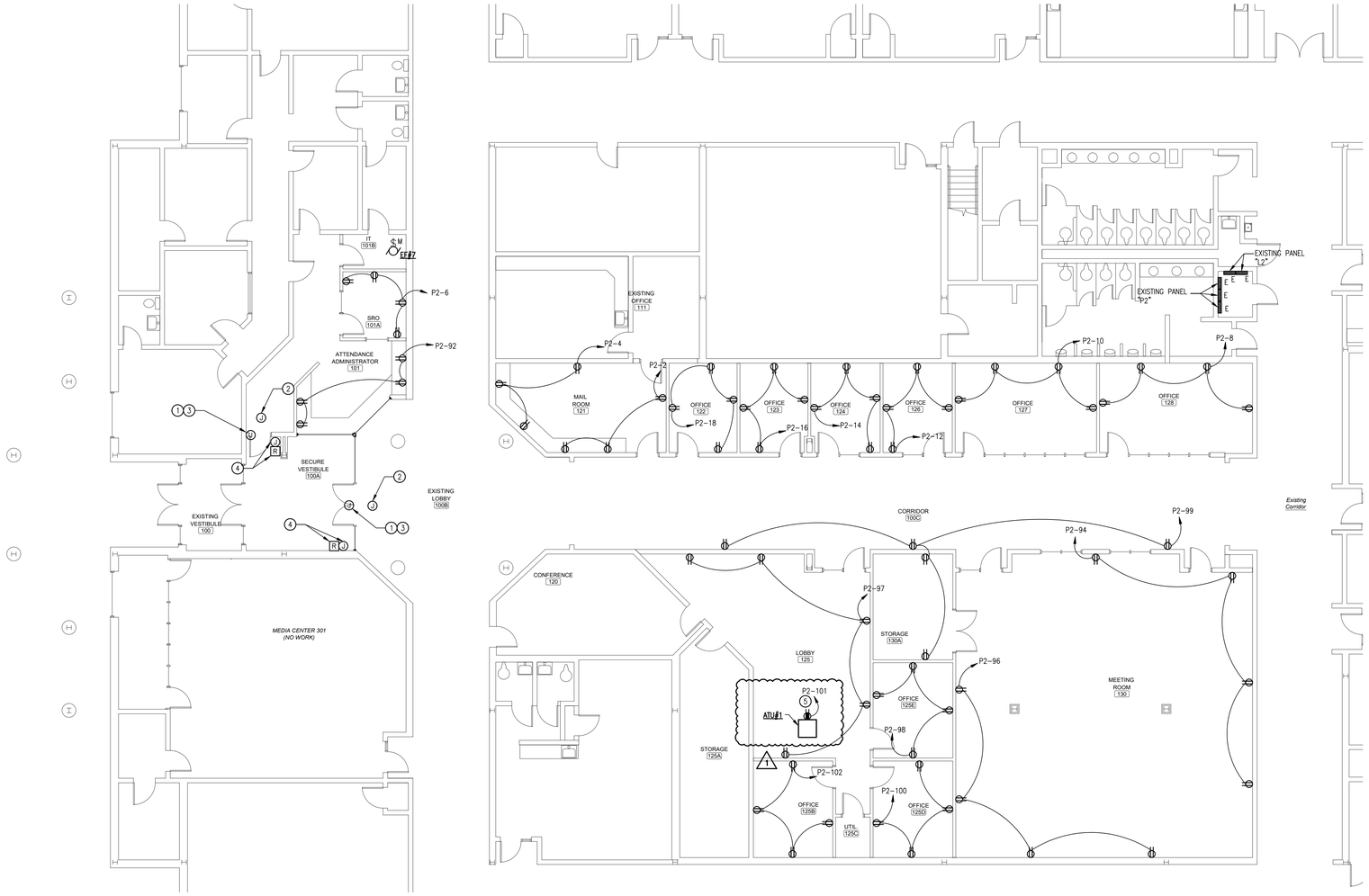

POWER PLAN KEYNOTES

1. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING FROM 4" SQUARE BOX WITH 8" OF FOAM BLOCKING LOCATED IN DOOR FRAME AT CENTER HINGE UP TO ABOVE ACCESSIBLE CEILING. FOR ELECTRIC LOCKING DOOR. COORDINATE WITH SECURITY VENDOR.
2. 4" SQUARE BOX LOCATED ABOVE DOOR IN ACCESSIBLE CEILING. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING TO FROM BOX TO CENTER OF 24" FOAM BLOCKING ABOVE DOOR FRAME.
3. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING FROM 4" SQUARE BOX AT 48" AFF TO 4" SQUARE BOX LOCATED ABOVE ACCESSIBLE CEILING, FOR CARD READER. COORDINATE WITH SECURITY VENDOR.
4. PROVIDE A 4" JUNCTION BOX FOR USE WITH CARD READER TERMINAL. PROVIDE FIRE ALARM INTERLOCK CONNECTION AS REQUIRED. COORDINATE WITH SECURITY VENDOR AND MANUFACTURER PRIOR TO ANY ROUGH-IN.
5. NEW RECEPTACLE MOUNTED ABOVE CEILING SHALL BE FOR USE WITH HVAC MAINTENANCE ONLY PER NEC.

1

ELECTRICAL NEW WORK PLAN - MEDIA CENTER

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

0 4' 8'
2 6'

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
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FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL NEW WORK PLAN - MEDIA CENTER AND CLASSROOM ALTERATIONS

ALABAMA LICENSED PROFESSIONAL ENGINEER
04/17/26
No. 34807
ANTHOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
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SHEET NO: E2.2

0 1" 2"

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CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661

253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

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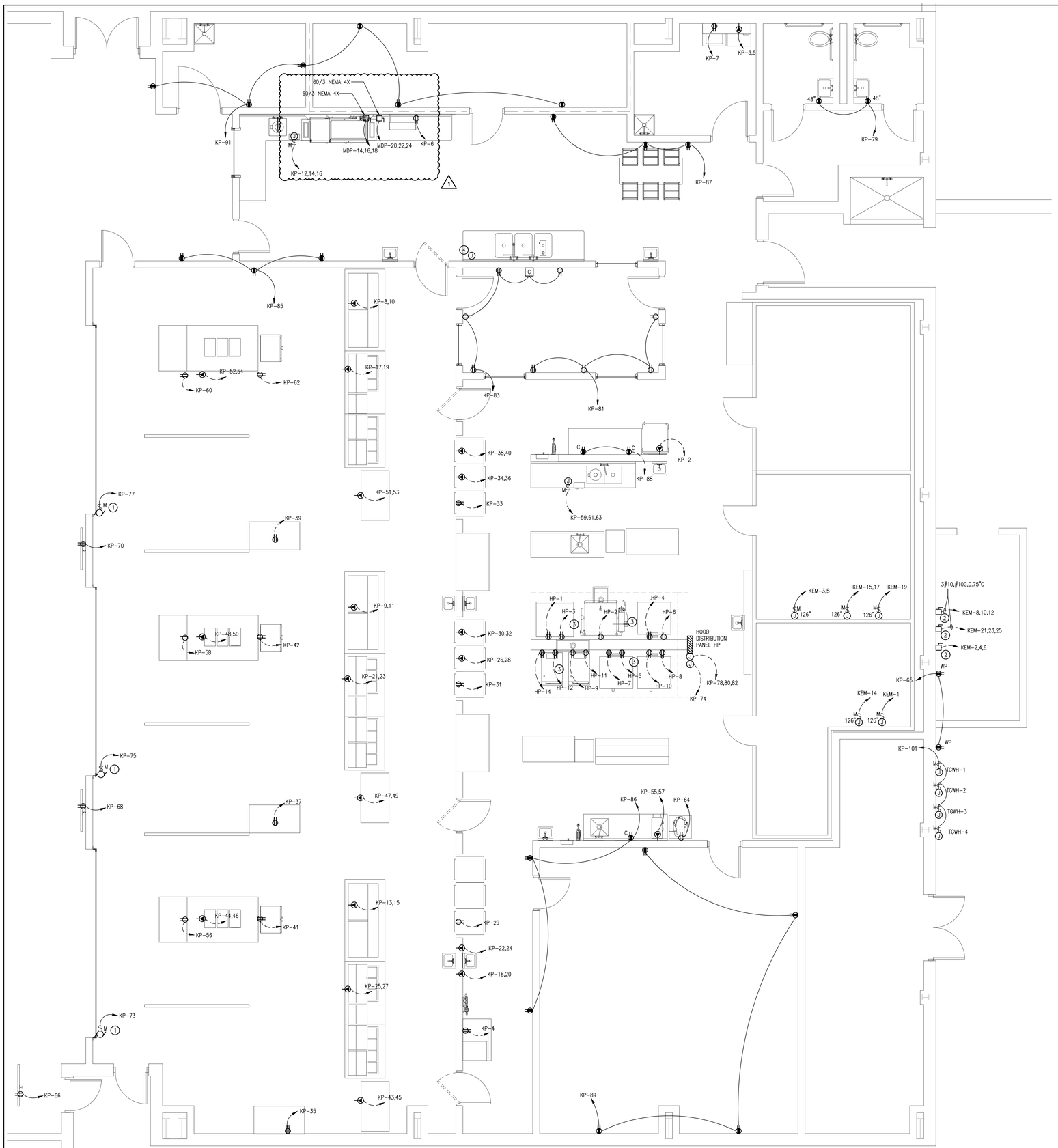


POWER PLAN KEYNOTES

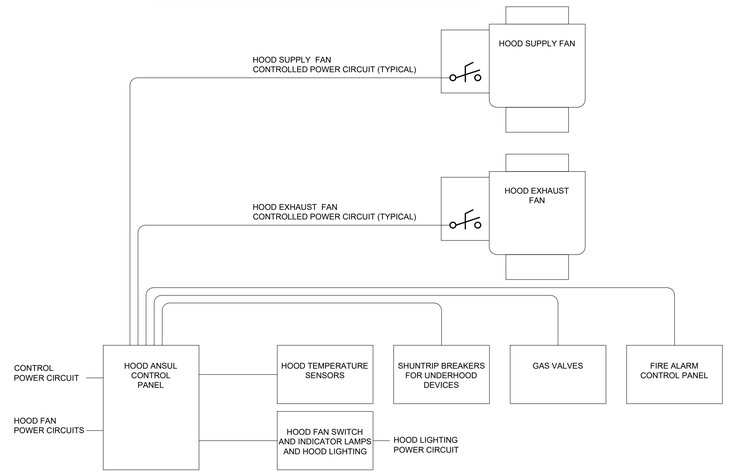
1. MOTORIZED DOOR CONTROLLER. PROVIDE 3/4"C WITH PULL STRING FROM DOOR CONTROLLER TO DOOR OPERATOR. PROVIDE ALL CONNECTION AS REQUIRED. COORDINATE WITH DOOR MANUFACTURER FOR REQUIREMENTS.
2. MAINTAIN CLEARANCE AND WORKING SPACE PER THE NATIONAL ELECTRICAL CODE ABOUT ELECTRICAL EQUIPMENT IN THIS SPACE.
3. COORDINATE INSTALLATION REQUIREMENTS FOR EQUIPMENT UNDER HOOD WITH FOOD SERVICE DRAWINGS AND KITCHEN EQUIPMENT MANUFACTURER. SEE ALSO PANEL "HP" ON SHEET E5.0 FOR HOME RUN DESIGNATIONS OF CIRCUITS LOCATED UNDER HOOD.
4. REMOTE JUNCTION BOX FOR USE WITH SINK HEATER. COORDINATE INSTALLATION REQUIREMENTS WITH FOOD SERVICE DRAWINGS AND KITCHEN EQUIPMENT MANUFACTURER.

