SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO

FAIRHOPE HIGH SCHOOL

FAIRHOPE, ALABAMA
BALDWIN COUNTY PUBLIC SCHOOLS

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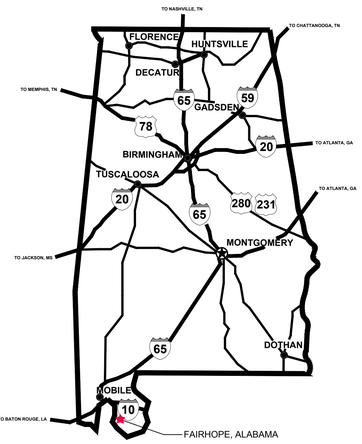
DCM PROJECT NO. 2026083



AREA MAP
STATE OF ALABAMA

VICINITY MAP
1 PIRATE DRIVE
FAIRHOPE, AL 36532

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LATHAN McKEE ARCHITECTS

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

SHEET TITLE: COVER SHEET AND INDEX TO DRAWINGS

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	

JOB NO. 25-160B

SHEET NO: G.01

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- - Users\kddarchitect\LATHAN-McKEE PROJECTS\Fairhope HS Addition\~~G0.1 Cover Sheet and Index (Lathan-McKee 30x42).dwg
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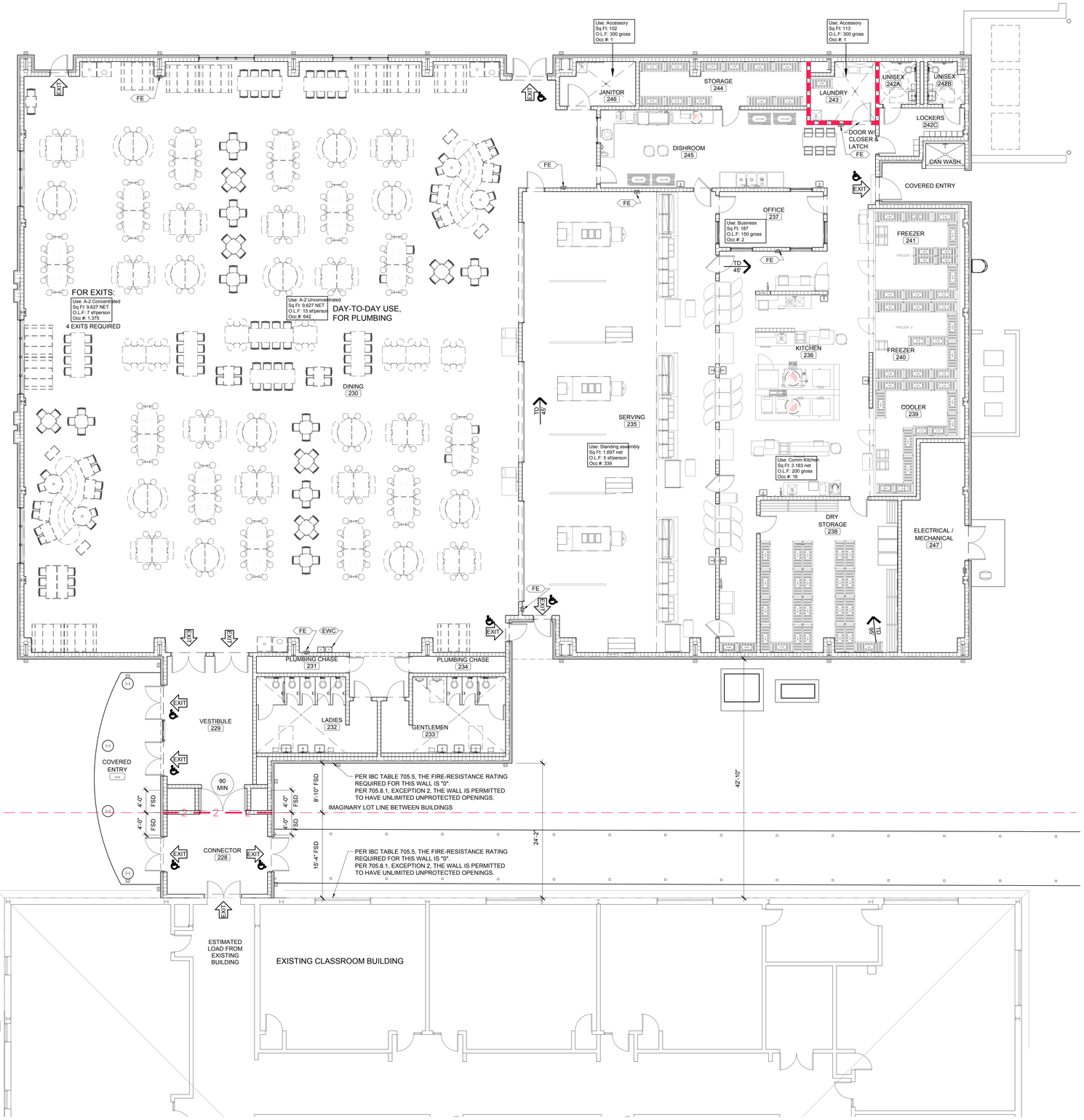
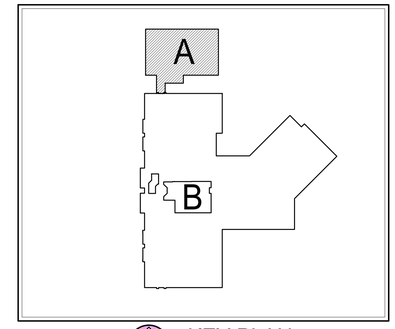


CODE PLAN - CAFETERIA/KITCHEN BUILDING
SCALE: 1/8" = 1'-0"



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/G1.2
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)

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"**

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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: 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	

JOB NO. 25-160B

SHEET NO: G1.1

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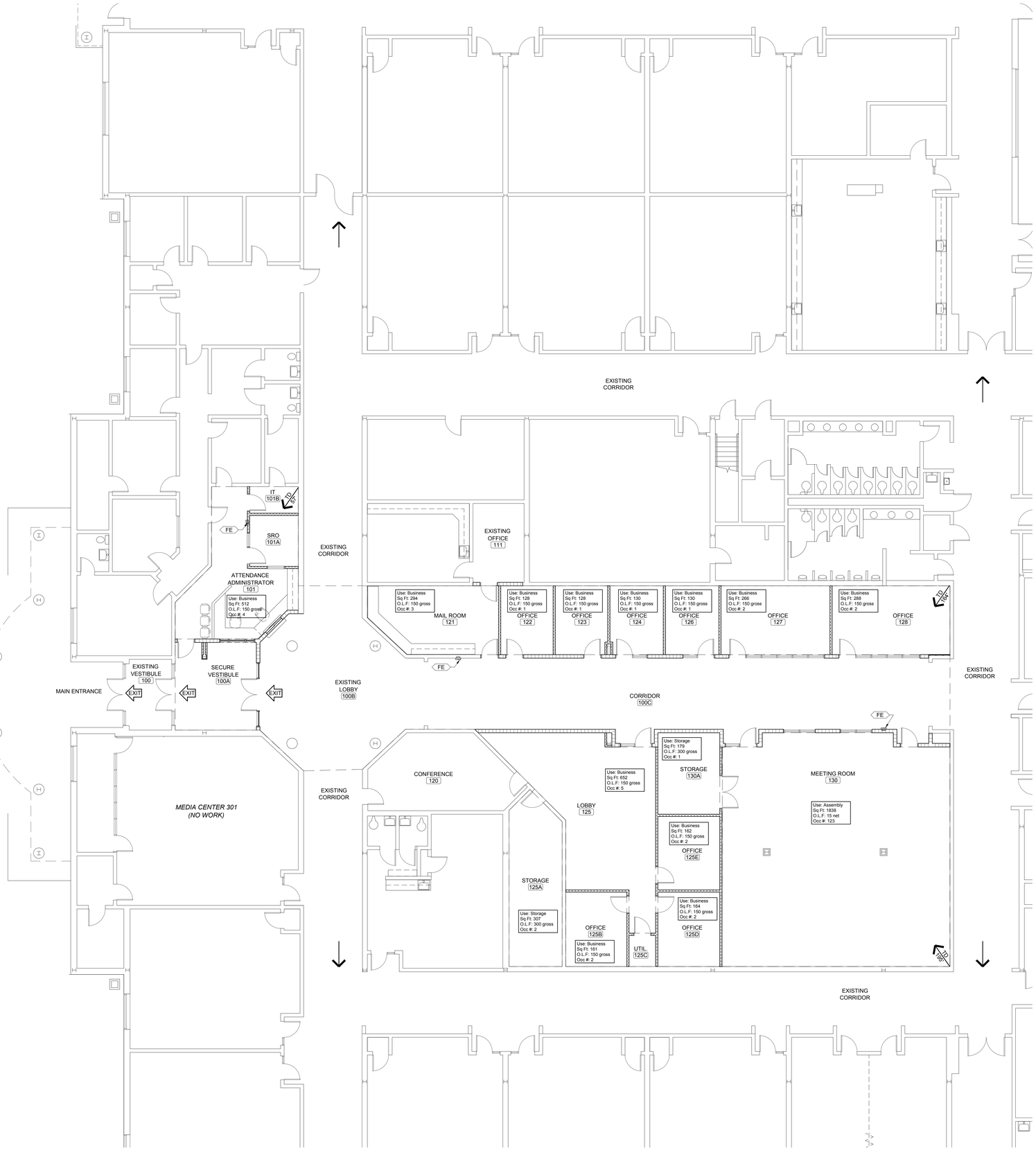
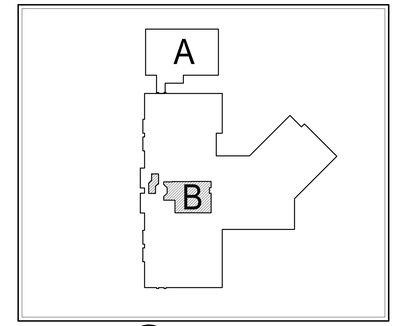


CODE PLAN 'B' - CLASSROOM BUILDING
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

CODE LEGEND

SYMBOL	DESCRIPTION
EXIT	PRIMARY EXIT
TD 50'	TRAVEL DISTANCE
FE	FIRE EXTINGUISHER LOCATION (SEE DETAIL THIS SHEET)
168 / 340	ACTUAL OCCUPANT LOAD SERVED / TOTAL EGRESS CAPACITY

CODE REVIEW

CODE: **2021 INTERNATIONAL BUILDING CODE**
THE ORIGINAL BUILDING WAS DESIGNED IN 1992.

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

SPRINKLERED (SECTION 903): **YES**

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

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

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): **NONE REQUIRED**

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

DEAD END CORRIDORS: 1020.5, EXCEPTION **#2**, SHALL NOT EXCEED 50 FEET IN EDUCATIONAL OCCUPANCIES WITH FIRE SPRINKLER SYSTEM.

TWO EXITS OR EXIT ACCESS DOORWAYS ARE REQUIRED FROM SPACES WITH 50 OR MORE OCCUPANTS (TABLE 1006.2.1).

MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE IS 75 FEET (TABLE 1006.2.1).

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

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 - CLASSROOM 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	

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- Tuesday, March 24, 2026 3:30:16 PM

UTILITY PLAN NOTES

1. THE CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER'S CONSTRUCTION SURVEILLANCE REPRESENTATIVE AND LOCAL JURISDICTIONAL INSPECTOR 48 HOURS BEFORE THE BEGINNING OF EACH PHASE OF CONSTRUCTION.

2. ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES, AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER/DEVELOPER.

3. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER OF ANY DISCREPANCIES OR ERRORS HE DISCOVERS IN THE PLAN.

4. DEVIATION FROM THESE PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER OR HIS REPRESENTATIVE OR THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE.

5. THE CONTRACTOR IS REQUIRED TO USE THE ONE-CALL CENTER TELEPHONE NUMBER FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES.

6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS ARE NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS, HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. CONTRACTOR TO CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE.

7. THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ALL UNDERGROUND UTILITIES AND APPURTENANCES TO MINIMIZE DISTURBING CURBING, PAVING AND COMPACTED SUB-GRADE.

8. UTILITY COORDINATION SHALL BE INCLUDED IN THE PROJECT SCHEDULE AND IT IS THE EXPLICIT RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE PROJECT SCHEDULE INCLUDES THE NECESSARY RELOCATION. THE CONTRACTOR SHOULD SEEK ASSISTANCE FROM ALL UTILITY COMPANIES TO LOCATE AND PROTECT THEIR FACILITIES.

9. THE CONTRACTORS SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE BY HIS EQUIPMENT TO EXISTING UTILITIES, CROSS-DRAIN PIPES AND HEADWALLS.

10. THE CONTRACTOR SHALL EXPLORE AHEAD 200 FEET SO ADJUSTMENTS CAN BE MADE IN THE ALIGNMENT OF THE PIPE IN CASE OF CONFLICTS WITH EXISTING STRUCTURES, UTILITIES AND PIPING.

11. ALL EXCESS MATERIAL FROM EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR. COST FOR THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING PIPE FROM FLOATING. IF PIPE FLOATS DURING CONSTRUCTION, THE CONTRACTOR SHALL RELAY PIPE TO GRADE AT HIS EXPENSE.

13. ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF ALABAMA TO RESET PROPERTY MARKERS. THE COST FOR THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

14. THE CONTRACTOR SHALL MEET OR EXCEED ALL REQUIREMENTS OF EACH UTILITY PROVIDER'S CONSTRUCTION SPECIFICATIONS FOR WATER, SEWER, GAS, & ELECTRICAL.

15. AFTER THE PROPOSED GRAVITY SEWER SYSTEM IS COMPLETED THE CONTRACTOR SHALL VIDEO THE SYSTEM & SUBMIT TO THE OWNER, ARCHITECT, & ENGINEER FOR REVIEW. THE CONTRACTOR SHALL PULL MANDREL TESTS ON ALL INSTALLED GRAVITY MAINS IN ADDITION TO ALL OTHER REQUIREMENT OF THE LOCAL UTILITY AUTHORITY.

16. THE CONTRACTOR SHALL PROVIDE AS-BUILT SHOTS OF ALL UTILITIES TO THE OWNER UPON COMPLETION.

GRADING AND DRAINAGE NOTES

1. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.

2. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER AND DETENTION FACILITIES ARE CONSTRUCTED.

3. ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.

4. ALL SLOPES SHALL BE STABILIZED AS SOON AS POSSIBLE.

5. COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 95% OF THEORETICAL MAXIMUM DRY DENSITY (ATM D698). BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED AT OR NEAR OPTIMUM MOISTURE. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

6. ALL FILL MATERIAL AND COMPACTION REQUIREMENTS SHALL MEET THE GEOTECHNICAL REPORT PREPARED BY GEOCON ENGINEERING & MATERIALS TESTING.

7. MAXIMUM SLOPE OF EMBANKMENT SHALL BE 3.0 FEET HORIZONTAL TO 1.0 FOOT VERTICAL, OR MATCH EXISTING.

8. PROPOSED CONTOUR INTERVALS ARE AS LABELED. ALL PROPOSED CONTOURS ARE FINISHED GRADES.

9. THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR RE-GRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.

10. EXCESS EARTH CUT MATERIAL, IF ANY, SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE APPROVED TO BE PLACED ON SITE BY THE OWNER.

11. ALL STORM DRAINAGE PIPE SHALL BE LAID ON SMOOTH CONTINUOUS GRADES WITH NO VISIBLE BENDS AT JOINTS.

12. ALL STORM DRAINAGE INLET STRUCTURES SHALL HAVE METAL FRAME AND COVER FOR ACCESS.

13. THE CONTRACTOR SHALL PROVIDE ANY EXCAVATION AND MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

14. SOILS TESTING AND ON-SITE INSPECTION SHALL BE PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. THE SOILS ENGINEER SHALL PROVIDE COPIES OF TEST REPORTS TO THE CONTRACTOR, THE OWNER AND THE OWNER'S REPRESENTATIVE AND SHALL PROMPTLY NOTIFY THE OWNER, HIS REPRESENTATIVE AND THE CONTRACTOR SHOULD WORK PERFORMED BY THE CONTRACTOR FAIL TO MEET THESE SPECIFICATIONS.

15. CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL FROM LIMITS OF ROADWAY CONSTRUCTION AS DIRECTED BY AN INDEPENDENT GEOTECHNICAL-TECHNICAL ENGINEER. UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE DIRECTED.

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL DRAINAGE SWALES MUST BE GRASSED AND RIP-RAP MUST BE PLACED AS SHOWN TO CONTROL EROSION.

2. SILT FENCE MUST MEET THE REQUIREMENTS OF LOCAL JURISDICTIONAL AGENCY, SAID REQUIREMENTS AS SHOWN BY THESE PLANS.

3. DISTURBED AREAS SHALL BE VEGETATED AFTER CONSTRUCTION. USE TEMPORARY SEASONAL SEEDING AND MULCHING ON GOING AS PER ALDOT STANDARD SPEC. SECTIONS 652 AND 656 RESPECTIVELY AND USE CENTIPEDE SOD FOR PERMANENT GRASSING AS PER ALDOT STANDARD SPEC. SECTION 654.

4. ADDITIONAL EROSION CONTROL MEASURES OR SILT BARRIERS TO BE PLACED AS SHOWN AND/OR DIRECTED BY THE PROJECT ENGINEER AND/OR LOCAL JURISDICTIONAL INSPECTOR.

5. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:

   A. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPOIL DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREA SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.

   B. THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE LOCAL JURISDICTIONAL INSPECTOR AND/OR PROFESSIONAL ENGINEER.

6. FOR ALL CONSTRUCTION ALONG AND/OR ACROSS WATERWAYS, BANK PROTECTION AND STABILIZATION SHALL BE REQUIRED AS PER LOCAL JURISDICTIONAL EROSION LAWS,

7. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING CONSTRUCTION AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED. CONSTRUCTION ENTRANCE PADS SHALL BE INSTALLED BY THE CONTRACTOR AT CONSTRUCTION ACCESS POINTS PRIOR TO LAND DISTURBANCE.

8. A COPY OF THE APPROVED LAND DISTURBANCE PLAN SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBING ACTIVITY IS IN PROGRESS.

9. CONSTRUCT SILT FENCE ALONG THE DOWNSTREAM SIDE OF ALL PROPOSED FILL CONSTRUCTION.

10. EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.

11. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY THE ENGINEER OR LOCAL JURISDICTIONAL INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

12. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS 1/3 OF THE HEIGHT OF THE SILT FENCE UTILIZED FOR EROSION CONTROL. IN THE DETENTION POND, SILT SHALL BE REMOVED WHEN A DEPTH OF 18" HAS ACCUMULATED AT THE WEIR.

13. ALL EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION IN ACCORDANCE WITH EASEMENT PLATS PRIOR ACCEPTANCE.

14. SILT BARRIERS TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.

15. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.

16. TREE PROTECTION AND EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

17. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER AND DETENTION FACILITIES ARE CONSTRUCTED.

18. ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.

19. ALL DISTURBED AREAS TO BE GRASSED AS SOON AS POSSIBLE WITH SEASONAL TEMPORARY SEEDING AND MULCHING AS PER ALDOT STANDARD SPEC. SECTIONS 652 AND 656.

20. ALL SLOPES SHALL BE STABILIZED AS SOON AS POSSIBLE.

21. GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH GRASS IN KIND. IN AREAS OF INDECIPHERABLE GRASSES USE CENTIPEDE SOD FOR PERMANENT GRASSING AS PER ALDOT STANDARD SPEC. SECTION 654.

22. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM REQUIRED MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL DEVICES TO ENSURE THEIR FUNCTION AT ALL TIMES.

23. IF HEAVY RAINFALL IS PREDICTED, CONTRACTOR SHALL INSPECT EROSION CONTROL ITEMS WITH ENGINEER PRIOR TO EVENT, IF AT ALL POSSIBLE. ANY IMPROVEMENTS, CLEANING, OR ADJUSTMENTS THAT ARE REQUIRED PRIOR TO EVENT SHALL BE GIVEN FULL URGENCY AS MUCH IS POSSIBLE.

SITE NOTES

1. ALL CONCRETE SHALL BE CLASS A, 4,000 PSI AT 28 DAYS COMPRESSIVE STRENGTH WITH A MAXIMUM SLUMP OF 4" UNLESS NOTED OTHERWISE. ALL EXPOSED CONCRETE TO HAVE A FINE BROOM FINISH.

2. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER OR TENANT.

3. ALL DIMENSIONS ARE EDGE OF PAVEMENT OR AS NOTED.

4. NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI, SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. THE PROJECT WILL REQUIRE ROAD CLOSURE/ TRAFFIC CONTROL SCHEME.

5. SPECIAL CARE SHALL BE GIVEN WHILE WORKING NEAR PRIVATE RESIDENCES. ANY DAMAGES TO OR ADJACENT TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.

6. IF ANY CONFLICTS EXIST BETWEEN APPLICABLE ACCESSIBILITY CODES, STANDARDS AND GUIDELINES THE CODES, STANDARDS, AND GUIDELINES PROVIDING THE GREATER DEGREE OF ACCESSIBILITY TAKE PRECEDENCE AS PER HUD MAP CHAPTER 5 GUIDELINES.

7. ALL ACCESSIBILITY CODES, STANDARDS AND GUIDELINES USED FOR THE PROJECT DESIGN MUST BE INCLUDED WITHIN THE CODE SUMMARY.

Sheet List Table

Sheet Number	Sheet Title
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C-2.0	EXIST CONDITIONS & DEMO PLAN 1
C-2.1	EXIST CONDITIONS & DEMO PLAN 2
C-3.0	PROJECT OVERVIEW
C-3.1	GEOMETRIC PLAN 1
C-3.2	GEOMETRIC PLAN 2
C-3.3	STRIPING & SIGNAGE PLAN 1
C-3.4	STRIPING & SIGNAGE PLAN 2
C-4.0	GRADING & DRAINAGE PLAN 1
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C-5.1	WATER DETAILS
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C-6.0	TYPICAL SECTION DETAILS
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C-7.1	EROSION CONTROL DETAILS

UTILITY PROVIDERS

POWER: RIVIERA UTILITIES
WATER: FAIRHOPE UTILITIES
SEWER: FAIRHOPE UTILITIES
GAS: FAIRHOPE UTILITIES

ON-SITE CONTACT: SAWGRASS CONSULTING LLC.

(251) 544-7900 (OFFICE)
(251) 544-7918 (FAX)

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: PROJECT NOTES

ALABAMA REGISTERED PROFESSIONAL ENGINEER 25 John H. Robertson

PROJ. MGR.: JHR
DRAWN: MJT
DATE: 03-25-2026
REVISIONS

JOB NO. 25-160B
SHEET NO: C-1.0

0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD NOTES-DETAILS.dwg
- Wednesday, March 25, 2026 4:33:38 PM

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- EX WATER–LINE
- EX WATER PUMP
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER–LINE
- EX SEWER MH
- EX SEWER VALVE
- EX SEWER CLEAN–OUT
- EX GRINDER PUMP
- EX GAS–LINE
- EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX FENCE
- EX SIGN
- EX WOOD–LINE
- EX POWER–LINE
- EX FIBER–LINE
- EX ELEC BOX
- EX E/V CHARGER
- EX TRANSFORMER
- EX BREAKER BOX
- EX HANDHOLE
- EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- DEMO AREA

DEMO NOTES:

1.) CONTRACTOR SHALL POTHOLE & FIELD VERIFY ALL EXISTING ONSITE UTILITY LOCATIONS AND SIZES TO DETERMINE POTENTIAL CONFLICTS PRIOR TO BEGINNING WORK.

2.) CONTRACTOR SHALL COORDINATE W/ ALL UTILITY PROVIDERS BEFORE BEGINNING WORK TO DETERMINE EXACT REMOVAL/RELOCATION EXTENTS AND ENSURE NO CONFLICTS. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND OWNER OF ANY REMOVALS/RELOCATIONS THAT DIFFER FROM THE PLANS AND PROVIDE AS-BUILT SHOTS OF EACH UTILITY'S LOCATION.

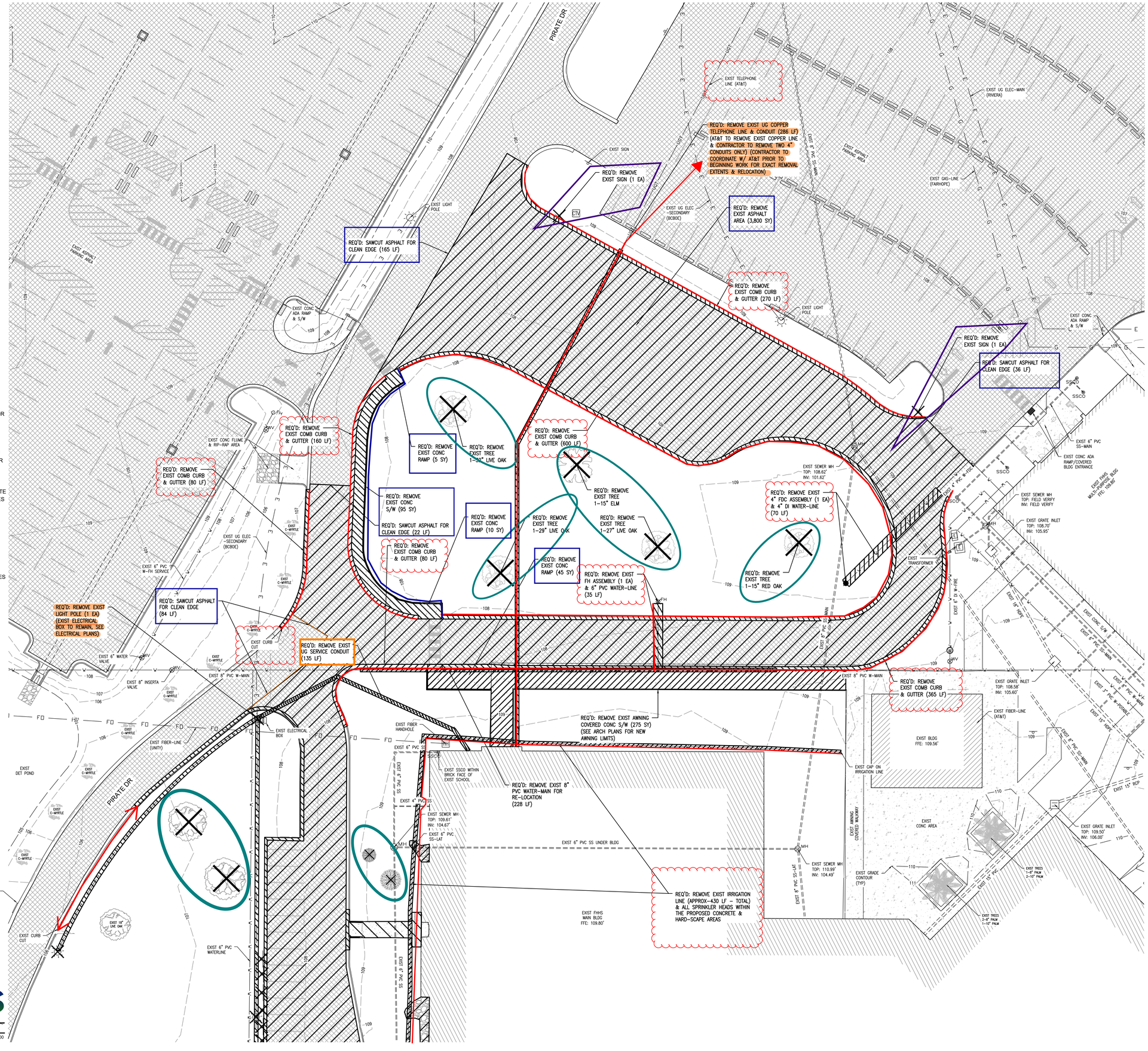
3.) CONTRACTOR SHALL LOCATE ALL EXISTING IRRIGATION SYSTEMS ON SITE BEFORE BEGINNING WORK & REMOVE/RELOCATE ALL IRRIGATION FACILITIES & PIPING THAT ARE WITHIN THE PROPOSED CONCRETE, HARD-SCAPE, OR PAVING AREAS.