GENERAL NOTES:

1. COORDINATE THE EXACT LOCATIONS OF RECEPTACLES AND DISCONNECTS WITH THE KITCHEN EQUIPMENT SUPPLIER AND OWNER PRIOR TO INSTALLATION. ALL RECEPTACLES AND DISCONNECTS ARE TO BE COORDINATED WITH THE KITCHEN EQUIPMENT
2. PRIOR TO INSTALLATION, MOUNTING HEIGHTS ARE TO BE SUCH THAT THE CORD LENGTH IS MINIMIZED.
3. ALL DISCONNECTS IN THE KITCHEN AREA ARE TO BE NEMA-3R TYPE. UNLESS NOTED OTHERWISE.
4. THE ELECTRICAL CONTRACTOR IS TO PROVIDE AND INSTALL UNISTRUT, ANGLES AND OTHER HARDWARE AS REQUIRED TO MOUNT OUTLETS IN THE KITCHEN AS SHOWN. THE UNISTRUT SHALL BE USED FOR OTHER SERVICES SUCH AS GAS, WATER, ETC. - COORDINATE WITH THE RESPECTIVE CONTRACTORS AS REQUIRED. THE UNISTRUT IS TO BE STAINLESS STEEL.
5. ALL KITCHEN EXHAUST FAN AND SUPPLY FAN DISCONNECTS ARE TO BE PROVIDED WITH A NEMA SIZE 0 COMBISTARTER. AN ADDITIONAL HOOD CONTROL SWITCH IS TO BE PROVIDED AND INSTALL AT THE HOOD SERVED BY THE FAN (COORDINATE THE LOCATION WITH THE HOOD SUPPLIER).
6. THE ELECTRICAL CONTRACTOR IS TO COORDINATE THE EXACT RECEPTACLE TYPE AND VOLTAGE FOR ALL EQUIPMENT WITH THE RESPECTIVE EQUIPMENT SUPPLIER (INCLUDING KITCHEN EQUIPMENT) PRIOR TO INSTALLATION.
7. LOCATION OF ALL ELECTRICAL ROUGH INS FOR KITCHEN EQUIPMENT SHALL BE COORDINATED WITH FINAL KITCHEN EQUIPMENT LOCATION APPROVED BY OWNER AND ARCHITECT PRIOR TO ROUGH IN. POWER REQUIREMENTS FOR ALL KITCHEN EQUIPMENT SHALL BE COORDINATED PRIOR TO ORDER AND INSTALLATION.
8. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CONDUIT, WIRE, BOXES, ETC. REQUIRED TO MAKE THE FREEZER AND COOLER UNITS FULLY FUNCTIONAL. THE ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT POWER REQUIREMENTS FOR THE FREEZER AND COOLER UNITS PRIOR TO ORDER AND INSTALLATION.
9. FOR ALL 15A/1 AND 20/1 RECEPTACLES FEEDING KITCHEN EQUIPMENT, PROVIDE GFCI BREAKERS INSTEAD OF GFCI RECEPTACLES WHEN THE RECEPTACLES ARE NOT READILY ACCESSIBLE.
10. PROVIDE INTERLOCK CONNECTIONS BETWEEN THE KITCHEN EXHAUST AND SUPPLY FANS AND THE HOOD CONTROLLER PER MANUFACTURER REQUIREMENTS.

HOOD CONTROL SEQUENCE OF OPERATION

	EXHAUST FAN TURNS ON/STAYS ON	SUPPLY FAN TURNS ON	SUPPLY FAN TURNS OFF	SUPPRESION SYSTEM ACTIVATES	ALARM SIGNAL SENT TO FACP	GAS SUPPLY SHUTS DOWN UNDER HOOD	ALL ELECTRICAL EXCEPT LIGHTING SHUTS DOWN UNDER HOOD
DUCT THERMAL SENSOR ACTIVATES	X	X					
FAN SWITCH ON HOOD	X	X					
SUPPRESION SYSTEM FUSIBLE LINK OPERATES	X		X	X	X	X	X
SUPPRESION SYSTEM MANUAL PULL OPERATES	X		X	X	X	X	X



HOOD CONTROL DIAGRAM

NOT TO SCALE

ELECTRICAL NEW WORK PLAN - KITCHEN

SCALE: 1/4" = 1'-0"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL NEW WORK PLAN - KITCHEN

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26
REVISIONS	
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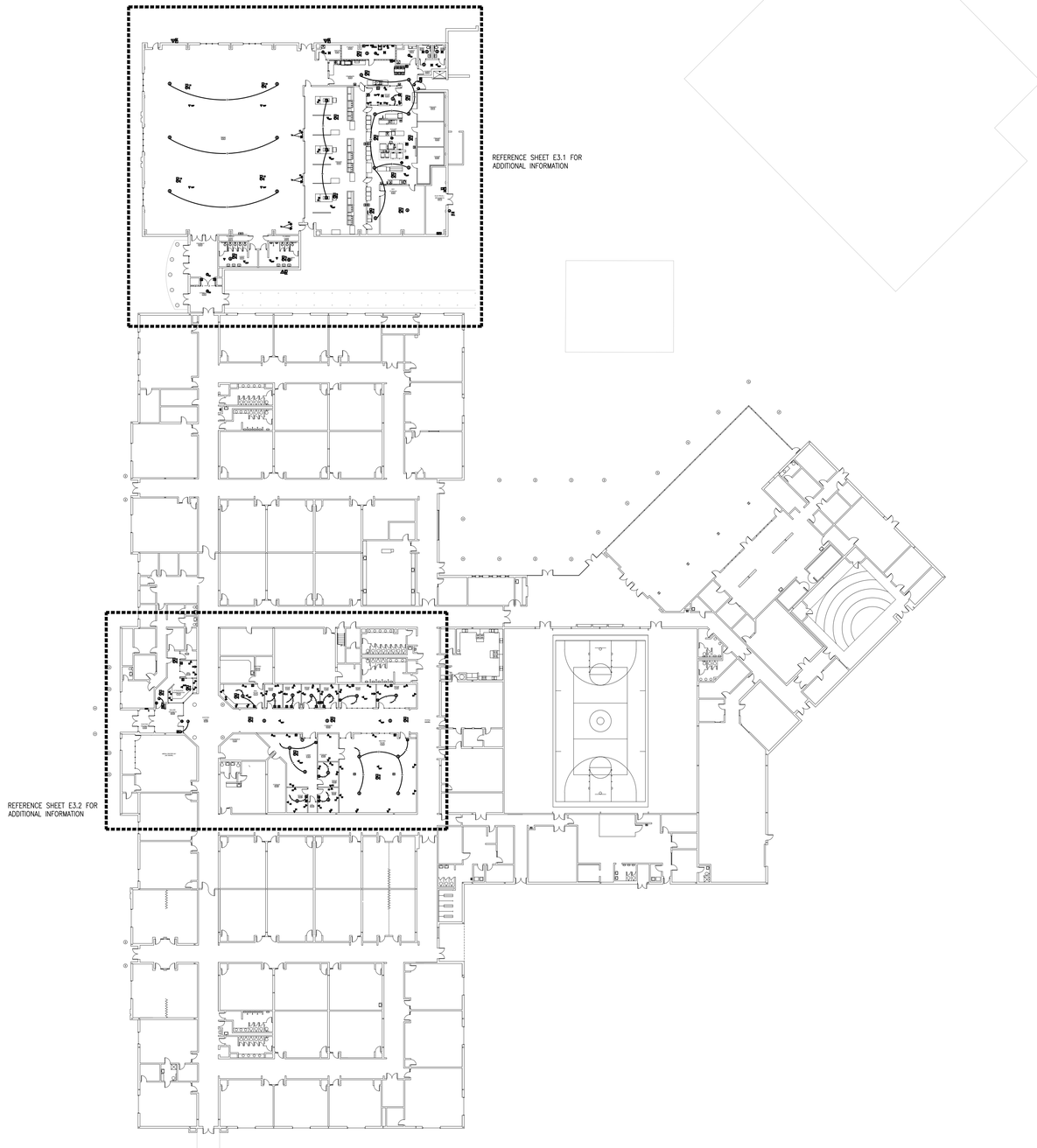
JOB NO. 25-160B

SHEET NO: E2.3

0 1" 2"



SYSTEMS OVERALL NEW WORK PLAN

SCALE: 1" = 30'-0"

LATHAN ▪ McKEE ARCHITECTS

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: SYSTEMS OVERALL NEW WORK PLAN

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER ANTHOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

REVISIONS

#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E3.0

0 1" 2"

- M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170E30.dwg
- Friday, April 17, 2026 2:57:45 PM

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SYSTEMS PLAN KEYNOTES

1. NEW TIME CLOCK. PROVIDE ANY DATA OR POWER CONNECTIONS AS REQUIRED FOR INSTALLATION INCLUDING CONDUIT, WIRING, AND JUNCTION BOXES.

2. EMERGENCY RESPONDER RADIO COVERAGE SYSTEM (ERRCS) HEAD END EQUIPMENT. PROVIDE ALL DEDICATED 120V POWER CONNECTIONS AS REQUIRED BY EQUIPMENT VENDER. ALL WORK ASSOCIATED WITH THE ERRCS SHALL BE CLEARLY MARKED AND PROVIDED AS A SEPARATE LINE ITEM PRICE IN THE BID PACKAGE. REFERENCE 01011 CONTINGENCY ALLOWANCE. IF AFTER LOCAL EMERGENCY AGENCIES HAVE TESTED THE BUILDING AND DETERMINED THAT AN ERRCS IS NOT REQUIRED. THE CONTRACTOR SHALL ISSUE A CREDIT TO THE OWNER FOR ALL WORK ASSOCIATED WITH THE ERRCS.

3. FLOW AND TAMPER SWITCHES FOR SPRINKLER SYSTEM AND BACKFLOW PREVENTER. COORDINATE EXACT LOCATION WITH ARCHITECT.

4. INTERCOM SYSTEM HOMERUN. ROUTE 3/4"C FROM INTERCOM DEVICE TO INTERCOM SYSTEM PATCH PANEL IN CLOSEST TELECOM ROOM. SEE INTERCOM SYSTEM RISER DIAGRAM FOR ADDITIONAL REQUIREMENTS.

5. PROVIDE 3/4" X 4' X 8' PLYWOOD BACKBOARD. PROVIDE 6" CLEARANCE ABOVE FLOOR. ALL POWER AND DATA RECEPTACLES SHALL BE FLUSH WITH BACKBOARD. PROVIDE #6 GROUND IN 3/4" EMT CONDUIT FROM SERVING ELECTRICAL PANEL TO BACKBOARD. COIL 10' SLACK AT BACKBOARD. PROVIDE GROUND BUS BAR (HARGER GBI SERIES) AS REQUIRED BY COMMUNICATIONS CONTRACTOR.

6. CABLE TRAY CHATSWORTH #10250-724 OR APPROVED EQUAL WITH SUPPORT HARDWARE AND OTHER ACCESSORIES AS RECOMMENDED BY THE MANUFACTURER. PROVIDE CABLE TRAY WALL ANGLE SUPPORT KIT AS REQUIRED.

7. FULL HEIGHT FLOOR MOUNT EQUIPMENT RACK WITH EQUIPMENT MOUNTING HARDWARE AS REQUIRED. REFER TO RACK ELEVATION DETAIL. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO SWITCHES, ROUTERS, FIBER DRAWERS, PATCH PANELS, JACKS, CORDS...ETC AS REQUIRED TO INTERFACE WITH EXISTING DATA SYSTEM. INSTALLER SHALL HAVE RCDD ON STAFF. SEE SITE PLAN FOR INCOMING FIBER CONNECTION REQUIREMENTS.

8. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING FROM 4" SQUARE BOX WITH 8" OF FOAM BLOCKING LOCATED IN DOOR FRAME AT CENTER HINGE UP TO ABOVE ACCESSIBLE CEILING. FOR ELECTRIC LOCKING DOOR. COORDINATE WITH SECURITY VENDOR.

9. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING FROM 4" SQUARE BOX AT 48" AFF TO 4" SQUARE BOX LOCATED ABOVE ACCESSIBLE CEILING. FOR VIDEO CAMERA INTERCOM DEVICE. COORDINATE WITH SECURITY VENDOR.