4.) ALL EXISTING UTILITY HANDHOLES & BOXES SHALL BE ADJUSTED TO FINISHED GRADE, ANY HANDHOLES OR BOXES WITHIN THE ASPHALT OR CONCRETE AREAS SHALL BE TRAFFIC RATED AFTER ADJUSTMENT.

5.) CONTRACTOR SHALL NOT INHIBIT/TRAP SURFACE DRAINAGE.

6.) CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DRAINAGE STRUCTURES & PIPE INVERT ELEVATIONS, SIZES, AND LOCATIONS.

7.) ALL EXISTING SIGNS SHOWN TO BE REMOVED SHALL BE PLACED IN STORAGE BY THE CONTRACTOR FOR FUTURE USE.



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30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: EXISTING CONDITIONS & DEMO PLAN 1

ALABAMA LICENSED PROFESSIONAL ENGINEER 25355 REGISTERED John H. Robertson II

PROJ. MGR.: JHR
DRAWN: MJT
DATE: 03–25–2026
REVISIONS

JOB NO. 25-160B
SHEET NO: C-2.0

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- EX SEWER VALVE
- EX SEWER CLEAN–OUT
- EX GRINDER PUMP
- EX GAS–LINE
- EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX FENCE
- EX SIGN
- EX WOOD–LINE
- EX POWER–LINE
- EX FIBER–LINE
- EX ELEC BOX
- EX E/V CHARGER
- EX TRANSFORMER
- EX BREAKER BOX
- EX HANDHOLE
- EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- DEMO AREA

DEMO NOTES:

1.) CONTRACTOR SHALL POTHOLE & FIELD VERIFY ALL EXISTING ONSITE UTILITY LOCATIONS AND SIZES TO DETERMINE POTENTIAL CONFLICTS PRIOR TO BEGINNING WORK.

2.) CONTRACTOR SHALL COORDINATE W/ ALL UTILITY PROVIDERS BEFORE BEGINNING WORK TO DETERMINE EXACT REMOVAL/RELOCATION EXTENTS AND ENSURE NO CONFLICTS. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND OWNER OF ANY REMOVALS/RELOCATIONS THAT DIFFER FROM THE PLANS AND PROVIDE AS-BUILT SHOTS OF EACH UTILITY'S LOCATION.

3.) CONTRACTOR SHALL LOCATE ALL EXISTING IRRIGATION SYSTEMS ON SITE BEFORE BEGINNING WORK & REMOVE/RELOCATE ALL IRRIGATION FACILITIES & PIPING THAT ARE WITHIN THE PROPOSED CONCRETE, HARD-SCAPE, OR PAVING AREAS.

4.) ALL EXISTING UTILITY HANDHOLES & BOXES SHALL BE ADJUSTED TO FINISHED GRADE, ANY HANDHOLES OR BOXES WITHIN THE ASPHALT OR CONCRETE AREAS SHALL BE TRAFFIC RATED AFTER ADJUSTMENT.

5.) CONTRACTOR SHALL NOT INHIBIT/TRAP SURFACE DRAINAGE.

6.) CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DRAINAGE STRUCTURES & PIPE INVERT ELEVATIONS, SIZES, AND LOCATIONS.

7.) ALL EXISTING SIGNS SHOWN TO BE REMOVED SHALL BE PLACED IN STORAGE BY THE CONTRACTOR FOR FUTURE USE.

REQ'D: REMOVE EXIST COMB CURB & GUTTER (390 LF)
REQ'D: REMOVE EXIST UG SERVICE CONDUIT (169 LF)
REQ'D: REMOVE EXIST LIGHT POLE (1 EA)
REQ'D: REMOVE EXIST TREE 1–22" LIVE OAK
REQ'D: REMOVE EXIST TREE 1–24" WATER OAK
REQ'D: REMOVE EXIST UG SERVICE CONDUIT (162 LF)
REQ'D: REMOVE EXIST LIGHT POLE (1 EA)
REQ'D: REMOVE EXIST PARKING SIGNS (9 EA) (CONTRACTOR TO PLACE INTO STORAGE FOR FUTURE USE)
REQ'D: REMOVE EXIST TREE 2–C–MYRTLE
REQ'D: REMOVE EXIST UG SERVICE CONDUIT (163 LF)
REQ'D: REMOVE EXIST CONC S/W (15 SY) & EXIST FLAGPOLES/BASES (2 EA)
REQ'D: REMOVAL OF EXIST BRICK/CONC ENTRANCE WALK AREA (265 SY) & RELOCATE EXIST MASCOT STATUE (1 EA)
REQ'D: REMOVE EXIST TREE 2–C–MYRTLE
REQ'D: REMOVE EXIST PARKING SIGNS (8 EA) (CONTRACTOR TO PLACE INTO STORAGE FOR FUTURE USE)
REQ'D: REMOVE EXIST LIGHT POLE (1 EA)
REQ'D: REMOVE EXIST WOOD DECK (BY OWNER)
REQ'D: REMOVE EXIST TREE 1–24" WATER OAK
REQ'D: REMOVE EXIST TREE 1–24" WATER OAK
REQ'D: REMOVE EXIST LIGHT POLE (1 EA)
REQ'D: REMOVE EXIST TREE 1–24" LIVE OAK
REQ'D: REMOVE EXIST UG SERVICE CONDUIT (160 LF)
REQ'D: REMOVE EXIST UG SERVICE CONDUIT (150 LF)
REQ'D: REMOVE EXIST COMB CURB & GUTTER (390 LF)
REQ'D: REMOVE EXIST LIGHT POLE (1 EA)
REQ'D: SAWCUT ASPHALT REMOVAL AREA FOR CLEAN EDGE (60 LF)
REQ'D: REMOVE EXIST RIP–RAP (9 SY)
REQ'D: REMOVE EXIST TREES 1–8" CEDAR 1–12" CEDAR
REQ'D: REMOVE EXIST IRRIGATION LINE (APPROX–430 LF – TOTAL) & ALL SPRINKLER HEADS WITHIN THE PROPOSED CONCRETE & HARD–SCAPE AREAS
REQ'D: REMOVE EXIST COMB CURB & GUTTER (20 LF) & CONC S/W (45 SY)
REQ'D: REMOVE EXIST RIP–RAP (42 SY)
REQ'D: REMOVE EXIST ENTRYWAY (INCLUDING ALL CONCRETE & TILE) (163 SY) (EXIST COLUMNS TO REMAIN)
REQ'D: REMOVE EXIST CURB & GUTTER (102 LF)
REQ'D: REMOVE EXIST RIP–RAP (40 SY)
REQ'D: REMOVE EXIST ASPHALT AREA (2,350 SY)
REQ'D: REMOVE EXIST TREES 2–10" CEDAR
REQ'D: REMOVE EXIST COMB CURB & GUTTER (20 LF) & CONC S/W (45 SY)
REQ'D: REMOVE EXIST TREES 1–4" CEDAR 1–10" CEDAR
REQ'D: REMOVE EXIST RIP–RAP (55 SY)

PIRATE DR
MAIN ENTRANCE /EXIT TURNOUT
EXIST DET POND
EXIST CURB CUT
EXIST SIGNS
EXIST FIBER–LINE (UNDRGD)
EXIST ELECTRICAL BOX
EXIST 6" PVC SS
EXIST FIBER HANDHOLE
EXIST SSCO WITHIN BRICK FACE OF EXIST SCHOOL
EXIST 4" PVC SS
EXIST SEWER MH TOP: 109.61' INV: 104.67'
EXIST 6" PVC SS–LAT
EXIST 6" PVC SS UNDER BLDG
EXIST 8" PVC SS–MAIN
EXIST SEWER MH TOP: 110.99' INV: 104.49'
EXIST GRADE CONTOUR (TYP)
EXIST 6" PVC WATERLINE
EXIST SEWER MH TOP: 109.27' INV: FULL (4' DEPTH OR GREATER)
EXIST FH & VALVE VOX
EXIST BLDG CONNECTOR DOOR
EXIST CONC STAIRS, ADA RAMP & BLDG ENTRANCE
EXIST FHHS MAIN BLDG FFE: 109.80'
EXIST 18" LIVE OAK
EXIST 26" LIVE OAK
EXIST 24" LIVE OAK
EXIST C–MYRTLE

N

GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: EXIST CONDITIONS & DEMO PLAN 2

ALABAMA REGISTERED PROFESSIONAL ENGINEER John H. Robertson III

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03–25–2026
REVISIONS	

JOB NO. 25-160B
SHEET NO: C-2.1

0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD EXIST-DEMO.dwg
- Wednesday, March 25, 2026 4:33:53 PM

LEGEND

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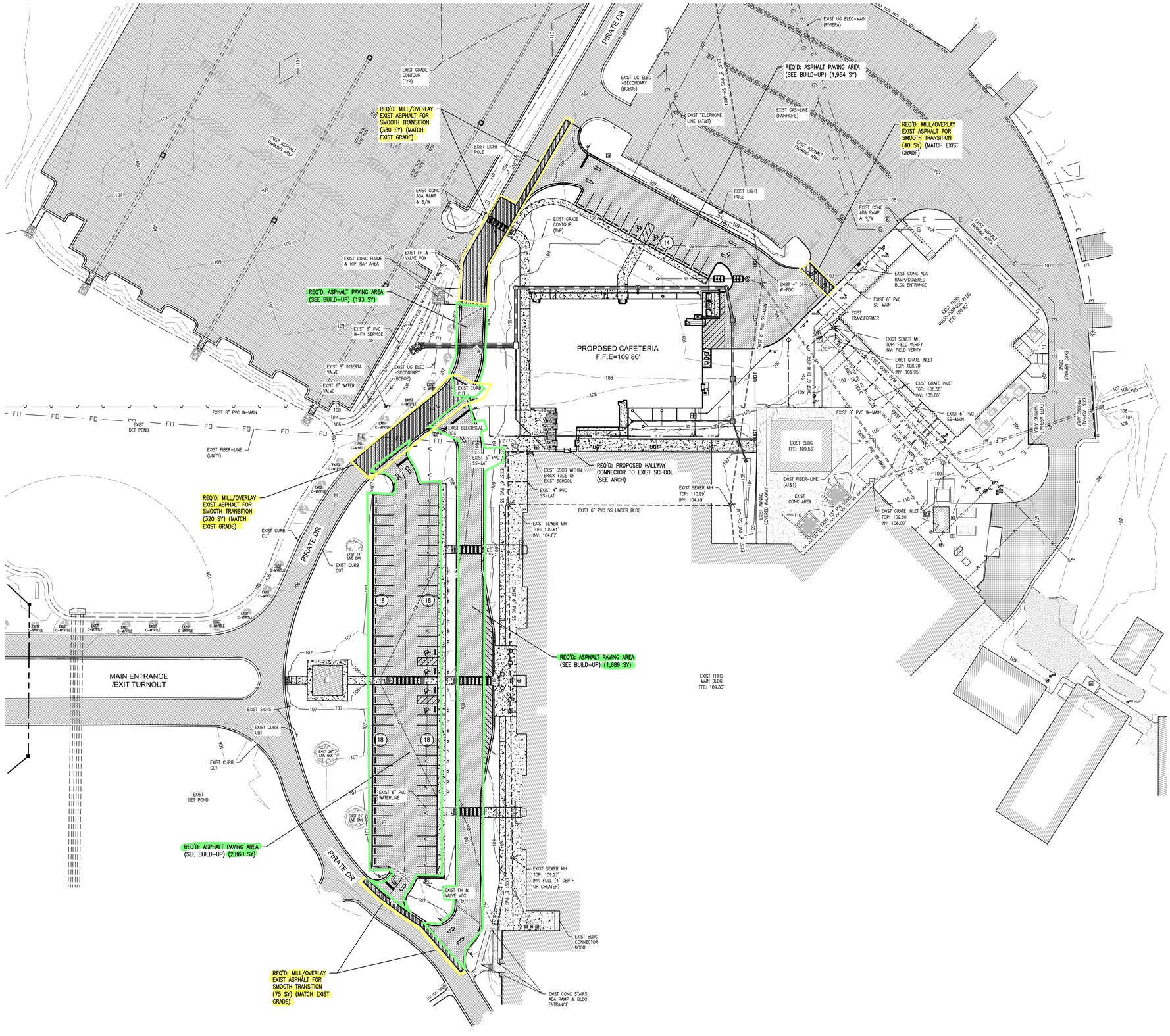
- EX WATER–LINE
- EX WATER PUMP
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER–LINE
- EX SEWER MH
- EX SEWER VALVE
- EX SEWER CLEAN–OUT
- EX GRINDER PUMP
- EX GAS–LINE
- EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX FENCE
- EX SIGN
- EX WOOD–LINE
- EX POWER–LINE
- EX FIBER–LINE
- EX ELEC BOX
- EX E/V CHARGER
- EX TRANSFORMER
- EX BREAKER BOX
- EX HANDHOLE
- EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
- PR DRAINAGE INLET
- PR STORM PIPE
- PR WATER LINE
- PR SEWER LINE

SITE NOTES:

1.) CONTRACTOR SHALL REPLACE ALL EXISTING CURBS & GUTTERS THAT ARE CRACKED OR DAMAGED DURING CONSTRUCTION

2.) CONTRACTOR SHALL NOT INHIBIT/TRAP SURFACE DRAINAGE



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GRAPHIC SCALE

0 20 40 80

1 inch = 40 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: PROJECT OVERVIEW

ALABAMA REGISTERED PROFESSIONAL ENGINEER 25252 James H. Robertson

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03–25–2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: C-3.0

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- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD OV-GEO-UTIL.dwg
- Wednesday, March 25, 2026 4:34:05 PM

LEGEND

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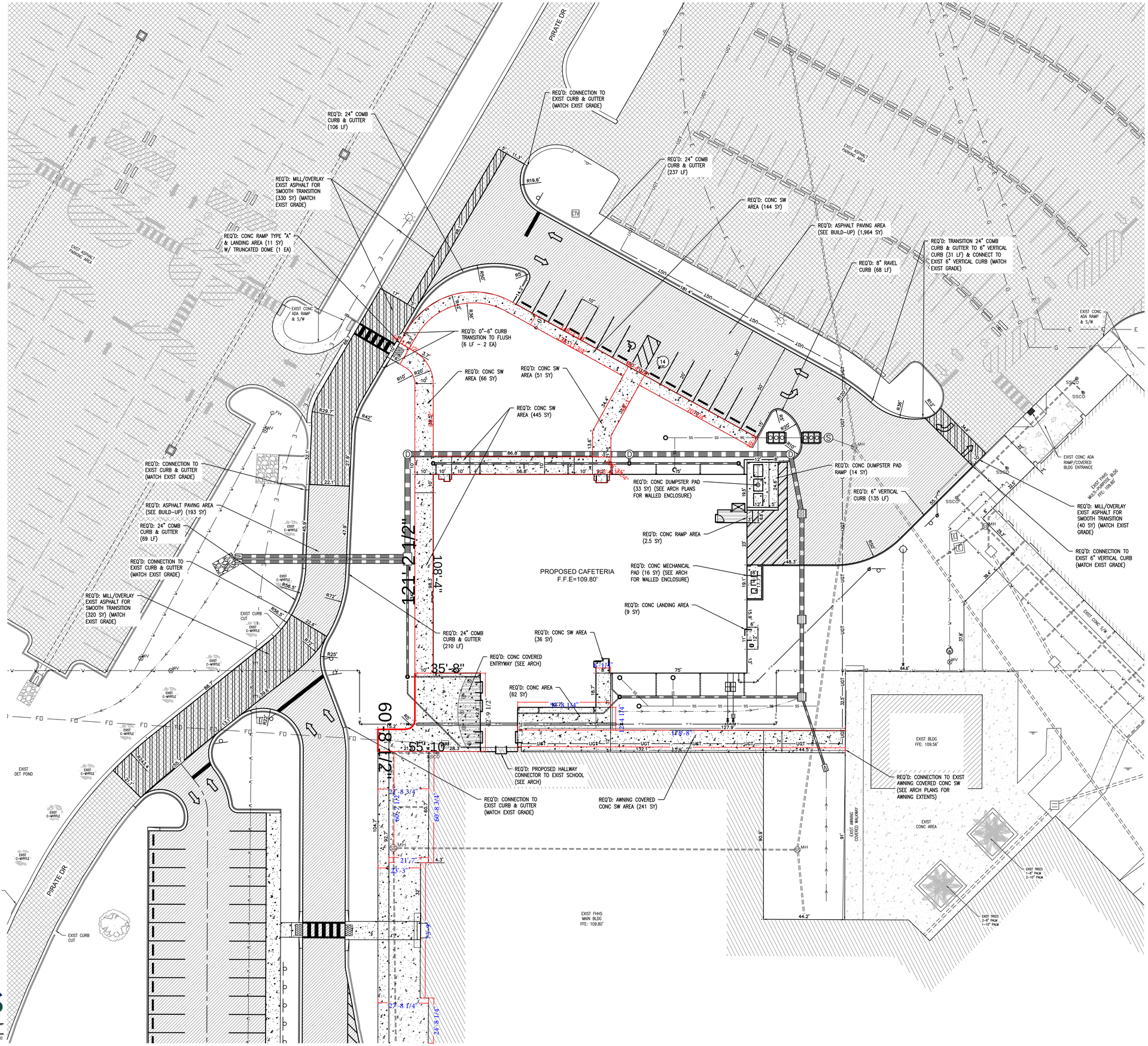
- W — EX WATER–LINE
- WP — EX WATER PUMP
- WV — EX WATER VALVE
- FH — EX FIRE HYDRANT
- WM — EX WATER METER
- SS — EX SEWER–LINE
- MH — EX SEWER MH
- SSV — EX SEWER VALVE
- SSCO — EX SEWER CLEAN–OUT
- EX GRINDER PUMP
- GAS — EX GAS–LINE
- GV — EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- O — EX FENCE
- EX SIGN
- EX WOOD–LINE
- E — EX POWER–LINE
- FO — EX FIBER–LINE
- EX ELEC BOX
- EV — EX E/V CHARGER
- TR — EX TRANSFORMER
- EX BREAKER BOX
- HH — EX HANDHOLE
- AC — EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
- PR DRAINAGE INLET
- PR STORM PIPE
- W — W — PR WATER LINE
- S — S — PR SEWER LINE



GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: GEOMETRIC PLAN 1

ALABAMA LICENSED PROFESSIONAL ENGINEER 03 25 26 John R. Robertson II

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03–25–2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: C-3.1

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- EX SEWER VALVE
- EX SEWER CLEAN–OUT
- EX GRINDER PUMP
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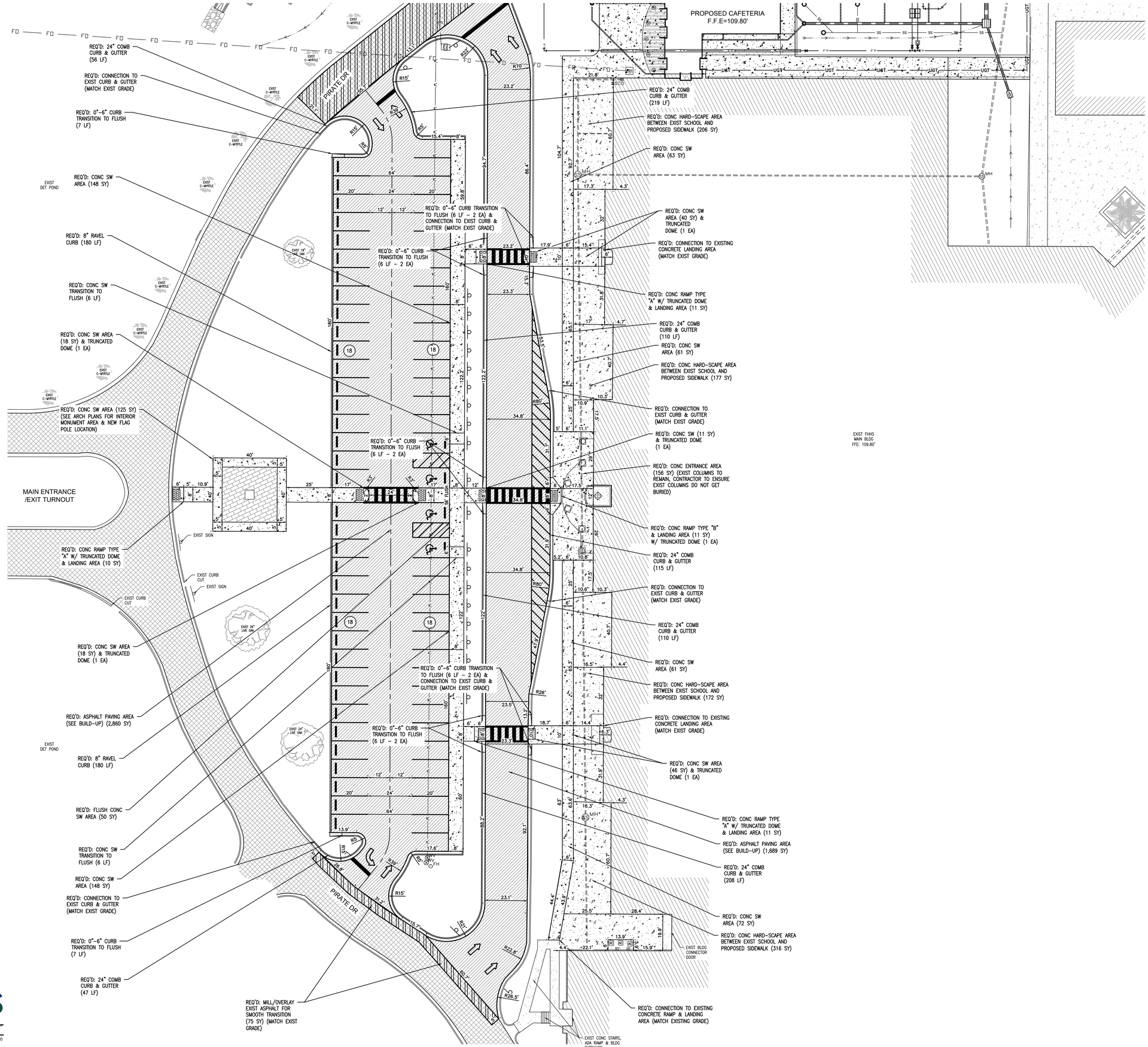
- EX E/V CHARGER
- EX TRANSFORMER
- EX BREAKER BOX
- EX HANDHOLE
- EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
- PR DRAINAGE INLET
- PR STORM PIPE
- PR WATER LINE
- PR SEWER LINE



N

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

Sawgrass

ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT

30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD OV-GEO-UTIL.dwg
- Wednesday, March 25, 2026 4:34:18 PM

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: GEOMETRIC PLAN 2

ALABAMA PROFESSIONAL ENGINEER 25351 John H. Robertson II

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03–25–2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: C-3.2

0 1" 2"

LEGEND

- ROW–PROP LINE
- W — EX WATER–LINE
- WP — EX WATER PUMP
- WV — EX WATER VALVE
- FH — EX FIRE HYDRANT
- WM — EX WATER METER
- SS — EX SEWER–LINE
- MH — EX SEWER MH
- SSV — EX SEWER VALVE
- SSCO — EX SEWER CLEAN–OUT
- EX GRINDER PUMP
- GAS — EX GAS–LINE
- GV — EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- O — EX FENCE
- EX SIGN
- EX WOOD–LINE
- E — EX POWER–LINE
- FO — EX FIBER–LINE
- E — EX ELEC BOX
- EV — EX E/V CHARGER
- TR — EX TRANSFORMER
- EB — EX BREAKER BOX
- HH — EX HANDHOLE
- AC — EX AC UNIT
- ES — EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
- PR DRAINAGE INLET
- PR STORM PIPE
- W — W — PR WATER LINE
- S — S — PR SEWER LINE

PIRATE DR

REQ'D: STOP SIGN (TYP) (1 EA.)