10. 4" SQUARE BOX LOCATED ABOVE DOOR IN ACCESSIBLE CEILING. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING TO FROM BOX TO CENTER OF 24" FOAM BLOCKING ABOVE DOOR FRAME.

11. DATA DROP FOR OWNER FURNISHED OWNER INSTALLED OFOI VAPE DETECTOR DEVICE. DATA CABLE SHALL BE COILED ABOVE CEILING IN THE CENTER OF THE ROOM WITH MINIMUM 10' OF SLACK.

12. NEW FIRE ALARM BOOSTER PANEL.

AUXILIARY GENERAL NOTES:

a. COORDINATE WITH THE MECHANICAL CONTRACTOR, THE EXACT LOCATION OF THE AIR HANDLER/ROOF TOP UNIT SHUTDOWNS (AT THE CONTROL PANEL OR AT THE UNIT).

b. VERIFY EXACT NUMBER AND LOCATION OF DUCT DETECTORS FROM MECHANICAL PLAN, NOT RISER DIAGRAM.

c. VERIFY EXACT NUMBER AND LOCATION OF TAMPER AND FLOW SWITCHES FROM PLUMBING PLANS, NOT RISER DIAGRAM.

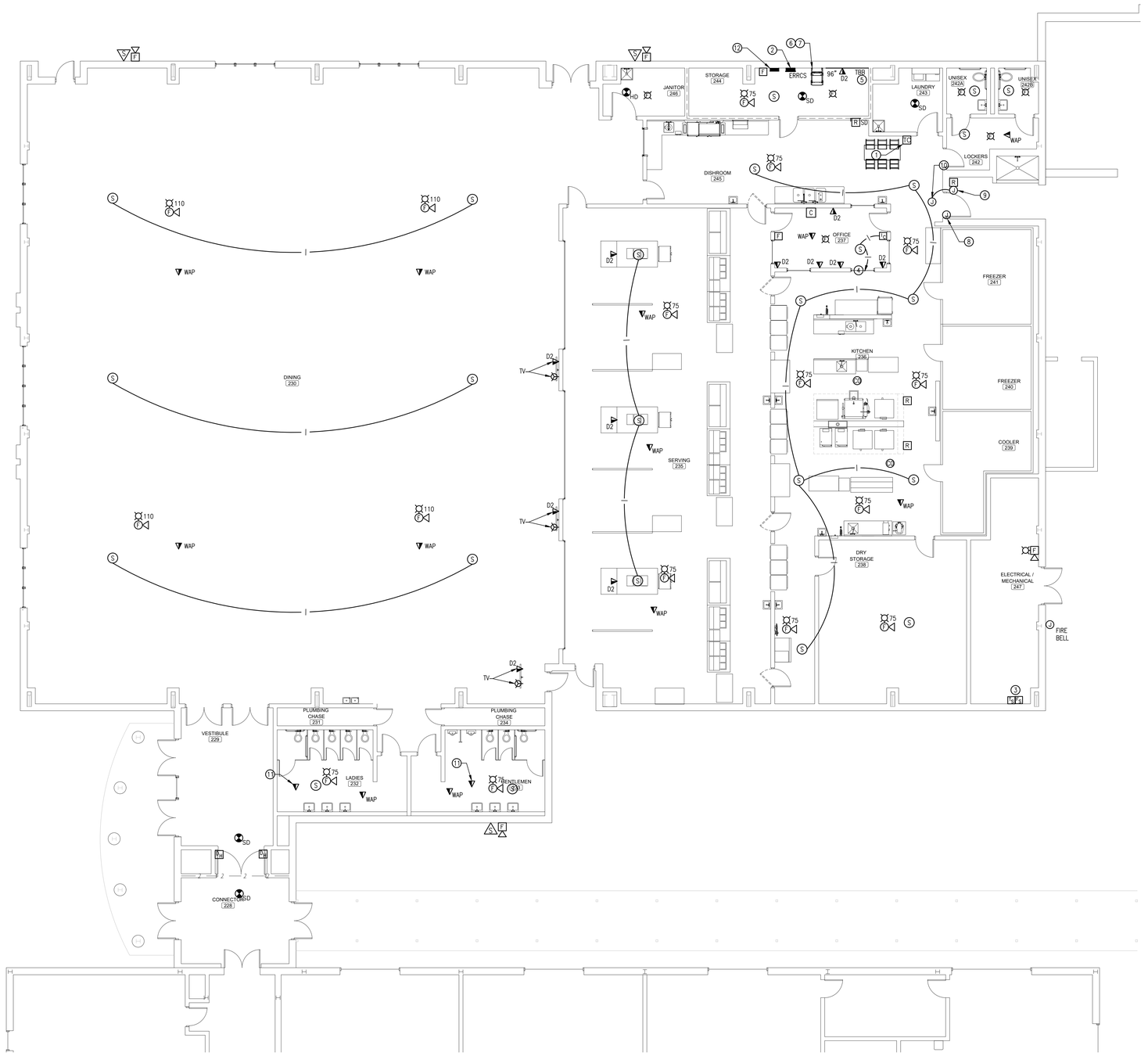
d. VERIFY LOCATION AND MOUNTING HEIGHT OF ALL DEVICES WITH FURNITURE PLAN AND OWNER PRIOR TO ROUGH IN (SPECIFICALLY AT THE FURNITURE IN THE CLASSROOMS).

FOR INTERCOM SPEAKERS NOT INDICATED WITH SPEAKER WIRING:
CONTRACTOR SHALL PROVIDE INTERCOM WIRING BETWEEN SPEAKERS, MAXIMUM FOUR SPEAKERS PER INTERCOM CIRCUIT. INTERCOM CIRCUIT HOMERUN SHALL BE RUN BACK TO CLOSEST TELECOM ROOM. CONTRACTOR SHALL TERMINATE WIRING AT INTERCOM EQUIPMENT LOCATED IN COMM ROOM. ALL INTERCOM EQUIPMENT SHALL BE NETWORKED BACK TO THE INTERCOM MASTER CONSOLE LOCATED IN MAIN COMM ROOM M302. INTERCOM SYSTEM REQUIREMENTS SHALL BE COORDINATED WITH THE SPECIFICATIONS AND INTERCOM SYSTEM INSTALLER.

CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL REFLECTED CEILING PLAN FOR ALL CEILING MOUNTED FIRE ALARM INTERCOM, AND DATA DEVICE LOCATIONS, PRIOR TO ANY ROUGH-IN.

PROVIDE TESTING FOR A NEW ERRCS SYSTEM.

PROVIDE AN ALLOWANCE OF $150,000.00 FOR A NEW ERRCS SYSTEM.



SYSTEMS NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: SYSTEMS NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED 04/17/26 No. 34607 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E3.1

0 1" 2"

SYSTEMS PLAN KEYNOTES

1. APPROXIMATE LOCATION OF EXISTING INTERCOM MASTER EQUIPMENT. FIELD VERIFY EXACT LOCATION FOR INTERCOM TIE-INS.
2. INTERCOM SYSTEM HOMERUN. ROUTE 3/4"C FROM INTERCOM DEVICE TO INTERCOM SYSTEM PATCH PANEL IN CLOSEST TELECOM ROOM. SEE INTERCOM SYSTEM RISER DIAGRAM FOR ADDITIONAL REQUIREMENTS.
3. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING FROM 4" SQUARE BOX WITH 8" OF FOAM BLOCKING LOCATED IN DOOR FRAME AT CENTER HINGE UP TO ABOVE ACCESSIBLE CEILING. FOR ELECTRIC LOCKING DOOR. COORDINATE WITH SECURITY VENDOR.
4. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING FROM 4" SQUARE BOX AT 48" AFF TO 4" SQUARE BOX LOCATED ABOVE ACCESSIBLE CEILING. FOR VIDEO CAMERA INTERCOM DEVICE. COORDINATE WITH SECURITY VENDOR.
5. 4" SQUARE BOX LOCATED ABOVE DOOR IN ACCESSIBLE CEILING. PROVIDE 3/8" FLEX CONDUIT WITH PULL STRING TO FROM BOX TO CENTER OF 24" FOAM BLOCKING ABOVE DOOR FRAME.
6. NEW LOCATION FOR EXISTING HVAC TEMPERATURE CONTROLLER. PROVIDE ANY NEW CONDUIT AND WIRING AS REQUIRED FOR RELOCATION. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ANY ROUGH-IN.
7. EXISTING FIRE ALARM CONTROL PANEL. FIELD VERIFY EXACT LOCATION.

SYSTEMS NEW WORK PLAN - MEDIA CENTER

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

0 4' 8'
2 6'

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: SYSTEMS NEW WORK PLAN - MEDIA CENTER AND CLASSROOM ALTERATIONS

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

REVISIONS

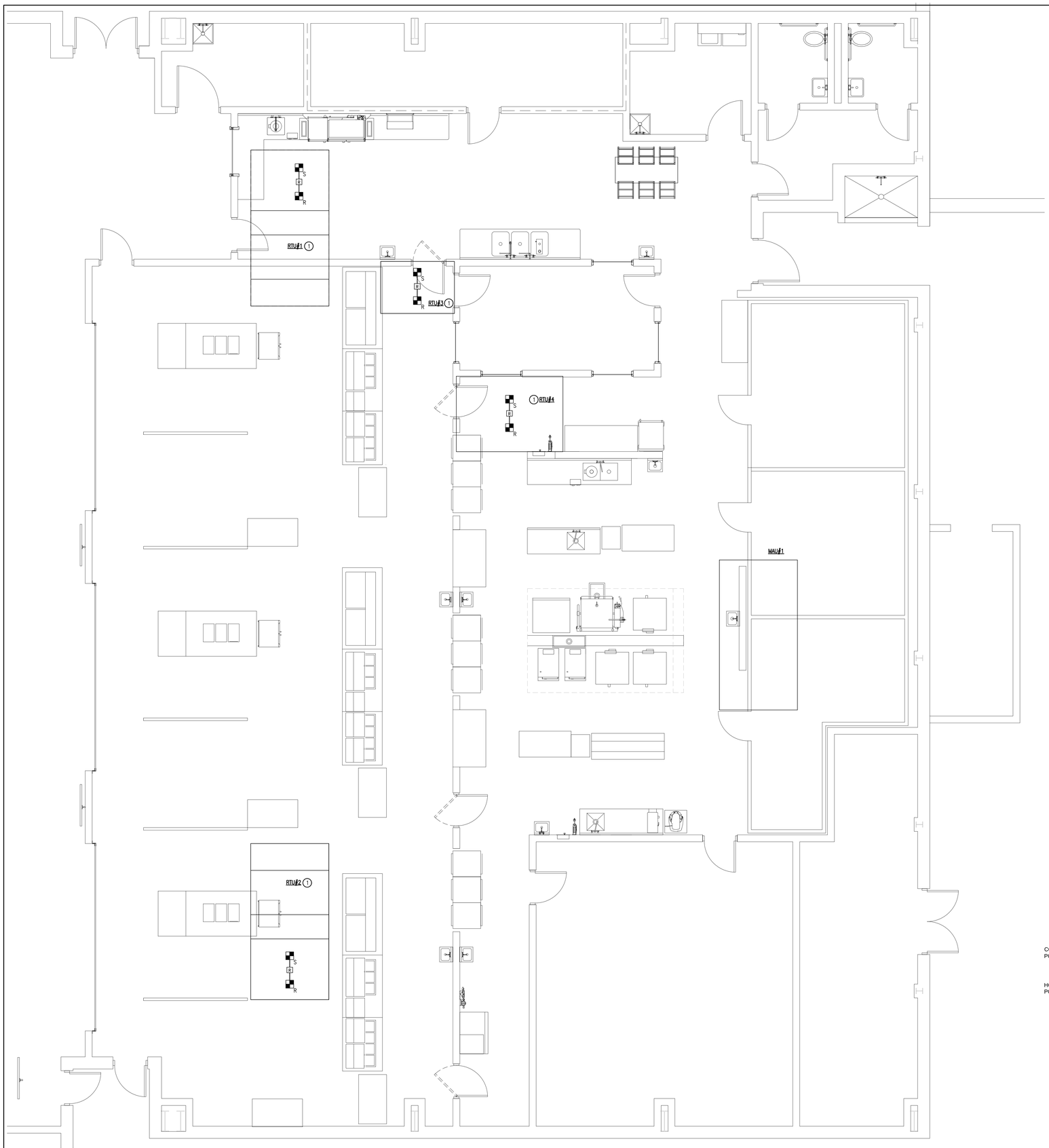
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E3.2