REQ'D: 24" WHITE STOP BAR (TYP) (15 LF)

REQ'D: SOLID WHITE TRAFFIC CONTROL MARKINGS (TYP) (ARROW)

REQ'D: 5" WHITE SOLID STRIPING (PARKING STRIPE) (TYP) (100 LF)

REQ'D: CONC PARKING BUMPERS (14 EA)

REQ'D: 5" BLUE SOLID STRIPING (TYP) (H/C PARKING SPACE) (2 EA)

REQ'D: 5" BLUE SOLID STRIPING (TYP) (H/C LOADING ZONE) (87 LF)

REQ'D: 5" WHITE SOLID STRIPING (PARKING STRIPE) (TYP) (100 LF)

REQ'D: SOLID WHITE TRAFFIC CONTROL MARKINGS (TYP) (ARROW)

REQ'D: SOLID WHITE TRAFFIC CONTROL MARKINGS (TYP) (TURN ARROW)

REQ'D: SOLID WHITE TRAFFIC CONTROL MARKINGS (TYP) (TURN ARROW)

REQ'D: SOLID WHITE TRAFFIC CONTROL MARKINGS (TYP) (ARROW)

REQ'D: PEDESTRIAN CROSSWALK (WHITE) (TYP) (124 SF)

EXIST ASPHALT PARKING AREA

EXIST CONC ADA RAMP & S/W

REQ'D: 20 LF OF 5" WHITE STRIPING (PARKING) & 20 LF OF 5" BLUE STRIPING (H/C)

REQ'D: 20 LF OF 5" WHITE STRIPING (PARKING) & 20 LF OF 5" BLUE STRIPING (H/C)

EXIST CONC ADA RAMP/COVERED BLDG ENTRANCE

EXIST TWO MULTI-PURPOSE BLDG FFE: 109.80'

REQ'D: "DO NOT ENTER" SIGN (TYP) (1 EA)

REQ'D: STOP SIGN (TYP) (1 EA)

REQ'D: 24" WHITE STOP BAR (TYP) (32 LF)

REQ'D: "DO NOT ENTER" SIGN (TYP) (1 EA)

PROPOSED CAFETERIA
F.F.E=109.80'

REQ'D: 5" YELLOW SOLID STRIPING (LOADING ZONE) (TYP) (260 LF)

REQ'D: RELOCATE EXIST FDC SIGN (1 EA)

EXIST CONC S/W

REQ'D: FDC SIGN (1 EA – INSTALLED BY OWNER)

EXIST BLDG FFE: 109.56'

EXIST CONC AREA

EXIST AWNING COVERED WALKWAY

EXIST TREES 1–8" PALM 2–10" PALM

EXIST TREES 3–8" PALM 1–10" PALM

REQ'D: SOLID WHITE TRAFFIC CONTROL MARKINGS (TYP) (ARROW)

EXIST DET POND

EXIST MAIN BLDG FFE: 109.80'

N

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE:
STRIPING & SIGNAGE PLAN 1

ALABAMA LICENSED PROFESSIONAL ENGINEER 25352 Jason H. Robertson

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03–25–2026
REVISIONS	

JOB NO. 25-160B

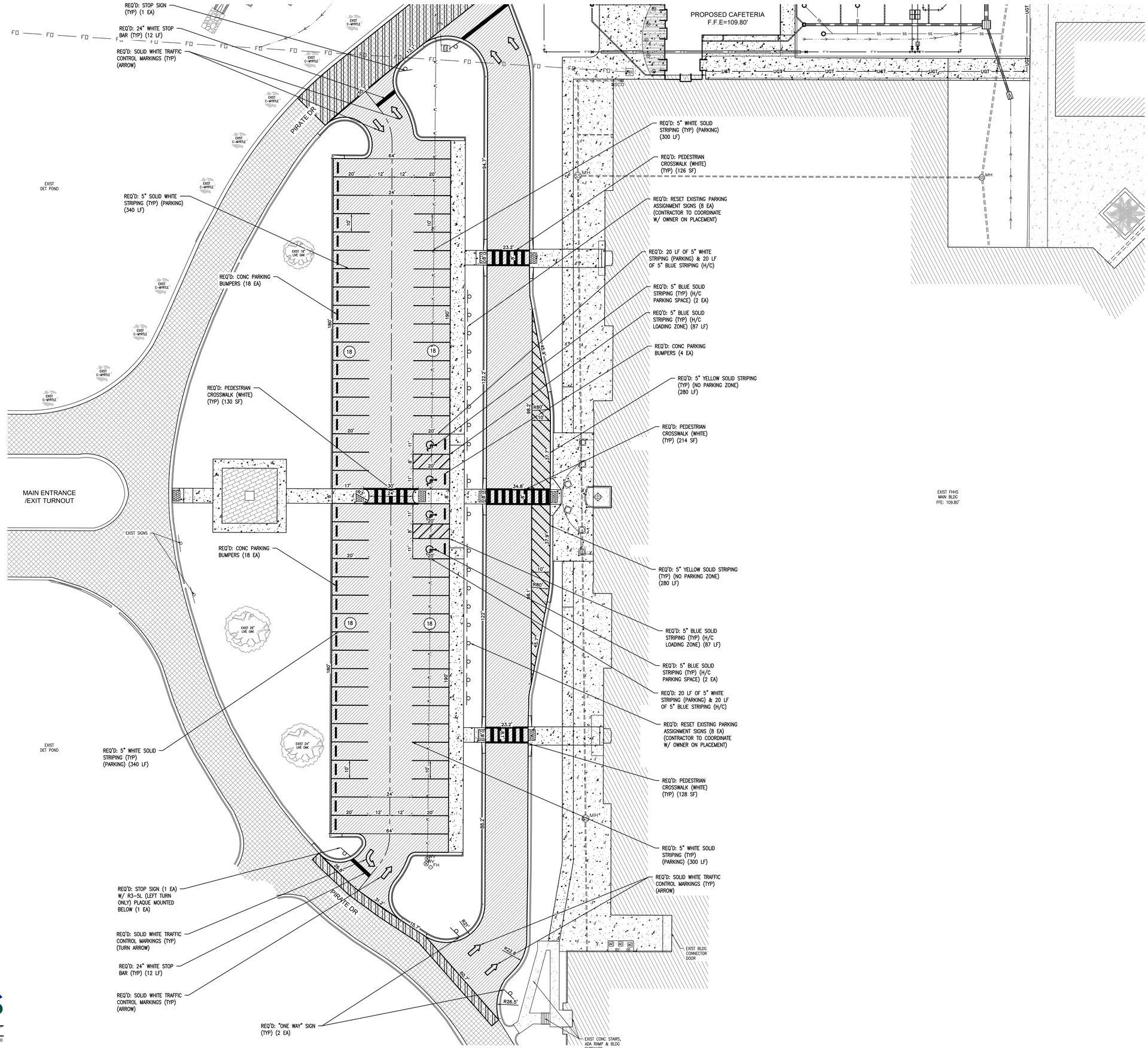
SHEET NO: C-3.3

0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Latham-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD OV-GEO-UTIL.dwg
- Wednesday, March 25, 2026 4:34:23 PM

LEGEND

- ROW-PROP LINE
- EX WATER-LINE
- EX WATER PUMP
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER-LINE
- EX SEWER MH
- EX SEWER VALVE
- EX SEWER CLEAN-OUT
- EX GRINDER PUMP
- EX GAS-LINE
- EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX FENCE
- EX SIGN
- EX WOOD-LINE
- EX POWER-LINE
- EX FIBER-LINE
- EX ELEC BOX
- EX E/V CHARGER
- EX TRANSFORMER
- EX BREAKER BOX
- EX HANDHOLE
- EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
- PR DRAINAGE INLET
- PR STORM PIPE
- PR WATER LINE
- PR SEWER LINE



N

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD OV-GEO-UTIL.dwg
- Wednesday, March 25, 2026 4:34:28 PM

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: STRIPING & SIGNAGE PLAN 2

ALABAMA REGISTERED PROFESSIONAL ENGINEER 25352 John H. Robertson II

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03-25-2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: C-3.4

0 1" 2"

LEGEND

- ROW-PROP LINE
- EX WATER-LINE
- EX WATER PUMP
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER-LINE
- EX SEWER MH
- EX SEWER VALVE
- EX SEWER CLEAN-OUT
- EX GRINDER PUMP
- EX GAS-LINE
- EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
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- EX HANDHOLE
- EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
- PR DRAINAGE INLET
- PR STORM PIPE
- PR WATER LINE
- PR SEWER LINE
- EX GRADE ELEV
- PR GRADE ELEV

PIPE SCHEDULE					
PIPE NAME	SIZE	SLOPE	LENGTH	INV. IN	INV. OUT
CP1	10 inch Corrugated HDPE Pipe	0.50%	2 L.F.	106.11	106.09
CP2	10 inch Corrugated HDPE Pipe	0.75%	103 L.F.	106.91	106.11
CP3	10 inch Corrugated HDPE Pipe	1.00%	56 L.F.	106.71	106.11
CP4	12 inch Corrugated HDPE Pipe	0.30%	96 L.F.	107.05	106.75
CP5	10 inch Corrugated HDPE Pipe	1.00%	60 L.F.	106.19	105.55
P1	18 x 11 inch Concrete Horizontal Elliptical Arch Pipe	0.20%	93 L.F.	105.55	105.37
P2	18 x 11 inch Concrete Horizontal Elliptical Arch Pipe	0.20%	91 L.F.	105.55	105.37
P3	29 x 18 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	53 L.F.	105.72	105.55
P4	29 x 18 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	117 L.F.	106.09	105.72
P5	29 x 18 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	84 L.F.	106.35	106.09
P6	22 x 14 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	29 L.F.	106.45	106.35
P7	22 x 14 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	54 L.F.	106.62	106.45
P8	18 x 11 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	39 L.F.	106.75	106.62
P9	10 inch Corrugated HDPE Pipe	1.00%	39 L.F.	107.18	106.75

HEADWALL SCHEDULE	
NAME	INVERT
HW1	105.37 (P1)
HW2	105.37 (P2)
HW3	107.18 (P9)

GRATE INLET SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
GI1	108.99	106.45 (P7)	106.45 (P6)
GI2	108.99	106.62 (P8)	106.62 (P7)
GI3	108.92	106.75 (CP4) 106.75 (P9)	106.75 (P8)

JUNCTION BOX SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
JB1	109.30	105.55 (CP5) 105.55 (P3)	105.55 (P1) 105.55 (P2)
JB2	109.39	105.72 (P4)	105.72 (P3)
JB3	109.45	106.09 (P5) 106.09 (CP1)	106.09 (P4)
JB4	109.33	106.35 (P6)	106.35 (P5)

CLEANOUT SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
CO1	109.49	106.11 (CP2) 106.11 (CP3)	106.11 (CP1)
CO2	109.74		106.91 (CP2)
CO3	109.55		106.71 (CP3)
CO4	109.40		107.05 (CP4)
CO5	109.30		106.19 (CP5)

REQ'D: 3' GRASSED SHOULDER @ 4% (70 LF)

REQ'D: CL-II RIP-RAP (18" THICK) (12 SY)

REQ'D: RE-GRADE EXIST DRAINAGE SWALE (4' BOTTOM) (173 LF @ 0.3%)

REQ'D: CONC RAMP TYPE "A" & LANDING AREA (11 SY)

REQ'D: JUNCTION BOX (JB1) SHALL BE A 8'X4' BOX MIN.

PROPOSED CAFETERIA
F.F.E.=109.80'

REQ'D: PROPOSED HALLWAY CONNECTOR TO EXIST SCHOOL (SEE ARCH)

REQ'D: RAISE EXIST FIBER HANDHOLE TO BE FLUSH W/ FINISHED CONCRETE (FIELD VERIFY LINE LOCATION)

REQ'D: EARTHEN DRAINAGE SWALE (1' BOTTOM) (100 LF @ 0.4%)

REQ'D: EARTHEN DRAINAGE SWALE (1' BOTTOM) (71 LF @ 1.5%)

REQ'D: RAISE LID OF EXIST SSMH TO EL: 109.26' TO BE FLUSH W/ PROPOSED CONC HARD-SCAPE

REQ'D: RAISE LID OF EXIST SSMH TO EL: 109.14' TO BE FLUSH W/ PROPOSED ASPHALT

EXIST FHHS MAIN BLDG FFE: 109.80'

EXIST BLDG FFE: 109.56'

EXIST CONC AREA

EXIST GRADE CONTOUR (TYP)

EXIST CONC ADA RAMP/COVERED BLDG ENTRANCE

EXIST FHHS MULTI-PURPOSE BLDG FFE: 109.80'

EXIST GRATE INLET TOP: 108.70' INV: 105.95'

EXIST GRATE INLET TOP: 108.58' INV: 105.60'

EXIST GRATE INLET TOP: 109.50' INV: 106.00'

EXIST TREES 1-6" PALM 2-10" PALM

EXIST TREES 2-8" PALM 1-10" PALM

EXIST DET POND

EXIST CURB CUT

EXIST ASPHALT PARKING AREA

EXIST CONC ADA RAMP & S/W

EXIST CONC FLUME & RIP-RAP AREA

EXIST 8" PVC SS MAIN

EXIST 6" WM

EXIST 15" RCP

EXIST CURB DRAIN

EXIST 15" WM

EXIST 15" RCP

EXIST WINNING COVERED WALKWAY

PIRATE DR

N

GRAPHIC SCALE
0 10 20 40
1 inch = 20 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: GRADING & DRAINAGE PLAN 1

ALABAMA LICENSED PROFESSIONAL ENGINEER 23 35 Kevin H. Robertson II

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03-25-2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: C-4.0

0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD GRAD-DRAIN-EC.dwg
- Wednesday, March 25, 2026 4:34:42 PM

LEGEND

- ROW–PROP LINE
- EX WATER–LINE
- EX WATER PUMP
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER–LINE
- EX SEWER MH
- EX SEWER VALVE
- EX SEWER CLEAN–OUT
- EX GRINDER PUMP
- EX GAS–LINE
- EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX FENCE
- EX SIGN
- EX WOOD–LINE
- EX POWER–LINE
- EX FIBER–LINE
- EX ELEC BOX
- EX E/V CHARGER
- EX TRANSFORMER
- EX BREAKER BOX
- EX HANDHOLE
- EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
- PR DRAINAGE INLET
- PR STORM PIPE
- PR WATER LINE
- PR SEWER LINE
- EX GRADE ELEV
- PR GRADE ELEV

PIRATE DR

EXIST DET POND

EXIST CURB CUT

EXIST 18" LIVE OAK

EXIST 24" LIVE OAK

EXIST BLDG FFE: 109.56'

EXIST GRADE CONTOUR (TYP)