0 1" 2"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7446

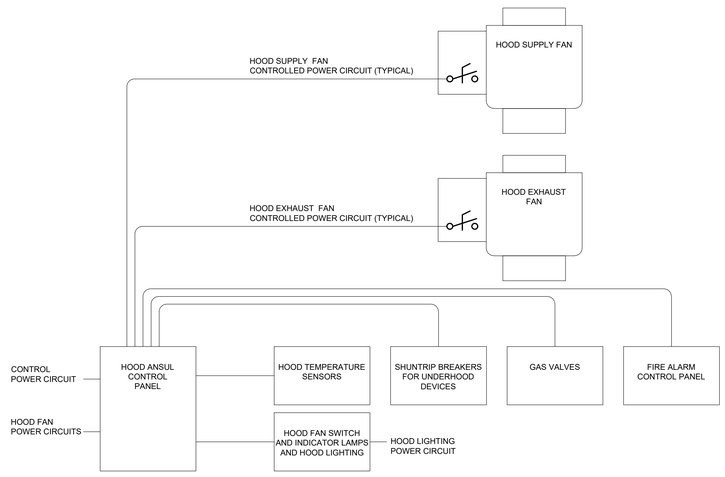


SYSTEMS PLAN KEYNOTES

1. PROVIDE SUPPLY AND RETURN DUCT DETECTORS FOR NEW ROOF TOP UNIT. SUPPLY AND RETURN DETECTORS SHALL BE INTERLOCKED WITH THE FIRE ALARM CONTROL PANEL. SEE FIRE ALARM RISER ON SHEET E5.1 FOR MORE INFORMATION.

HOOD CONTROL SEQUENCE OF OPERATION

	EXHAUST FAN TURNS ON/STAYS ON	SUPPLY FAN TURNS ON	SUPPLY FAN TURNS OFF	SUPPRESION SYSTEM ACTIVATES	ALARM SIGNAL SENT TO FACP	GAS SUPPLY SHUTS DOWN UNDER HOOD	ALL ELECTRICAL EXCEPT LIGHTING SHUTS DOWN UNDER HOOD
DUCT THERMAL SENSOR ACTIVATES	X	X					
FAN SWITCH ON HOOD	X	X					
SUPPRESION SYSTEM FUSIBLE LINK OPERATES	X		X	X	X	X	X
SUPPRESION SYSTEM MANUAL PULL OPERATES	X		X	X	X	X	X



HOOD CONTROL DIAGRAM

NOT TO SCALE

SYSTEMS NEW WORK PLAN - KITCHEN

SCALE: 1/4" = 1'-0"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: SYSTEMS NEW WORK PLAN - KITCHEN

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

REVISIONS

#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E3.3

0 1" 2"

PANEL MDP SCHEDULE

NEMA 1, SURFACE MOUNT
800A M.B. 480Y/277V 3ø 4W
42,000 AIC RATING

CKT NO.	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT NO.
1	RTU#1	3	90	62.1	62.1	90	3		RTU#2	2
3										4
5										6
7	RTU#3	3	60	25.1	28.0	70	3		RTU#4	8
9										10
11										12
13	PANEL KDP THRU XFRMR	3	450	197.2	25.4	40	3		DISHWASHER (G)	14
15										16
17										18
19	WH-1	3	20	6.0	33.3	50	3		DISHWASHER BOOSTER HEATER (G)	20
21										22
23										24
25	PANEL LK	3	60	7.0	·	20	3		SPARE	26
27										28
29										30
31	SPARE	3	20	·	·	20	3		SPARE	32
33										34
35										36
37	SPARE	3	20	·	·	20	3		SPARE	38
39										40
41										42

CONNECTED LOAD 446.2 KVA

(G) INDICATES GFCI TYPE BREAKER.

1

PANEL KDP SCHEDULE

NEMA 1, SURFACE MOUNT
800A M.C.B. 208Y/120V 3ø 4W
10,000 AIC RATING

CKT NO.	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT NO.
1										2
3	PANEL KEM THROUGH ATS	3	125	29.7	162.1	600	3		PANEL KP	4
5										6
7										8
9	SPACE	3	·	·	5.4	60	3		PANEL RL	10
11										12

CONNECTED LOAD 197.2 KVA

PANEL KP SCHEDULE

NEMA 1, RECESSED MOUNT
600A M.L.O 208Y/120V 3ø 4W
10,000 AIC RATING

CKT NO.	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT NO.
1	FLY FAN	1	20	0.6	2.0	30	1		PROOFING CABINET (G)	2
3	CLOTHES DRYER (G)	2	30	4.4	1.0	15	1		ICE MACHINE (G)	4
5					0.5	20	1		DISH DRYER (G)	6
7	WASHER (G)	1	20	1.2	1.0	20	2		COLD FOOD LINE (G)	8
9	COLD FOOD LINE (G)	2	20	1.0						10
11					5.0	20	3		DISPOSAL	12
13	COLD FOOD LINE (G)	2	20	1.0						14
15										16
17	HOT FOOD LINE (G)	2	20	1.0	1.5	20	2		PASSTHRU WARMER (G)	18
19										20
21	HOT FOOD LINE (G)	2	20	1.0	1.5	20	2		PASSTHRU WARMER (G)	22
23										24
25	HOT FOOD LINE (G)	2	20	1.0	1.5	20	2		PASSTHRU WARMER (G)	26
27										28
29	PASSTHRU FRIDGE (G)	1	20	1.3	1.5	20	2		PASSTHRU WARMER (G)	30
31	PASSTHRU FRIDGE (G)	1	20	1.3						32
33	PASSTHRU FRIDGE (G)	1	20	1.3	1.5	20	2		PASSTHRU WARMER (G)	34
35	MILK COOLER (G)	1	20	0.9						36
37	MILK COOLER (G)	1	20	0.9	1.5	20	2		PASSTHRU WARMER (G)	38
39	MILK COOLER (G)	1	20	0.9						40
41	REFRIG (G)	1	20	0.7	0.7	20	1		REFRIG (G)	42
43	REFRIG SERVING TABLE (G)	2	20	2.3	2.0	20	2		CONDIMENT LINE (G)	44
45										46
47	REFRIG SERVING TABLE (G)	2	20	2.3	2.0	20	2		CONDIMENT LINE (G)	48
49										50
51	REFRIG SERVING TABLE (G)	2	20	2.3	2.0	20	2		CONDIMENT LINE (G)	52
53										54

CKT NO.	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT NO.
55	HOT WATER DISPENSER (G)	2	30	5.0	1.0	20	1		CASHIER LINE (G)	56
57					1.0	20	1		CASHIER LINE (G)	58
59	DISPOSAL (G)	3	20	2.4	1.0	20	1		CASHIER LINE (G)	60
61					0.7	20	1		REFRIG (G)	62
63					0.7	20	1		MIXER (G)	64
65	HVAC MAINT. RECS	1	20	0.4	0.4	20	1		MENU BOARD (G)	66
67	SPARE	1	20	·	0.4	20	1		MENU BOARD (G)	68
69	SPARE	1	20	·	0.4	20	1		MENU BOARD (G)	70
71	SPARE	1	20	·	1.0	20	1		STORAGE, RESTROOM RECS (G)	72
73	MOTORIZED DOOR (G)	1	20	1.0	1.0	20	1		UTILITY DISTRIBUTION (S)	74
75	MOTORIZED DOOR (G)	1	20	1.0	·	·	1		SHUNT TRIP	76
77	MOTORIZED DOOR (G)	1	20	1.0	8.6	60	3		HOOD PANEL HP (S)	78
79	UNISEX RESTROOM RECS	1	20	0.4						80
81	OFFICE OUTLETS	1	20	0.8						82
83	OFFICE OUTLETS	1	20	1.0	·	·	1		SHUNT TRIP	84
85	CONVENIENCE OUTLETS	1	20	0.6	0.6	20	1		CONVENIENCE OUTLETS	86
87	CONVENIENCE OUTLETS	1	20	0.6	0.4	20	1		CONVENIENCE OUTLETS	88
89	DRY STORAGE RECS	1	20	0.8	0.4	20	1		CONVENIENCE OUTLETS	90
91	JANITOR, LAUNDRY RECS	1	20	1.2	2.7	20	3		KEF#1	92
93	MUA#1 (S)	3	250	70.8						94
95										96
97					2.7	20	3		KEF#2	98
99	SHUNT TRIP SPACE	1	·	·						100
101	TGWH-1 THROUGH -4	1	20	0.5						102
103	TGWH-5	1	20	0.1	0.7	20	1		DEF#1	104
105	DUMPSTER PAD REC	1	20	0.2	0.2	20	1		SOLENOID VALVE	106
107	SPARE	1	20	·	·	20	1		SPARE	108

CONNECTED LOAD 162.3 KVA

(L) INDICATES LOCKABLE BREAKER.
(G) INDICATES GFCI TYPE BREAKER.
(S) INDICATES BREAKER WITH SHUNT TRIP MODULE. CONTRACTOR TO PROVIDE SPACE IN PANELBOARD AS NECESSARY FOR MOUNTING OF SHUNT TRIP ACCESSORY. PANELBOARD LAYOUT INCLUDING SHUNT TRIP UNIT LOCATION SHALL BE INCLUDED IN THE SHOP DRAWINGS. PROVIDE INTERLOCK CONNECTIONS TO HOOD CONTROL PANEL AS REQUIRED.

PANEL KEM SCHEDULE

NEMA 1, RECESSED MOUNT
125A M.B. 208Y/120V 3ø 4W
10,000 AIC RATING

CKT NO.	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT NO.
1	COOLER ACCESSORIES	1	20	1.6						2
3	FREEZER EVAPORATOR	2	20	2.2	2.4	20	3		COOLER CONDENSOR	4
5										6
7	GENERATOR BATTERY CHARGER	1	20	0.2						8
9	GENERATOR BLOCK HEATER	1	20	1.5	8.6	30	3		FREEZER CONDENSOR	10
11	GENERATOR RECEPTACLE AND LTG (G)	1	20	0.2						12
13	REC/LTS GENERATOR (G)	1	20	0.3	0.3	20	1		COOLER EVAPORATOR	14
15	FREEZER EVAPORATOR	2	20	2.2	·	20	1		SPACE	16
17					·	20	1		SPACE	18
19	FREEZER ACCESSORIES	1	20	1.6	·	20	1		SPACE	20
21	FREEZER CONDENSOR	3	30	8.6	·	20	1		SPACE	22
23					·	20	1		SPACE	24
25					·	20	1		SPACE	26
27	SPARE	1	20	·	·	20	1		SPACE	28
29	SPARE	1	20	·	·	20	1		SPACE	30

CONNECTED LOAD 29.7 KVA

(G) INDICATES GFCI TYPE BREAKER.

EQUIPMENT ELECTRICAL SCHEDULE

MARK	ITEM	VOLTAGE/ø	DISCONNECT SWITCH	FEEDER		
				CONDUCTORS	GROUND	CONDUIT
RTU#1	ROOFTOP UNIT	480/3	100/3 N3R	3#3	#8	1.25"C
RTU#2	ROOFTOP UNIT	480/3	100/3 N3R	3#3	#8	1.25"C
RTU#3	ROOFTOP UNIT	480/3	60/3 N3R	3#6	#10	1.00"C
RTU#4	ROOFTOP UNIT	480/3	100/3 N3R	3#4	#8	1.25"C
MUA#1	MAKE UP AIR UNIT	208/3	400/3 N3R	3#250	#4	3.00"C
ATU#1	AIR TERMINAL UNIT	277/1	INTEGRAL	2#12	#12	0.75"C
EF#1	EXHAUST FAN	120/1	LIGHT SWITCH	2#12	#12	0.75"C
EF#2	EXHAUST FAN	120/1	LIGHT SWITCH	2#12	#12	0.75"C
EF#3	EXHAUST FAN	120/1	LIGHT SWITCH	2#12	#12	0.75"C
EF#4	EXHAUST FAN	120/1	LIGHT SWITCH	2#12	#12	0.75"C
EF#5	EXHAUST FAN	120/1	LIGHT SWITCH	2#12	#12	0.75"C
EF#6	EXHAUST FAN	120/1	LIGHT SWITCH	2#12	#12	0.75"C
EF#7	EXHAUST FAN	120/1	T-STAT	2#12	#12	0.75"C
FF#1	FLY FAN	120/1	DOOR SWITCH	2#12	#12	0.75"C
KEF#1	KITCHEN EXHAUST FAN	208/3	30/3 N3R	3#12	#12	0.75"C
KEF#2	KITCHEN EXHAUST FAN	208/3	30/3 N3R	3#12	#12	0.75"C
DEF#1	DISHWASHER EXHAUST FAN	120/1	30/1 N3R	2#12	#12	0.75"C
TGWH-1	TANKLESS GAS WATER HEATER	120/1	MECH SWITCH	2#12	#12	0.75"C
TGWH-2	TANKLESS GAS WATER HEATER	120/1	MECH SWITCH	2#12	#12	0.75"C
TGWH-3	TANKLESS GAS WATER HEATER	120/1	MECH SWITCH	2#12	#12	0.75"C
TGWH-4	TANKLESS GAS WATER HEATER	120/1	MECH SWITCH	2#12	#12	0.75"C
WH-1	WATER HEATER	480/3	30/3 N3R	3#12	#12	0.75"C

PANEL LK SCHEDULE

NEMA 1, RECESSED MOUNT
60A M.L.O 480Y/277V 3ø 4W
10,000 AIC RATING

CKT NO.	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT NO.
1	BLDG EXTERIOR LTS	1	20	1.2	0.8	20	1		RESTROOMS, ENTRY LOBBY LTS	2
3	CAFETERIA LTS	1	20	2.0	0.8	20	1		SERVING LTS	4
5	DRY STOR., ELEC. LTS	1	20	0.6	0.6	20	1		RR, LAUNDRY, STORAGE LTS	6
7	KITCHEN LTS	1	20	1.0	·	20	1		SPARE	8
9	SPARE	1	20	·	·	20	1		SPARE	10
11	SPARE	1	20	·	·	20	1		SPARE	12
13	SPARE	1	20	·	·	20	1		SPARE	14
15	SPARE	1	20	·	·	20	1		SPARE	16
17	SPARE	1	20	·	·	20	1		SPARE	18

CONNECTED LOAD 7.0 KVA

PANEL RL SCHEDULE

NEMA 1, RECESSED MOUNT
60A M.L.O 208Y/120V 3ø 4W
10,000 AIC RATING

CKT NO.	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT NO.
1	EWC (G)	1	20	1.2	1.0	20	1		FIRE ALARM BOOSTER PANEL (L)	2
3	LADIES 514 REC	1	20	0.2	0.8	20	1		CAFETERIA RECS	4
5	GENTLEMEN 515 REC	1	20	0.2	0.8	20	1		CAFETERIA RECS	6
7	HVAC MAINTENANCE RECS	1	20	0.8	0.4	20	1		LOBBY 511 RECS	8
9	ERRCS PANEL	1	20	1.0	0.2	20	1		SMOKE DAMPERS	10
11	TBB	1	20	0.4	0.4	20	1		STORAGE REC	12
13	DOOR INTERLOCKING HARDWARE	1	20	0.2	·	20	1		SPARE	14
15	SPARE	1	20	·	·	20	1		SPARE	16
17	SPARE	1	20	·	·	20	1		SPARE	18

CONNECTED LOAD 7.6 KVA

(G) INDICATES GFCI TYPE BREAKER.
(L) INDICATES LOCKABLE TYPE BREAKER.

LOAD CENTER HP* SCHEDULE

NEMA 1
60A M.L.O 208Y/120V 3ø 4W
10,000 AIC RATING

CKT NO.	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT NO.
1	COMBI OVEN (G)	1	20	1.6	0.4	20	1		BRAISING PAN (G)	2
3	COMBI OVEN (G)	1	20	1.6	0.7	20	1		DOUBLE STACK OVEN (G)	4
5	DOUBLE STACK OVEN (G)	1	20	0.7	0.7	20	1		DOUBLE STACK OVEN (G)	6
7	DOUBLE STACK OVEN (G)	1	20	0.7	0.7	20	1		DOUBLE STACK OVEN (G)	8
9	DOUBLE CONVECTION STEAMER (G)	1	20	0.2	0.7	20	1		DOUBLE STACK OVEN (G)	10
11	DOUBLE CONVECTION STEAMER (G)	1	20	0.2	0.2	20	1		DOUBLE CONVECTION STEAMER (G)	12
13	SPARE	1	20	·	0.2	20	1		DOUBLE CONVECTION STEAMER (G)	14
15	SPARE	1	20	·	·	20	1		SPARE	16
17	SPARE	1	20	·	·	20	1		SPARE	18

CONNECTED LOAD 8.6 KVA

(G) INDICATES GFCI TYPE BREAKER.
(*) PANEL IS SUPPLIED THROUGH SHUNT TRIP BREAKER IN PANEL KP.

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.: A. VARGHESE
DRAWN: C. PAGE
DATE: 03/25/26
REVISIONS

#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B
SHEET NO:
E4.0

0 1" 2"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

EXIST. PANEL P2 SCHEDULE (SEC 1)

250A M.B. 208Y/120V 3ø 4W — 22,000 AIC RATING

CKT NO.	LOAD DESCRIPTION		BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION		CKT NO.
1	RECS CR.104	(E)	1	20	0.9	0.6	0.8	20	1	MAIL ROOM 121 RECS	(N)	2
3	RECS CR.104	(E)	1	20	0.9	0.6	0.8	20	1	MAIL ROOM 121 RECS	(N)	4
5	RECS CR.104	(E)	1	20	0.9	0.8	0.8	20	1	SRO OFFICE RECS	(N)	6
7	RECS CR.104	(E)	1	20	0.9	0.8	0.8	20	1	OFFICE 128 RECS	(N)	8
9	RECS CR.104	(E)	1	20	0.9	0.8	0.8	20	1	OFFICE 127 RECS	(N)	10
11	RECS CR.104	(E)	1	20	0.9	0.8	0.8	20	1	OFFICE 126 RECS	(N)	12
13	RECS CR.104	(E)	1	20	0.9	0.8	0.8	20	1	OFFICE 124 RECS	(N)	14
15	RECS CR.104	(E)	1	20	0.9	0.8	0.8	20	1	OFFICE 123 RECS	(N)	16
17	RECS CR.108	(E)	1	20	1.1	0.8	0.8	20	1	OFFICE 122 RECS	(N)	18
19	RECS CORRIDOR	(E)	1	20	0.9	3.0	2.0	2	XEROX 1075 RM.150		(E)	20
21	RECS CORRIDOR	(E)	1	20	0.9							22
23	CR.164	(E)	2	20	2.0	1.5	0.9	20	1	SMALL APP. RM 150	(E)	24
25								20	1	RECS RM. 150	(E)	26
27	RECS CR.164	(E)	1	20	0.7	0.7	0.7	20	1	RECS RM. 168	(E)	28
29	RECS CR.164	(E)	1	20	0.7	0.9	0.9	20	1	RECS RM. 165+167	(E)	30
31	RECS CR.164	(E)	1	20	0.7	0.7	0.7	20	1	E.W.H.	(E)	32
33	RECS CR.164	(E)	1	20	0.7	0.4	0.4	20	1	EF-4,5,24	(E)	34
35	RECS CR.164	(E)	1	20	0.7	1.0	1.0	20	1	EF-10,11	(E)	36

CONNECTED LOAD ... KVA

(E) INDICATES EXISTING BREAKER AND CIRCUIT SHALL REMAIN.
(N) INDICATES NEW BREAKER AND CIRCUIT SHALL REPLACE EXISTING.

EXIST. PANEL L2 SCHEDULE (SEC 1)

600A M.L.O. 480Y/277V 3ø 4W — 22,000 AIC RATING

CKT NO.	LOAD DESCRIPTION		BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION		CKT NO.
1	LTS RM 165,167,168	(E)	1	20	2.4	0.9	2.3	1	LTS RM 152		(E)	2
3	LTS CR. 164	(E)	1	20	3.4	0.4	2.0	1	LTS OFFICES, HALL, MAIL RM		(N)	4
5	LTS CORRIDOR	(E)	1	20	3.9	3.3	2.0	1	LTS RM 151,152,166		(E)	6
7	LTS CORRIDOR	(E)	1	20	2.5	3.7	2.0	1	LTS RM 150		(E)	8
9	LTS BATHROOMS, RM 154	(E)	1	20	2.6	3.2	2.0	1	LTS CR. 104		(E)	10
11	LTS RMS 220,221,261,MEZZ	(E)	1	20	3.0	2.3	2.0	1	LTS CR. 108, RM. 101		(E)	12
13	LTS GYM	(E)	1	20	2.3	2.8	2.0	1	LTS CR. 225		(E)	14
15	LTS GYM	(E)	1	20	2.3	3.5	2.0	1	LTS RM. 236		(E)	16
17	LTS GYM	(E)	1	20	2.3	2.8	2.0	1	LTS CR. 229		(E)	18
19	LTS GYM	(E)	1	20	2.3	2.0	2.0	1	LTS RM. 231,242		(E)	20
21	LTS GYM	(E)	1	20	2.3	3.0	2.0	1	LTS RMS 249 THRU 252		(E)	22
23	LTS RM. 260	(E)	1	20	2.3	3.1	2.0	1	LTS RM. 245		(E)	24
25	SPARE	(E)	1	20	·	2.3	2.0	1	LTS CR. 222		(E)	26
27	SPARE	(E)	1	20	·	·	·	1	SPACE		(E)	28
29	SPARE	(E)	1	20	·	·	·	1	SPACE		(E)	30
31	AHU#2	(E)	3	60	7.5	7.5	60	3	AHU#3		(E)	32
33												34
35												36

CONNECTED LOAD 79.9 KVA

(E) INDICATES EXISTING BREAKER AND CIRCUIT SHALL REMAIN.
(N) INDICATES NEW BREAKER AND CIRCUIT SHALL REPLACE EXISTING.