EXIST FHHS MAIN BLDG FFE: 109.80'

REQ'D: 3' GRASSED SHOULDER @ 4% (164 LF)

REQ'D: SEE ARCH PLANS FOR INTERIOR MONUMENT AREA

REQ'D: CONC RAMP TYPE "A" W/ TRUNCATED DOME & LANDING AREA (10 SY)

REQ'D: CONC RAMP TYPE "A" W/ TRUNCATED DOME & LANDING AREA (11 SY)

REQ'D: CONC SW TRANSITION TO FLUSH (6 LF)

REQ'D: CONC RAMP TYPE "B" & LANDING AREA (11 SY)

REQ'D: RAISE LID OF EXIST SSMH TO EL: 109.25' TO BE FLUSH W/ PROPOSED CONC HARD–SCAPE

MAIN ENTRANCE /EXIT TURNOUT

EXIST CONC STAIRS, ADA RAMP & BLDG ENTRANCE

EXIST BLDG CONNECTOR DOOR

N

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

Sawgrass

ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT

30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: GRADING & DRAINAGE PLAN 2

ALABAMA LICENSED PROFESSIONAL ENGINEER 25 25 Jason H. Robertson

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03–25–2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: C-4.1

0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD GRAD-DRAIN-EC.dwg
- Wednesday, March 25, 2026 4:34:49 PM

LEGEND

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- EX WATER-LINE
- EX WATER PUMP
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER-LINE
- EX SEWER MH
- EX SEWER VALVE
- EX SEWER CLEAN-OUT
- EX GRINDER PUMP
- EX GAS-LINE
- EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX FENCE
- EX SIGN
- EX WOOD-LINE
- EX POWER-LINE
- EX FIBER-LINE
- EX ELEC BOX
- EX E/V CHARGER
- EX TRANSFORMER
- EX BREAKER BOX
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- EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
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- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
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- PR STORM PIPE
- PR WATER LINE
- PR SEWER LINE

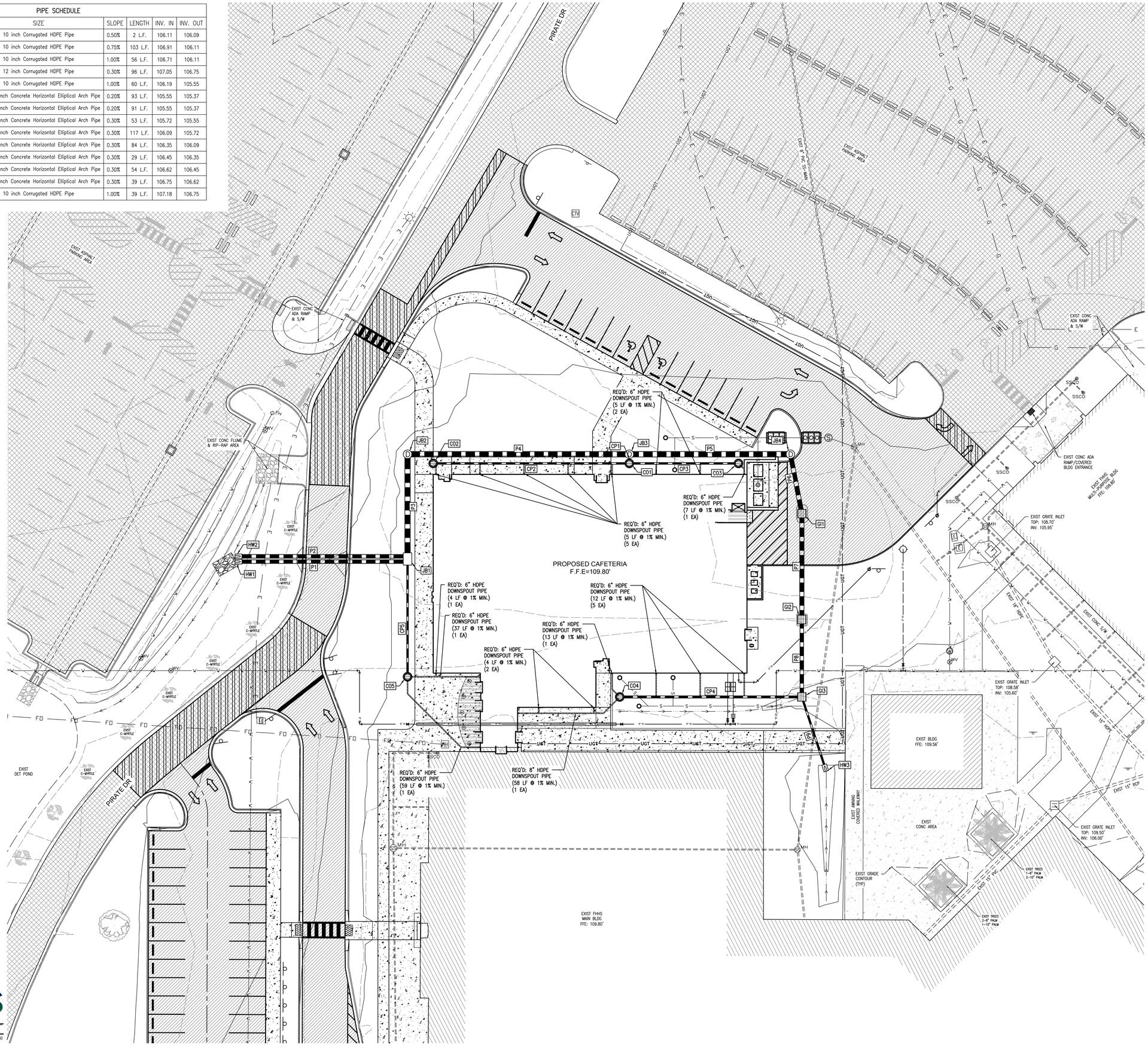
PIPE SCHEDULE					
PIPE NAME	SIZE	SLOPE	LENGTH	INV. IN	INV. OUT
CP1	10 inch Corrugated HDPE Pipe	0.50%	2 L.F.	106.11	106.09
CP2	10 inch Corrugated HDPE Pipe	0.75%	103 L.F.	106.91	106.11
CP3	10 inch Corrugated HDPE Pipe	1.00%	56 L.F.	106.71	106.11
CP4	12 inch Corrugated HDPE Pipe	0.30%	96 L.F.	107.05	106.75
CP5	10 inch Corrugated HDPE Pipe	1.00%	60 L.F.	106.19	105.55
P1	18 x 11 inch Concrete Horizontal Elliptical Arch Pipe	0.20%	93 L.F.	105.55	105.37
P2	18 x 11 inch Concrete Horizontal Elliptical Arch Pipe	0.20%	91 L.F.	105.55	105.37
P3	29 x 18 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	53 L.F.	105.72	105.55
P4	29 x 18 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	117 L.F.	106.09	105.72
P5	29 x 18 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	84 L.F.	106.35	106.09
P6	22 x 14 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	29 L.F.	106.45	106.35
P7	22 x 14 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	54 L.F.	106.62	106.45
P8	18 x 11 inch Concrete Horizontal Elliptical Arch Pipe	0.30%	39 L.F.	106.75	106.62
P9	10 inch Corrugated HDPE Pipe	1.00%	39 L.F.	107.18	106.75

HEADWALL SCHEDULE	
NAME	INVERT
HW1	105.37 (P1)
HW2	105.37 (P2)
HW3	107.18 (P9)

GRATE INLET SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
GI1	108.99	106.45 (P7)	106.45 (P6)
GI2	108.99	106.62 (P8)	106.62 (P7)
GI3	108.92	106.75 (CP4) 106.75 (P9)	106.75 (P8)

JUNCTION BOX SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
JB1	109.30	105.55 (CP5) 105.55 (P3)	105.55 (P1) 105.55 (P2)
JB2	109.39	105.72 (P4)	105.72 (P3)
JB3	109.45	106.09 (P5) 106.09 (CP1)	106.09 (P4)
JB4	109.33	106.35 (P6)	106.35 (P5)

CLEANOUT SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
CO1	109.49	106.11 (CP2) 106.11 (CP3)	106.11 (CP1)
CO2	109.74		106.91 (CP2)
CO3	109.55		106.71 (CP3)
CO4	109.40		107.05 (CP4)
CO5	109.30		106.19 (CP5)



N

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: DOWNSPOUT PLAN

ALABAMA LICENSED PROFESSIONAL ENGINEER 25 Joshua H. Robertson

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE: 03-25-2026	
REVISIONS	

JOB NO. 25-160B

SHEET NO: C-4.2

0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD GRAD-DRAIN-EC.dwg
- Wednesday, March 25, 2026 4:34:59 PM

LEGEND

- ROW–PROP LINE
- W — EX WATER–LINE
- WP — EX WATER PUMP
- WV — EX WATER VALVE
- FH — EX FIRE HYDRANT
- WM — EX WATER METER
- SS — EX SEWER–LINE
- MH — EX SEWER MH
- SSV — EX SEWER VALVE
- SSCO — EX SEWER CLEAN–OUT
- EX GRINDER PUMP
- GAS — EX GAS–LINE
- GV — EX GAS VALVE
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX FENCE
- EX SIGN
- EX WOOD–LINE
- E — EX POWER–LINE
- FO — EX FIBER–LINE
- EX ELEC BOX
- EV — EX E/V CHARGER
- TR — EX TRANSFORMER
- BB — EX BREAKER BOX
- HH — EX HANDHOLE
- AC — EX AC UNIT
- EX ELEC SWITCH BOX
- EX FIBER MARKER
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX GRAVEL AREA
- PR ASPHALT AREA
- PR CONC AREA
- PR STRIPING
- PR DRAINAGE INLET
- PR STORM PIPE
- W — W — PR WATER LINE
- S — S — PR SEWER LINE

SEWER CLEAN OUT SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
SSCO1	109.30		105.39 (SSM3)
SSCO2	109.51		105.33 (SSL1)
SSCO3	109.52		105.73 (SSL2)
SSCO4	109.36		102.73 (SSM9)
SSCO5	109.53		103.03 (SSL4)

SEWER STRUCTURE SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
DD1	109.28		102.74 (SSL3)
GT1	109.24	101.98 (SSM6)	101.98 (SSM5)
GT2	109.34	102.13 (SSM7)	102.13 (SSM6)
SSMH1	109.18	101.89 (SSM5)	101.79 (SSM4)

SEWER FITTING SCHEDULE		
NAME	INV IN	INV OUT
WYE1 4"x8" PVC WYE	103.44 (SSM1)	103.44 (EX–SSMH1)
WYE2 4"x4" PVC WYE	105.02 (SSL1) 105.29 (SSM2)	105.02 (SSM1)
WYE3 4"x4" PVC WYE	105.29 (SSL2) 105.39 (SSM3)	105.43 (SSM2)
WYE4 4"x4" PVC WYE	102.23 (SSM8) 102.23 (SSL3)	102.23 (SSM7)
WYE5 4"x4" PVC WYE	102.68 (SSM9) 102.68 (SSL4)	102.68 (SSM8)

SEWER PIPE SCHEDULE					
PIPE NAME	SIZE	SLOPE	LENGTH	INV. IN	INV. OUT
SSL1	4" PVC SDR–21	2.00%	12 L.F.	105.33	105.02
SSL2	4" PVC SDR–21	2.00%	18 L.F.	105.73	105.29
SSL3	4" PVC SDR–21	2.00%	22 L.F.	102.74	102.23
SSL4	4" PVC SDR–21	2.00%	14 L.F.	103.03	102.68
SSM1	4" PVC SDR–21	2.00%	76 L.F.	105.02	103.44
SSM2	4" PVC SDR–21	0.29%	10 L.F.	105.33	105.29
SSM3	4" PVC SDR–21	2.00%	2 L.F.	105.39	105.29
SSM5	4" PVC SDR–21	1.00%	4 L.F.	101.98	101.89
SSM6	4" PVC SDR–21	1.00%	12 L.F.	102.13	101.98
SSM7	4" PVC SDR–21	1.00%	5 L.F.	102.23	102.13
SSM8	4" PVC SDR–21	1.00%	42 L.F.	102.68	102.23
SSM9	4" PVC SDR–21	1.00%	2 L.F.	102.73	102.68

UTILITY NOTES:

1.) CONTRACTOR SHALL POTHOLE & FIELD VERIFY ALL EXISTING ONSITE UTILITY LOCATIONS AND SIZES TO DETERMINE POTENTIAL CONFLICTS PRIOR TO BEGINNING WORK.