EXIST. PANEL P2 SCHEDULE (SEC 2)

250A M.L.O. 208Y/120V 3ø 4W — 22,000 AIC RATING

CKT NO.	LOAD DESCRIPTION		BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION		CKT NO.
37	RECS MEZZANINE	(E)	1	20	0.5	1.0	0.9	20	1	HAIR DRYER RM. 235	(E)	38
39	RECS CORRIDOR	(E)	1	20	0.9	1.0	0.9	20	1	HAIR DRYER RM. 235	(E)	40
41	RECS RM. 221	(E)	1	20	0.7	1.0	0.9	20	1	HAIR DRYER RM. 235	(E)	42
43	COKE DISPENSER RM. 220	(E)	1	20	1.2	0.7	0.9	20	1	E.W.C	(E)	44
45	ICE MAKER RM. 220	(E)	2	20	2.4	0.9	0.9	20	1	RECS RM. 236+241	(E)	46
47						1.1	0.9	20	1	RECS RM. 239	(E)	48
49	SMALL APP. RM. 220	(E)	1	20	1.5	5.0	1.0	30	2	DRYER RM. 237	(E)	50
51	PLUGMOLD RM. 225	(E)	1	20	1.0							52
53	PLUGMOLD RM. 225	(E)	1	20	1.0	1.5	1.0	20	1	CLOTHES WASHER RM. 237	(E)	54
55	PLUGMOLD RM. 225	(E)	1	20	1.0	0.5	1.0	20	1	RECS RM. 242	(E)	56
57	PLUGMOLD RM. 225	(E)	1	20	1.0	0.4	1.0	20	1	RECS RM. 245	(E)	58
59	PLUGMOLD RM. 225	(E)	1	20	1.0	5.0	1.0	30	2	DRYER RM. 247	(E)	60
61	PLUGMOLD RM. 225	(E)	1	20	1.0							62
63	PLUGMOLD RM. 225	(E)	1	20	1.0	1.5	1.0	20	1	CLOTHES WASHER RM. 287	(E)	64
65	PLUGMOLD RM. 225	(E)	1	20	1.0	0.5	1.0	20	1	RECS RM. 250+251	(E)	66
67	PLUGMOLD RM. 225	(E)	1	20	1.0	0.7	1.0	20	1	RECS RM. 249	(E)	68
69	PLUGMOLD RM. 225	(E)	1	20	1.0	0.7	1.0	20	1	E.W.C.	(E)	70
71	PLUGMOLD RM. 225	(E)	1	20	1.0	0.7	1.0	20	1	E.W.C.	(E)	72

CONNECTED LOAD ... KVA

(E) INDICATES EXISTING BREAKER AND CIRCUIT SHALL REMAIN.
(N) INDICATES NEW BREAKER AND CIRCUIT SHALL REPLACE EXISTING.

EXIST. PANEL P2 SCHEDULE (SEC 3)

250A M.L.O. 208Y/120V 3ø 4W — 22,000 AIC RATING

CKT NO.	LOAD DESCRIPTION		BREAKER POLE	BREAKER AMP	KVA		KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION		CKT NO.
73	PLUG MOLD RM. 225	(E)	1	20	1.0	1.1	1.0	20	1	RECS CR. 229	(E)	74
75	PLUG MOLD RM. 225	(E)	1	20	1.0	0.6	1.0	20	1	RECS CR. 229 COMPUTER	(E)	76
77	RECS RM. 153+154	(E)	1	20	0.9	0.7	0.9	20	1	RECS GYMNASIUM	(E)	78
79	RECS RM. 262+263	(E)	1	20	0.5	0.7	0.5	20	1	RECS GYMNASIUM	(E)	80
81	SCORE BOARD CONTROL	(E)	1	20	0.2	1.0	0.2	20	1	GYM AMPLIFIER	(E)	82
83	RECS ELEC. RM.	(E)	1	20	0.7	1.6	0.7	20	1	SCORE BOARD POWER	(E)	84
85	RECS RM. 227	(E)	1	20	0.7	·	0.7	20	1	SPARE	(E)	86
87	RECS RM. 226+228	(E)	1	20	0.7	·	0.7	20	1	SPARE	(E)	88
89	SPARE	(E)	1	20	·	·	·	20	1	SPARE	(E)	90
91	SPARE	(E)	1	20	·	0.8	0.8	20	1	ADMINISTRATOR 101 RECS	(N)	92
93	SPARE	(E)	1	20	·	0.8	0.8	20	1	MEETING ROOM 130 RECS	(N)	94
95	SPARE	(E)	1	20	·	0.8	0.8	20	1	MEETING ROOM 130 RECS	(N)	96
97	LOBBY 125 RECS	(N)	1	20	1.0	0.8	0.8	20	1	OFFICE 125E RECS	(N)	98
99	CORRIDOR 100C RECS	(N)	1	20	1.0	0.8	0.8	20	1	OFFICE 125D RECS	(N)	100
101	HVAC MAINT. REC	(N)	1	20	0.2	0.8	0.8	20	1	OFFICE 125B RECS	(N)	102
103	SPACE		·	·	·	·	·	·	1	SPACE		104
105	SPACE		1	·	·	·	·	·	1	SPACE		106
107	SPACE		1	·	·	·	·	·	1	SPACE		108

1

CONNECTED LOAD ... KVA

(E) INDICATES EXISTING BREAKER AND CIRCUIT SHALL REMAIN.
(N) INDICATES NEW BREAKER AND CIRCUIT SHALL REPLACE EXISTING.

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER ANTHOMAS VARGHESE

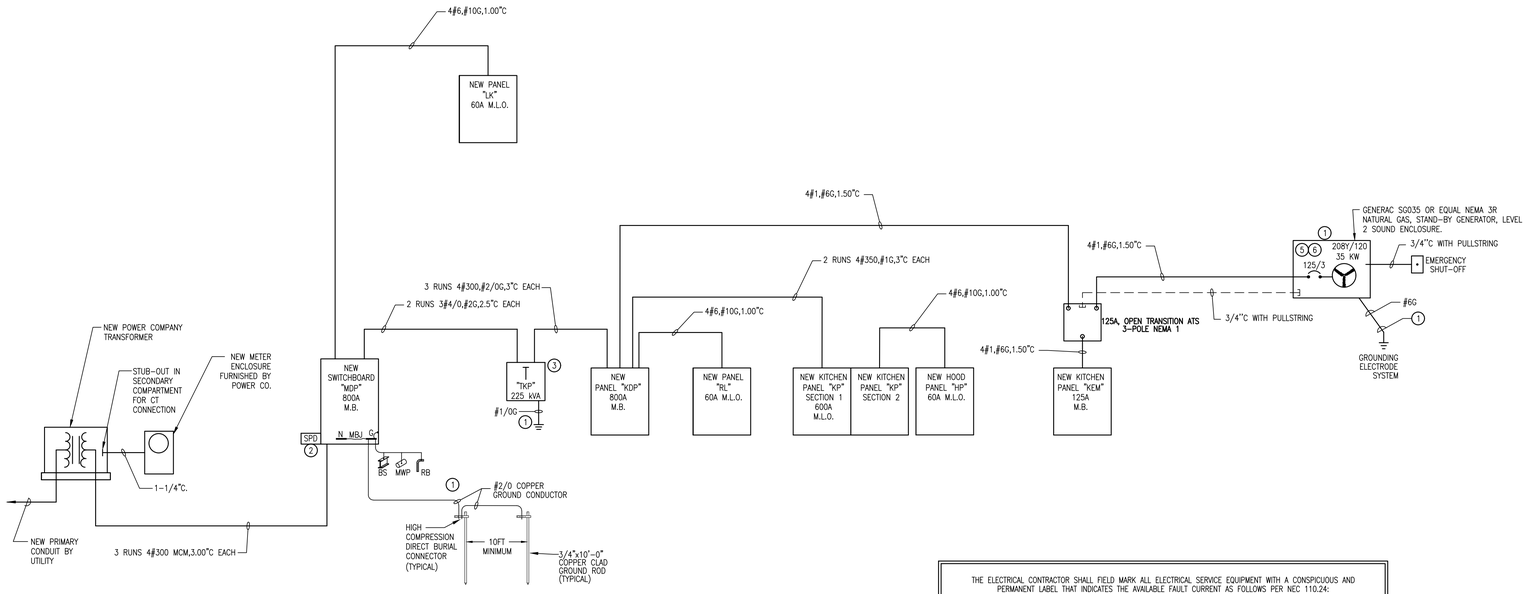
PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO:

E4.1

0 1" 2"



ELECTRICAL SINGLE LINE DIAGRAM

SCALE: NOT TO SCALE

ELECTRICAL SINGLE LINE DIAGRAM: GENERAL NOTE

1. CONTRACTOR SHALL ADD 30,000$ TO THE BID PRICING FOR ELECTRICAL SERVICE RELATED COSTS.

SINGLE LINE DIAGRAM KEYNOTES:

1. GROUNDING ELECTRODE SYSTEM SHALL BE IN ACCORDANCE WITH NEC 2020 ARTICLE 250.
2. PROVIDE EXTERNAL, SERVICE ENTRANCE RATED, CATEGORY-C SURGE PROTECTION DEVICE, 10-MODE, 240kA PER PHASE.
3. TRANSFORMER SHALL BE INSTALLED WITH A CLASS 155 OR HIGHER INSULATION SYSTEM IN ACCORDANCE WITH NEC 450.21 (B) FOR CODE COMPLIANT INSTALLATION IN A ROOM THAT DOES NOT HAVE A MINIMUM FIRE RATING OF (1) HOUR.
4. NOT USED.
5. COORDINATE WITH GENERATOR INSTALLER FOR LOAD STEP SEQUENTIAL STARTING REQUIREMENTS. LIGHTING AND MISCELLANEOUS LOADS SHALL BE LOAD STEP #1, COOLER SHALL BE LOAD STEP #2, AND FREEZER SHALL BE LOAD STEP #3. PROVIDE ALL HARDWARE AND CONNECTIONS AS FOR LOAD SEQUENCING AS RECOMMENDED BY GENERATOR INSTALLER.
6. PROVIDE LIGHT FIXTURES AND 120V 20A GFCI MAINTENANCE RECEPTACLE INSIDE GENERATOR ENCLOSURE PROVIDE ALL CONNECTIONS AS REQUIRED FOR BATTERY CHANGER, BLOCK HEATER, LIGHTS, AND RECEPTACLE FROM GENERATOR TO EMERGENCY PANEL; SEE PANEL SCHEDULE.

THE ELECTRICAL CONTRACTOR SHALL FIELD MARK ALL ELECTRICAL SERVICE EQUIPMENT WITH A CONSPICUOUS AND PERMANENT LABEL THAT INDICATES THE AVAILABLE FAULT CURRENT AS FOLLOWS PER NEC 110.24:

"Panel XX"
"Maximum available fault current = ##,### Amps"
"Month DD, Year"

THE LABEL SHOULD BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.

THE ELECTRICAL CONTRACTOR SHALL FIELD MARK ALL PANEL BOARDS IN AREA OF WORK THAT ARE TO REMAIN TO INDICATE ORIGIN OF POWER SUPPLY.

NOTE: ALL EQUIPMENT THAT IS LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED SHALL BE PROVIDED WITH A LABEL IN ACCORDANCE WITH NEC 110.16. THE EQUIPMENT MANUFACTURER SHALL PROVIDE AN ARC FLASH HAZARD ANALYSIS TO DETERMINE THE LEVEL OF PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIRED FOR EACH PIECE OF EQUIPMENT. LABEL SHALL INCLUDE:

1. AT LEAST ONE OF THE FOLLOWING:
   - A. AVAILABLE INCIDENT ENERGY AND THE CORRESPONDING WORKING DISTANCE
   - B. MINIMUM ARC RATING OF CLOTHING
   - C. REQUIRED LEVEL OF PPE
   - D. HIGHEST HAZARD/RISK CATEGORY (HRC) FOR THE EQUIPMENT
2. NOMINAL SYSTEM VOLTAGE
3. ARC FLASH BOUNDARY

ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR TO ENSURE THE OVER CURRENT PROTECTION FOR THE SPECIFIC HVAC EQUIPMENT MEETS THE MANUFACTURER AND THE NATIONAL ELECTRICAL CODE REQUIREMENTS.

THE ELECTRICAL CONTRACTOR SHALL FIELD MARK ALL PANEL BOARDS WITH ORIGIN OF POWER SUPPLY. VIA MECHANICALLY FASTENED PHENOLIC LABEL.

THE ELECTRICAL CONTRACTOR SHALL DISTINCTLY LABEL ALL SERVICES FOR EACH BUILDING ON THE PROPERTY SUCH THAT THEY CORRESPOND WITH THE RESPECTIVE BUILDING THEY SERVE. FOR EXAMPLE, IF THERE ARE TWO BUILDINGS AND SERVICES, THEY SHALL BE LABELED AS "BUILDING 1 OF 2", "BUILDING 2 OF 2".