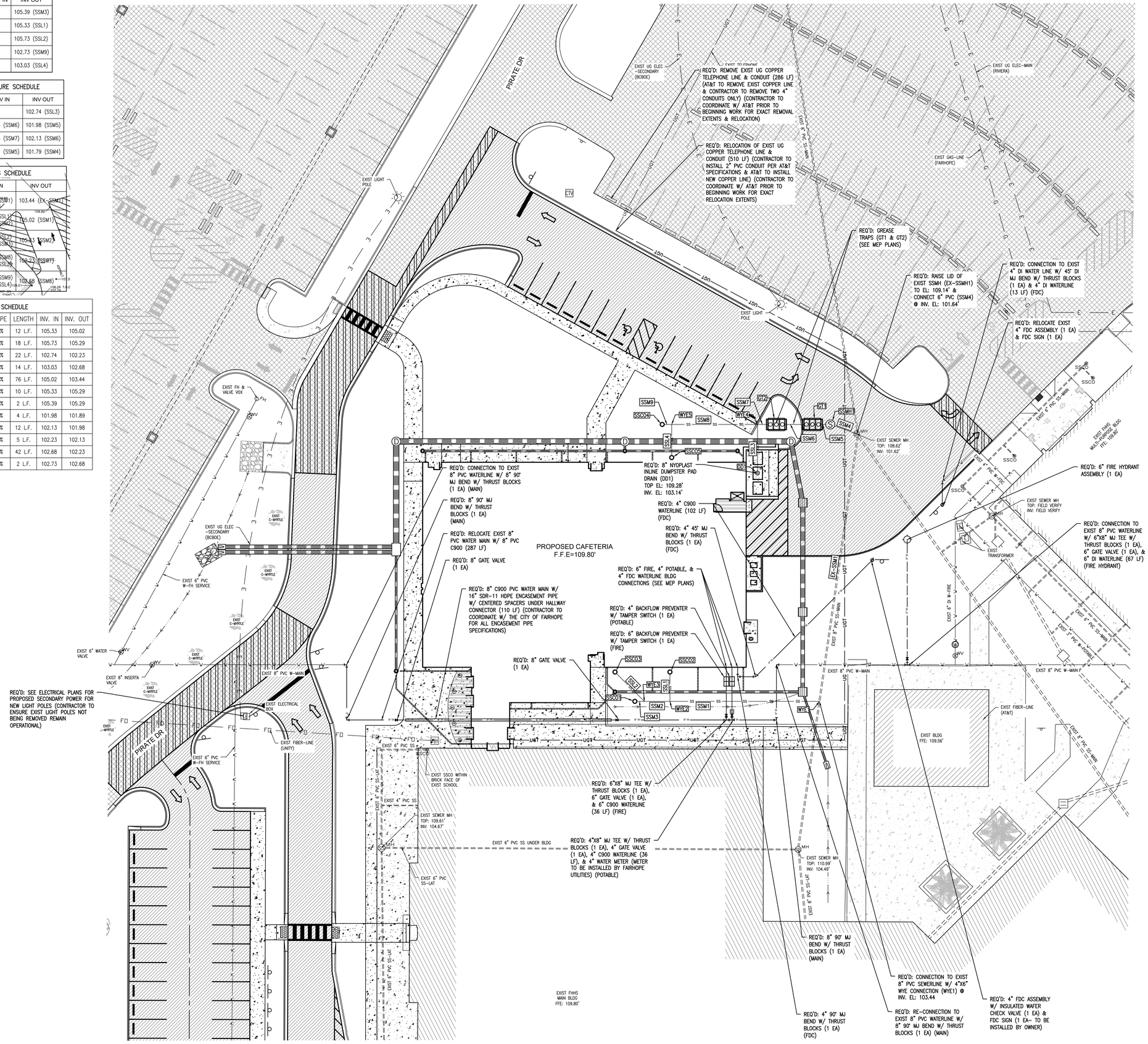
2.) CONTRACTOR SHALL COORDINATE W/ ALL UTILITY PROVIDERS BEFORE BEGINNING WORK TO DETERMINE EXACT REMOVAL/RELOCATION EXTENTS AND ENSURE NO CONFLICTS. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND OWNER OF ANY REMOVALS/RELOCATIONS THAT DIFFER FROM THE PLANS AND PROVIDE AS-BUILT SHOTS OF EACH UTILITY'S LOCATION.

3.) CONTRACTOR SHALL LOCATE ALL EXISTING IRRIGATION SYSTEMS ON SITE BEFORE BEGINNING WORK & REMOVE/RELOCATE ALL IRRIGATION FACILITIES & PIPING THAT ARE WITHIN THE PROPOSED CONCRETE, HARD-SCAPE, OR PAVING AREAS.

4.) ALL EXISTING UTILITY HANDHOLES & BOXES SHALL BE ADJUSTED TO FINISHED GRADE, ANY HANDHOLES OR BOXES WITHIN THE ASPHALT OR CONCRETE AREAS SHALL BE TRAFFIC RATED AFTER ADJUSTMENT.

5.) ALL WATER SERVICE TO THE EXISTING SCHOOL AND SURROUNDING BUILDINGS MUST REMAIN IN USE DURING THE SCHOOL YEAR. THE CONTRACTOR SHALL COORDINATE W/ THE SCHOOL ON THE UTILITY WORK SCHEDULE TO DETERMINE DATES AND TIMES THAT THE WATER SUPPLY CAN BE TURNED OFF TEMPORARILY.

6.) CONTRACTOR SHALL COORDINATE W/ FAIRHOPE UTILITIES PRIOR TO BEGINNING WORK TO DETERMINE ROUTE OF NEW GAS LINE (SEE MECHANICAL PLANS FOR ALL GAS REQUIREMENTS AND LOCATION OF GAS CONNECTION TO BUILDING.



N

GRAPHIC SCALE

0 10 20 40

1 inch = 20 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: UTILITY PLAN

ALABAMA PROFESSIONAL ENGINEER 03-25-26 James H. Robertson II

PROJ. MGR.: JHR
DRAWN: MJT
DATE: 03–25–2026
REVISIONS

JOB NO. 25-160B
SHEET NO: C-5.0

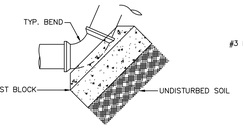
0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD OV-GEO-UTIL.dwg
- Wednesday, March 25, 2026 4:35:22 PM

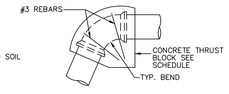
THRUST BLOCK BEARING AREAS (SQ.FT.)						VERTICAL ANCHOR BLOCK VOLUMES		
SIZE	PLUGGED END OR TEE	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND	45° VERT. BEND	22-1/2° VERT. BEND	GATE VALVE
2" DIA. PIPE LINE	1.0	1.0	1.0	1.0	1.0	9.3 CU. FT.	4 CU. FT.	0.5 CU. FT.
4" DIA. PIPE LINE	1.9	2.6	1.4	1.0	1.0	21.1 CU. FT.	9.8 CU. FT.	0.8 CU. FT.
6" DIA. PIPE LINE	3.6	5.0	2.7	1.4	1.0	50 CU. FT.	16 CU. FT.	1.0 CU. FT.
8" DIA. PIPE LINE	5.8	8.2	4.4	2.25	1.2			1.5 CU. FT.

NOTE: THRUST BLOCK BEARING AREAS SHALL BE INCREASED IN POOR TRENCH CONDITIONS AS DIRECTED BY THE ENGINEER

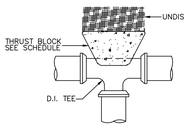
DESIGN CRITERIA: TEST PRESSURE – 150 PSI SOIL BEARING PRESSURE – 1 TON PER SQ. FT.



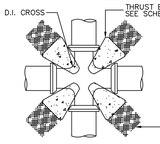
VERT. THRUST BLOCK DETAIL



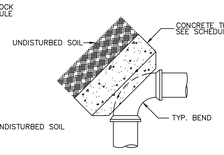
VERT. THRUST BLOCK DETAIL



TEE THRUST BLOCK DETAIL



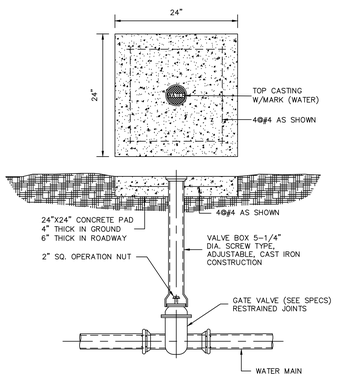
CROSS THRUST BLOCK DETAIL



HORIZ. THRUST BLOCK DETAIL

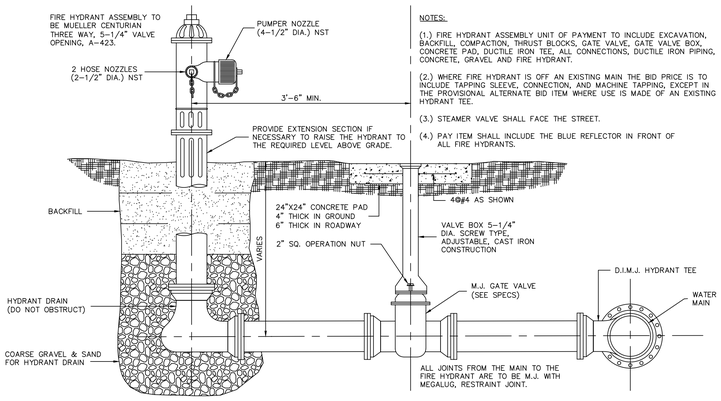
THRUST BLOCK DETAIL

N.T.S.



WATER GATE VALVE

N.T.S.



NOTES:

(1.) FIRE HYDRANT ASSEMBLY UNIT OF PAYMENT TO INCLUDE EXCAVATION, BACKFILL, COMPACTION, THRUST BLOCKS, GATE VALVE, GATE VALVE BOX, CONCRETE PAD, DUCTILE IRON TEE, ALL CONNECTIONS, DUCTILE IRON PIPING, CONCRETE, GRAVEL AND FIRE HYDRANT.

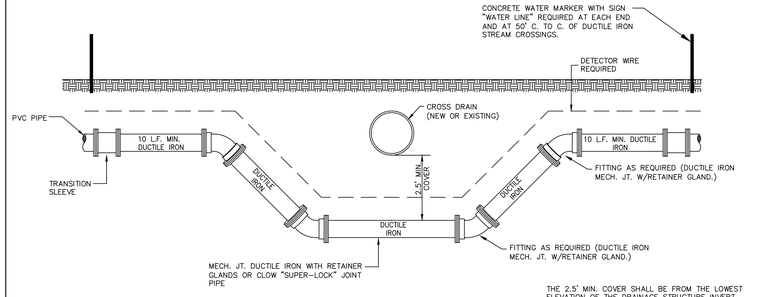
(2.) WHERE FIRE HYDRANT IS OFF AN EXISTING MAIN THE BID PRICE IS TO INCLUDE TAPPING SLEEVE, CONNECTION, AND MACHINE TAPPING, EXCEPT IN THE PROVISIONAL ALTERNATE BID ITEM WHERE USE IS MADE OF AN EXISTING HYDRANT TEE.

(3.) STEAMER VALVE SHALL FACE THE STREET.

(4.) PAY ITEM SHALL INCLUDE THE BLUE REFLECTOR IN FRONT OF ALL FIRE HYDRANTS.

FIRE HYDRANT ASSEMBLY

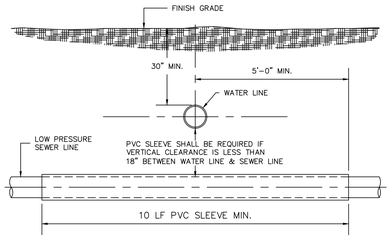
N.T.S.



TYPICAL DRAINAGE PIPE CROSSING

NOT TO SCALE

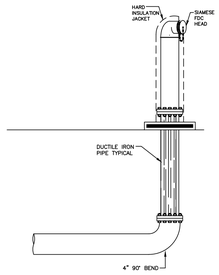
THE 2.5' MIN. COVER SHALL BE FROM THE LOWEST ELEVATION OF THE DRAINAGE STRUCTURE INVERT. THIS ELEVATION SHALL BE MAINTAINED NO LESS THAN 10' EACH SIDE OF THE CROSS DRAIN REGARD-LESS OF THE GROUND ELEVATION WHICH MAY RESULT IN COVER DEPTHS SIGNIFICANTLY GREATER THAN THE 2.5' MIN.)



WATER LINE & SANITARY SEWER LINE VERTICAL CROSSING DETAIL

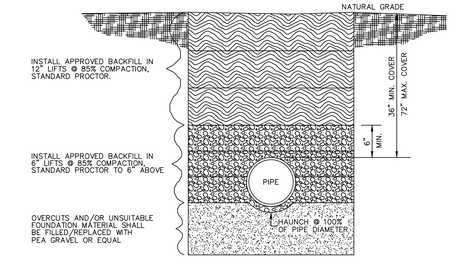
N.T.S.

THE CONTRACTOR SHALL FOLLOW THE 10 STATE STANDARDS.



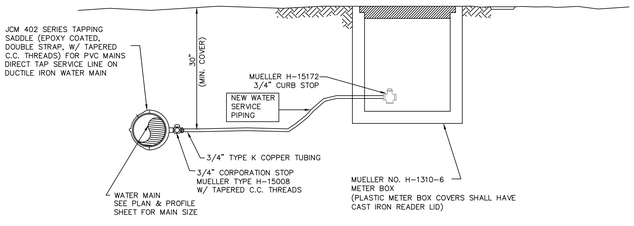
FIRE DEPARTMENT CONNECTION DETAIL

N.T.S.



TYPICAL TRENCH DETAIL

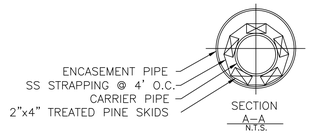
N.T.S.