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL RISER DIAGRAM

ALABAMA LICENSED 04/17/26 No. 34657 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

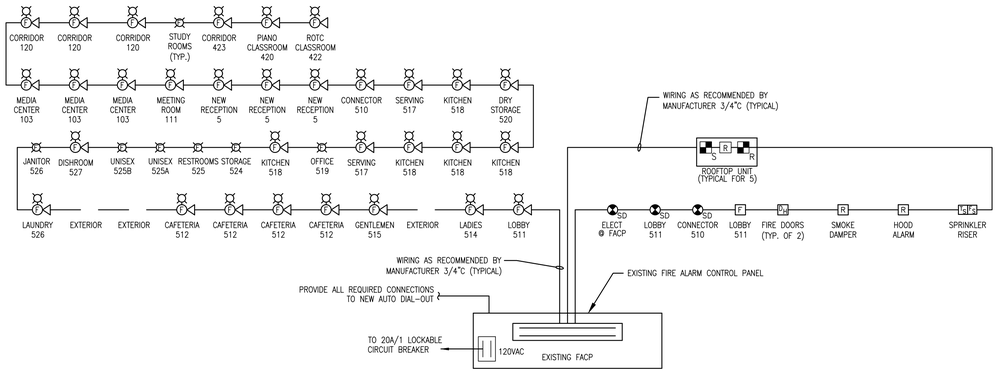
REVISIONS

#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E5.0

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7446



FIRE ALARM SYSTEM RISER DIAGRAM

NOT TO SCALE

FIRE ALARM SYSTEM GENERAL NOTES:

a. VERIFY EXACT NUMBER OF DEVICES FROM FLOOR PLAN, NOT RISER DIAGRAM.

b. THE NAC CIRCUITS ARE SHOWN DIAGRAMATIC. MAXIMUM NUMBER OF DEVICES ON ANY CIRCUIT IS LIMITED. PROVIDE ADDITIONAL HARDWARE AS REQUIRED.

c. SLC LOOP TO CONNECT ALL FIRE ALARM SYSTEM DEVICES FROM FLOOR PLANS. PROVIDE ADDITIONAL LOOP(S) AS REQUIRED.

d. BATTERY CABINETS AND NAC EXPANDERS SHALL BE LOCATED BELOW OR ADJACENT TO FIRE ALARM CONTROL PANEL.

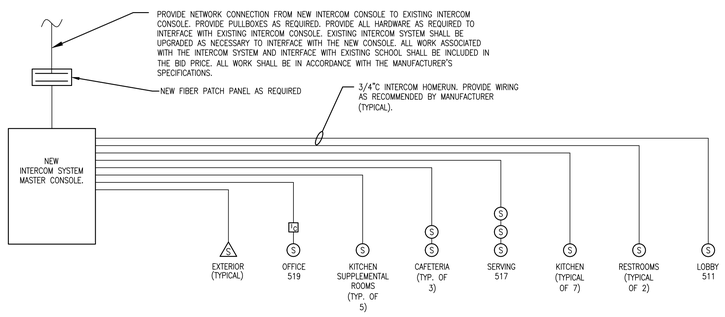
e. ALL FIRE ALARM WORK SHALL BE PERFORMED BY QUALIFIED PERSONNEL AS DEFINED IN NFPA 72 (LATEST EDITION) SECTION(S) 4.3.3 AND 4.4.4.2. SHOP DRAWINGS SHALL COMPLY WITH NFPA 72 SECTION 4.5.1.1.

f. SPLICING OF FIRE ALARM WIRING IS STRICTLY PROHIBITED.

g. UPON PROJECT COMPLETION THE CAMPUS WIDE FIRE ALARM SYSTEM SHALL BE RECERTIFIED AND TESTED. PROVIDE WITH A RECORD OF COMPLETION AS REQUIRED IN NFPA 72 SECTION 4.5.2.

h. THE FIRE ALARM INSTALLER SHALL BE LICENSED AS A CERTIFIED FIRE ALARM CONTRACTOR. THE CONTRACTOR MUST HAVE A NICET LEVEL III TECHNICIAN IN A POSITION OF RESPONSIBILITY, AND THE LICENSE SHALL BE ISSUED IN THE NAME OF THE CERTIFICATE HOLDER AND THE CONTRACTOR. TECHNICIANS WORKING FOR THE CERTIFIED CONTRACTOR MUST HOLD A CURRENT NICET LEVEL II, OR EQUIVALENT, CERTIFICATION. CONTRACTORS WISHING TO BID ON FIRE ALARM WORK SHALL SHOW EVIDENCE AT THE PRE-BID CONFERENCE THAT HE/SHE MEETS THE CERTIFICATION REQUIREMENTS AND HOLD A PERMIT ISSUED BY THE STATE OF ALABAMA FIRE MARSHAL.

i. THE FIRE ALARM SYSTEM SHALL BE MONITORED BY AN APPROVED SUPERVISING STATION IN ACCORDANCE WITH NFPA 72. AUTOMATIC TELEPHONE DIALING DEVICES USED TO TRANSMIT AN EMERGENCY ALARM SHALL NOT BE CONNECTED TO ANY FIRE DEPARTMENT TELEPHONE NUMBER UNLESS APPROVED BY THE FIRE CHIEF.



INTERCOM RISER DIAGRAM

NOT TO SCALE

GENERAL NOTE:

1. VERIFY EXACT NUMBER OF DEVICES FROM FLOOR PLAN, NOT RISER.

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: INTERCOM AND FIRE ALARM RISER DIAGRAMS

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

REVISIONS

#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E5.1

0 1" 2"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2661
253 ST. ANTHONY STREET
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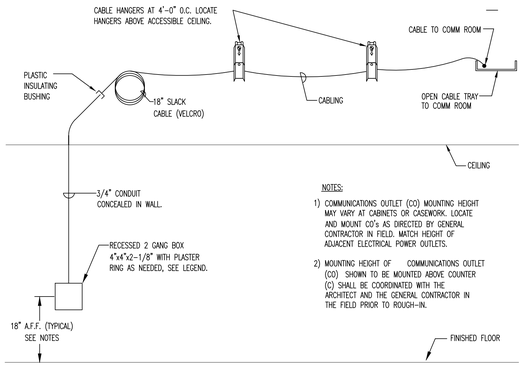
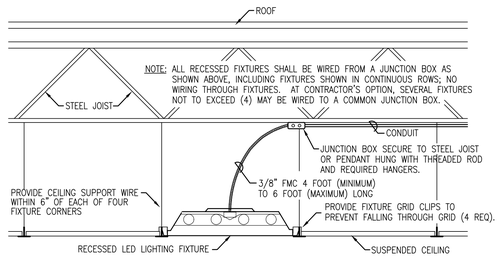


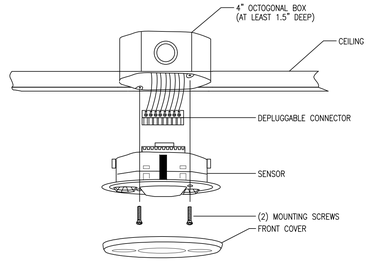
TYPICAL COMMUNICATIONS OUTLET ROUGH-IN MOUNTING DETAIL

NOT TO SCALE



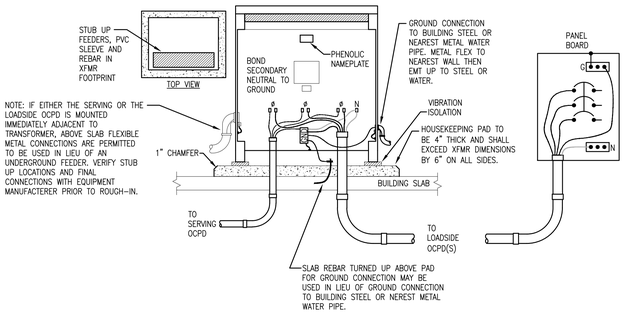
TYPICAL RECESSED FIXTURE INSTALLATION DETAIL

NOT TO SCALE



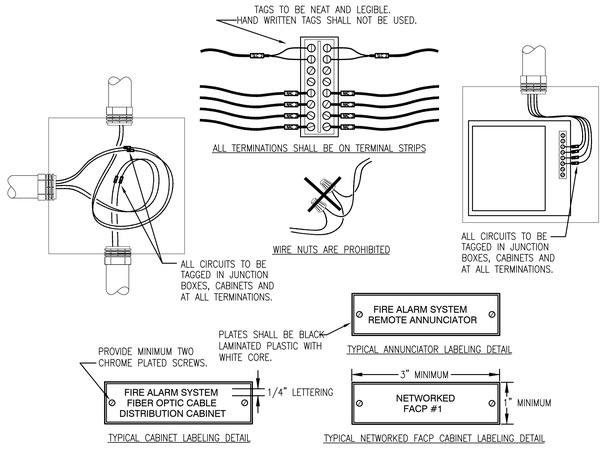
DUAL TECHNOLOGY MOUNTING DETAIL - CEILING MOUNT

NOT TO SCALE



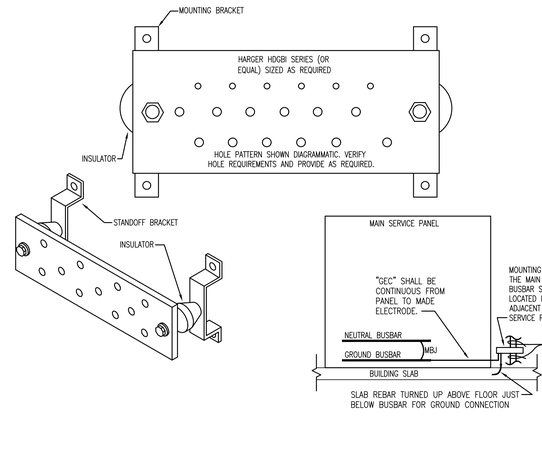
FLOOR MOUNTED TRANSFORMER DETAIL

NOT TO SCALE



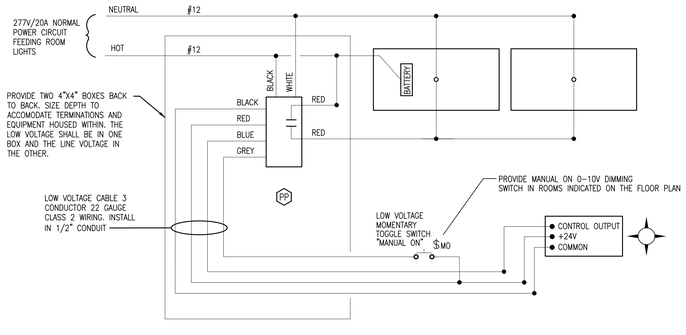
FIRE ALARM SYSTEM LABELING DETAIL

NOT TO SCALE



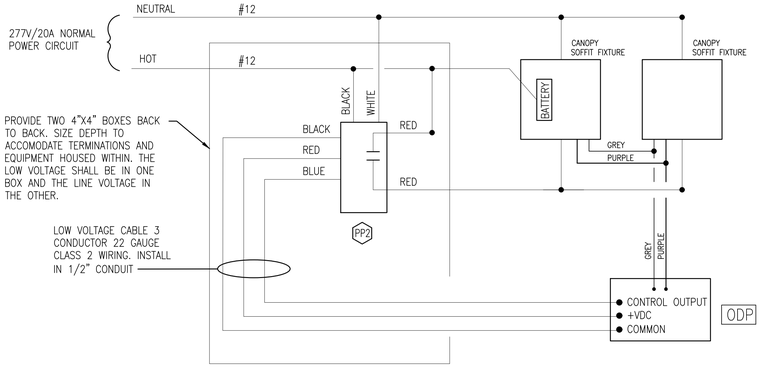
MAIN GROUNDING BUSBAR DETAIL

NOT TO SCALE



TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM

NOT TO SCALE



CANOPY SOFFIT FIXTURE CONTROL DIAGRAM

NOT TO SCALE

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL DETAILS

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ELECTRICAL ENGINEER JOHN THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

REVISIONS

#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: E6.0

0 1" 2"

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7446

DEMOLITION PLAN NOTES:

1. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SECURING ALL DEVICES, FIXTURES, WIRES, CONDUIT, ETC. ABOVE THE CEILING PRIOR TO CEILING DEMOLITION. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED TO SUCH MATERIALS DURING THE CEILING DEMOLITION PHASE.
2. EXACT LOCATIONS FOR EXISTING MECHANICAL UNITS, DEVICES AND BOXES ARE TO BE FIELD VERIFIED.
3. ALL PENETRATIONS (NEW AND EXISTING) OF THE FIRE RATED BARRIERS SHALL BE FIRE STOPPED USING U.L. APPROVED METHODS AND MATERIALS.
4. ALL EXISTING PANELS ARE TO REMAIN (UNLESS OTHERWISE NOTED). THE ELECTRICAL CONTRACTOR IS TO VERIFY THE BREAKER SIZES, WIRE SIZES, PANEL SIZES, AND PANEL LOADS IN THE FIELD. ALL PANELS ARE TO BE COMPLETELY LABELED AND UPDATED DIRECTORIES INSTALLED. ALL PANELS ARE TO BE PROPERLY GROUNDED PER THE NATIONAL ELECTRIC CODE.
5. TERMINATED CIRCUITS THAT ARE NOT USED ON THE NEW WORK PLANS SHALL BE LABELED WITH THE SERVING PANEL AND CIRCUIT NUMBER CLEARLY MARKED ON THE TERMINATING JUNCTION BOX.
6. THE PHASING OF ALL WORK IS TO BE COORDINATED WITH OTHER CONTRACTORS (GENERAL, MECHANICAL, ETC.) PRIOR TO PROJECT COMMENCEMENT.
7. THE ELECTRICAL CONTRACTOR IS TO PROVIDE AND INSTALL JUNCTION BOX COVERS AS REQUIRED. ALL WIRE IN THE AREA OF WORK IS TO BE INSTALLED PROPERLY UPON COMPLETION OF THE PROJECT.
8. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL DEVICES, LIGHT FIXTURES AND OTHER EQUIPMENT TO REMAIN ACTIVE – CIRCUITS ASSOCIATED WITH BOTH REMOVED ELECTRICAL WORK AND ELECTRICAL WORK TO REMAIN ARE TO BE EXTENDED WITH WIRE, CONDUIT, BOXES, ETC. (SIZE TO MATCH EXISTING) TO KEEP THE WORK TO REMAIN ACTIVE.
9. **THE CONTRACTOR SHOULD MAINTAIN THE INTEGRITY OF THE FIRE ALARM SYSTEM IN THE FACILITY AND IN THE CONSTRUCTION AREA AT ALL TIMES.**

'E' – DENOTES AN EXISTING DEVICE TO REMAIN.

LIGHTING DEMOLITION PLAN KEY NOTES:

1. EXISTING LIGHT FIXTURE SHALL BE REMOVED, ALONG WITH ASSOCIATED CONDUIT AND WIRING. SEE NEW WORK PLAN FOR MORE INFORMATION.
2. EXISTING SWITCHES SERVING EXISTING LIBRARY SHALL BE REMOVED. INCLUDE WITH REMOVAL THE DEMOLITION OF EXISTING CONTROL WIRING AND CONTROLS CONDUIT FEEDING LIGHT CIRCUITS BEING SERVED BY SWITCHES.
3. EXISTING SWITCH SERVING ROOM SHALL BE REMOVED. INCLUDE WITH REMOVAL THE DEMOLITION OF EXISTING CONTROL WIRING AND CONTROLS CONDUIT FEEDING LIGHT CIRCUITS BEING SERVED BY SWITCHES.
4. EXISTING LIGHTS SHALL REMAIN. PROTECT DURING CONSTRUCTION.
5. EXISTING FIXTURES SHALL REMAIN CONNECTED TO EXISTING CIRCUITRY. EXISTING CIRCUITRY SHALL BE MODIFIED TO ACCOMMODATE NEW LIGHTING LAYOUT IN ADJACENT ROOM. SEE LIGHTING NEW WORK PLAN SHEET E1.2 FOR MORE INFORMATION.

LIGHTING DEMOLITION PLAN - EXISTING LIBRARY

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

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: LIGHTING DEMOLITION PLAN - EXISTING LIBRARY

ALABAMA LICENSED 04/17/26 No. 34807 PROFESSIONAL ENGINEER ANTHOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26
REVISIONS	
#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: ED1.1

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
253 ST. ANTHONY STREET, MOBILE, ALABAMA 36603, PHONE: (251)690-7446

DEMOLITION PLAN NOTES:

1. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SECURING ALL DEVICES, FIXTURES, WIRES, CONDUIT, ETC. ABOVE THE CEILING PRIOR TO CEILING DEMOLITION. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED TO SUCH MATERIALS DURING THE CEILING DEMOLITION PHASE.
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5. TERMINATED CIRCUITS THAT ARE NOT USED ON THE NEW WORK PLANS SHALL BE LABELED WITH THE SERVING PANEL AND CIRCUIT NUMBER CLEARLY MARKED ON THE TERMINATING JUNCTION BOX.
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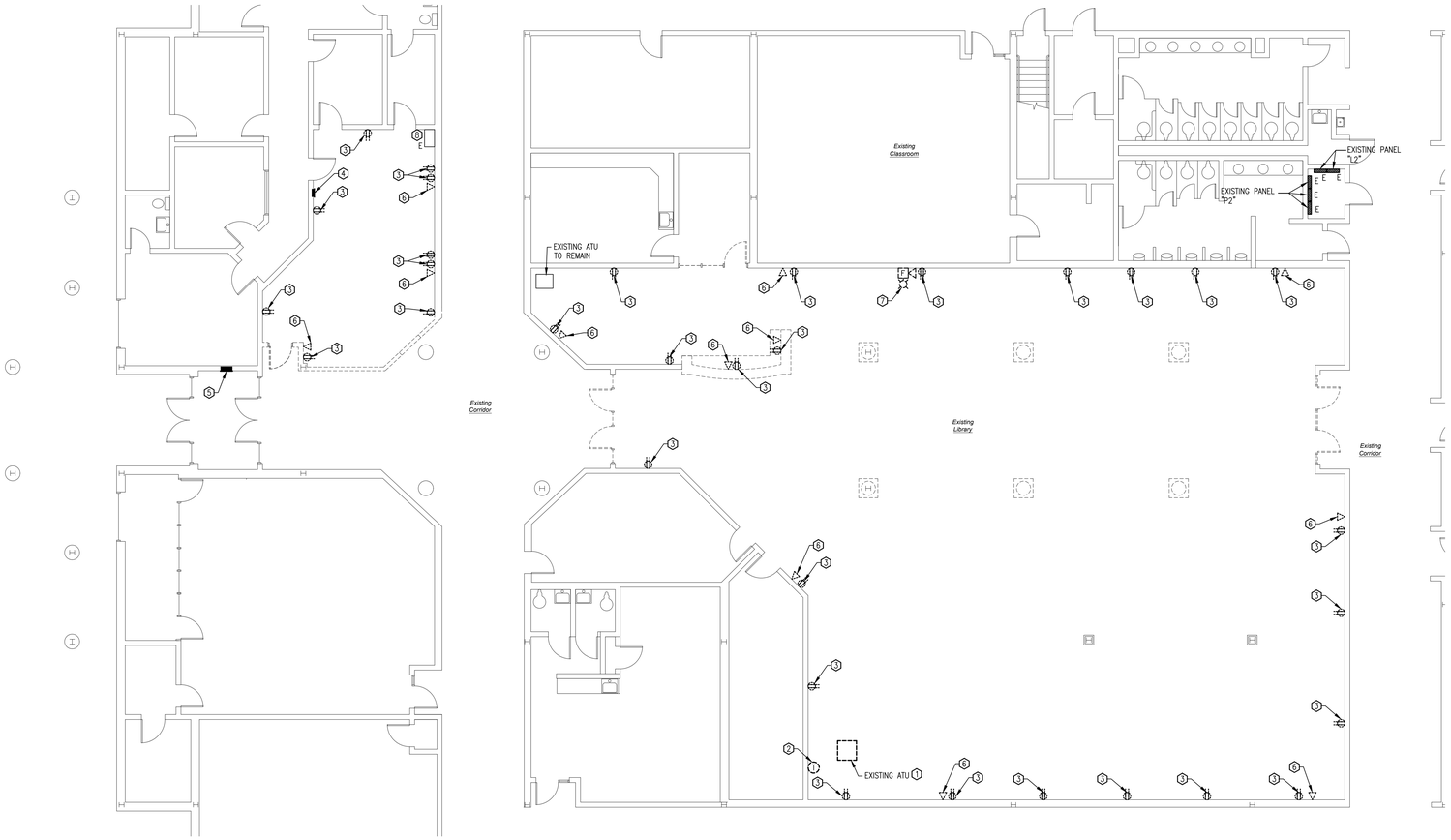
9. **THE CONTRACTOR SHOULD MAINTAIN THE INTEGRITY OF THE FIRE ALARM SYSTEM IN THE FACILITY AND IN THE CONSTRUCTION AREA AT ALL TIMES.**

'E' – DENOTES AN EXISTING DEVICE TO REMAIN.

ELECTRICAL DEMOLITION PLAN KEY NOTES:

1. EXISTING AIR TERMINAL UNIT SHALL BE REMOVED. EXISTING CIRCUIT SHALL BE DISCONNECTED AND PREPARED FOR EXTENSION TO NEW UNIT. SEE NEW WORK PLAN FOR MORE INFORMATION.
2. EXISTING TEMPERATURE CONTROLLER SHALL BE REMOVED FROM WALL AND RELOCATED PER SYSTEMS NEW WORK PLAN. COORDINATE NEW TEMPERATURE CONTROLLER LOCATION WITH MECHANICAL CONTRACTOR.
3. EXISTING RECEPTACLE SHALL BE REMOVED. INCLUDE WITH REMOVAL THE DEMOLITION OF ANY CONDUIT AND WIRING ASSOCIATED WITH DEVICE. FIELD VERIFY EXACT LOCATION.
4. EXISTING ANNUNCIATOR PANEL SHALL REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION. FIELD VERIFY EXACT LOCATION.
5. EXISTING FIRE ALARM CONTROL PANEL SHALL REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION. FIELD VERIFY EXACT LOCATION.
6. EXISTING DATA RECEPTACLE SHALL BE REMOVED. INCLUDE WITH REMOVAL THE DEMOLITION OF ANY CONDUIT AND WIRING ASSOCIATED WITH DEVICE. FIELD VERIFY EXACT LOCATION.
7. EXISTING FIRE ALARM NOTIFICATION DEVICE SHALL BE DEMOLISHED. EXISTING FIRE ALARM CIRCUITS SHALL REMAIN AND BE REUSED WITH NEW FIRE ALARM LAYOUT.
8. EXISTING I.T. RACK SHALL REMAIN. PROTECT DURING DEMOLITION.



ELECTRICAL DEMOLITION PLAN - EXISTING LIBRARY

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

LATHAN ▪ McKEE ARCHITECTS

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BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: ELECTRICAL DEMOLITION PLAN - EXISTING LIBRARY

ALABAMA LICENSED 04/17/26 No. 34607 PROFESSIONAL ENGINEER THOMAS VARGHESE

PROJ. MGR.:	A. VARGHESE
DRAWN:	C. PAGE
DATE:	03/25/26

REVISIONS

#1	04/17/26 DCM COMMENTS

JOB NO. 25-160B

SHEET NO: ED2.1

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET, PENSACOLA, FLORIDA 32502, PHONE: (850)434-2661
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