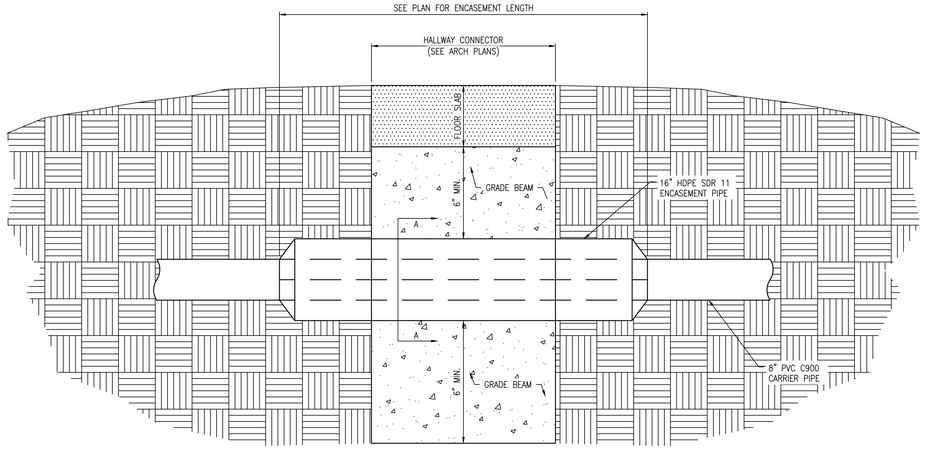


TYPICAL NEW WATER SERVICE CONNECTION FAIRHOPE

N.T.S.

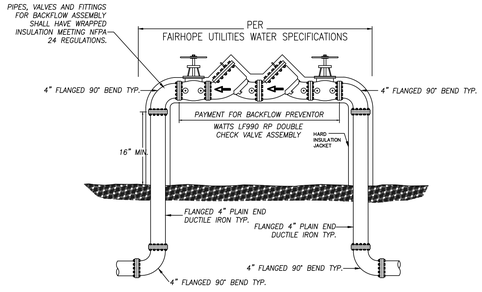
NOTE: LOCATION OF EACH WATER SERVICE SHALL BE MARKED IN THE CONCRETE VALLEY GUTTER WITH THE LETTER "W".





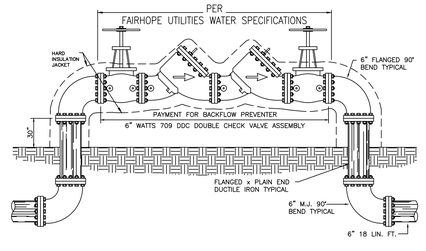
ENCASEMENT PIPE DEATIL

N.T.S.



4" DOMESTIC BACKFLOW PREVENTOR ASSEMBLY DETAIL

N.T.S.



6" BACKFLOW PREVENTER ASSEMBLY DETAIL FOR FIRE LINE

N.T.S.

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: WATER DETAILS

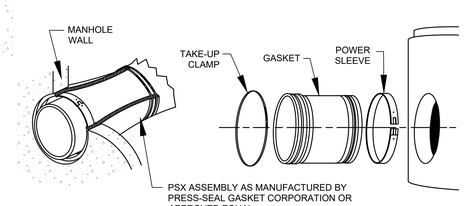
ALABAMA LICENSED PROFESSIONAL ENGINEER 25160 James H. Robertson II

PROJ. MGR.: JHR
DRAWN: MJT
DATE: 03-25-2026
REVISIONS

JOB NO. 25-160B
SHEET NO: C-5.1

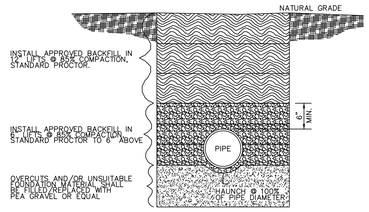
0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD NOTES-DETAILS.dwg
- Wednesday, March 25, 2026 4:35:28 PM



TYPICAL "BOOT" DETAIL

N.T.S.



TYPICAL TRENCH DETAIL

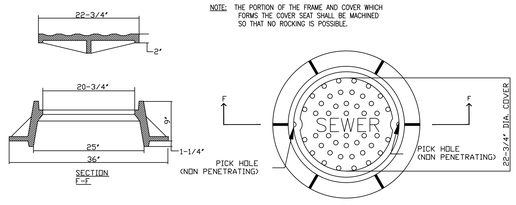
N.T.S.

GENERAL NOTES:

- ALL PRECAST REINFORCED CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM C 478.
- WHEN SHORT MANHOLE SECTIONS ARE USED UNDER PAVED AREAS THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR THE REINFORCING REQUIRED TO SUPPORT THE TRAFFIC LOAD
- ALL MANHOLES SHALL BE CONSTRUCTED USING TYPE 2 CEMENT, AND 100% CALCAREOUS AGGREGATE
- GROUT MANHOLE RING TO MANHOLE SECTION INSIDE & OUT AS APPROVED BY THE ENG.
- THE 1ST MANHOLE STEP SHALL NOT BE MORE THAN 15" FROM THE TOP OF THE MANHOLE.
- SPECIFICATIONS:

MODEL: VULCAN FOUNDRY V-1418 -1 TYPE 1 PICK HOLE

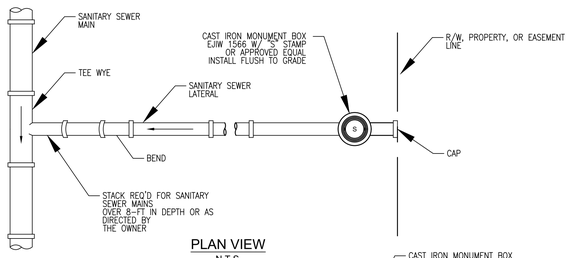
COVER WEIGHT	130 LBS
RING WEIGHT	280 LBS
TOTAL WEIGHT	410 LBS



THE RING AND COVER SHALL MEET THE REQUIREMENTS OF THE CITY OF FAIRHOPE SANITARY SEWER SPECIFICATIONS. THIS IS TO INCLUDE THE LABEL ON THE MANHOLE COVER.

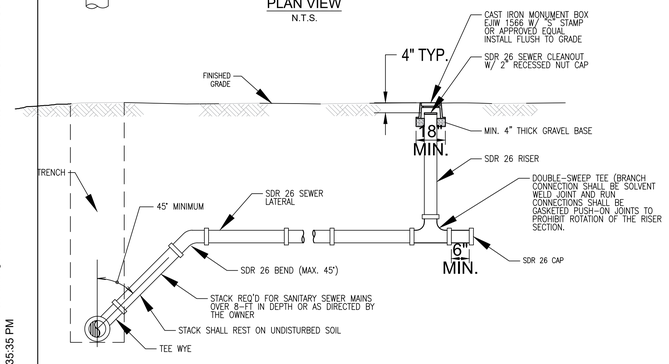
MANHOLE FRAME & COVER DETAIL

N.T.S.



PLAN VIEW

N.T.S.

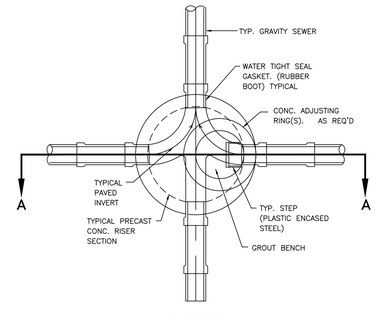


ELEVATION VIEW

N.T.S.

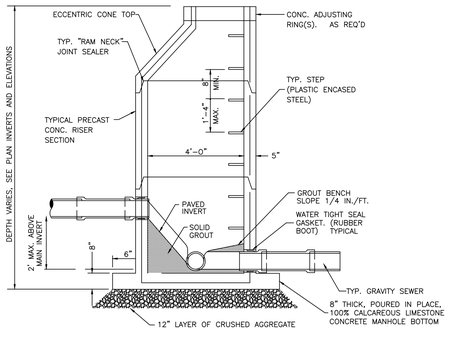
NOTES:

1. SANITARY SEWER LATERALS SHALL BE 4" SDR 26 UNLESS DIRECTED OTHERWISE BY THE OWNER.
2. DOUBLE SWEEP TEES SHALL HAVE SOLVENT WELD JOINTS FOR THE BRANCH CONNECTION AND GASKETED PUSH-ON JOINTS FOR THE RUN CONNECTIONS.
3. NON-SEIZE GREASE SUITABLE FOR USE WITH PVC FITTINGS SHALL BE APPLIED TO THE THREADS OF THE CLEANOUT CAP.
4. WHERE THE SANITARY SEWER MAIN IS PVC C900, THE TEE-WYE SHALL BE GASKETED C-900.
5. CLEANOUTS SHALL BE INSTALLED AS NEAR TO THE R/W, PROPERTY, OR EASEMENT LINE AS POSSIBLE. IF A CLEANOUT IS TO BE INSTALLED WHERE SIDEWALK IS EITHER EXISTING OR PROPOSED, IT SHALL BE PLACED BETWEEN THE SIDEWALK AND THE R/W LINE WHERE PRACTICAL. IF THE SIDEWALK IS INSTALLED AT THE R/W LINE, THE CLEANOUT SHALL BE PLACED BETWEEN THE SIDEWALK AND THE EDGE OF PAVEMENT IMMEDIATELY ADJACENT TO THE SIDEWALK. THE CLEANOUT SHALL NOT BE PLACED IN THE SIDEWALK OR A PAVED DRIVEWAY UNLESS APPROVED IN WRITING BY THE RIVIERA UTILITIES AND THE CITY OF FOLEY.
6. NO HORIZONTAL BENDS SHALL BE ALLOWED BETWEEN THE MAIN AND THE CLEANOUT UNLESS APPROVED IN WRITING BY THE CITY OF FAIRHOPE. WHERE HORIZONTAL BENDS ARE ALLOWED, AN ADDITIONAL CLEANOUT SHALL BE INSTALLED AT EACH BEND.
7. PVC LATERALS SHALL BE MARKED WITH 14-GAUGE COATED COPPER WIRE BURIED 3 TO 6 INCHES ABOVE THE TOP OF THE PIPE IN ACCORDANCE WITH SECTION 400.07 OF RIVIERA UTILITIES' STANDARD SPECIFICATIONS. THE END OF THE LOCATE WIRE SHALL STUB-UP AT THE CLEANOUT INTO THE MONUMENT BOX.



PLAN VIEW

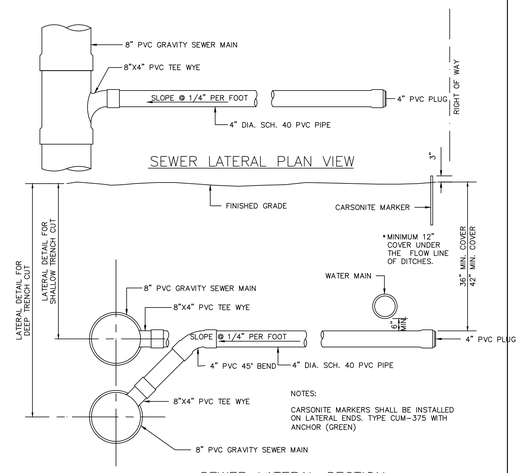
N.T.S.



TYPICAL PRECAST CONCRETE MANHOLE

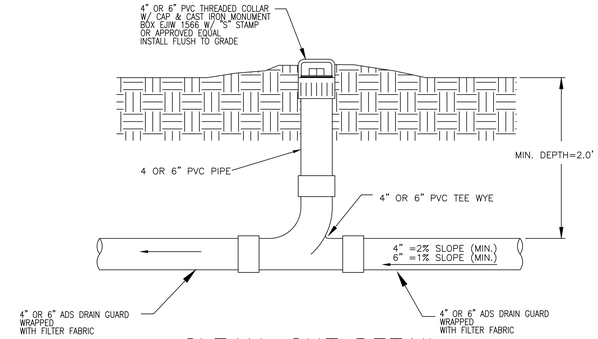
SECTION A-A

N.T.S.



SEWER LATERAL SECTION

N.T.S.



CLEAN-OUT DETAIL

N.T.S.

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: SEWER DETAILS

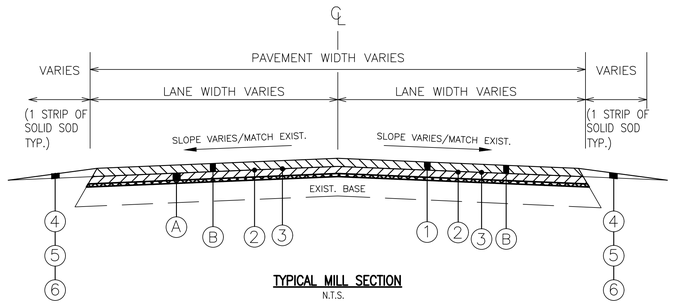
ALABAMA LICENSED PROFESSIONAL ENGINEER John H. Robertson 25 25

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03-25-2026
REVISIONS	

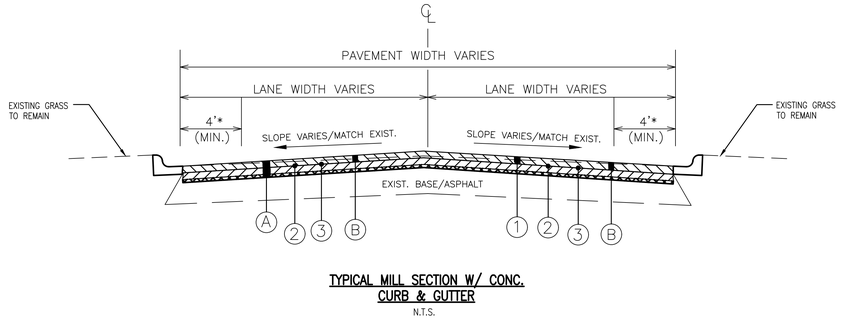
JOB NO. 25-160B
SHEET NO: C-5.2

0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD NOTES-DETAILS.dwg
- Wednesday, March 25, 2026 4:35:35 PM



TYPICAL MILL SECTION
N.T.S.

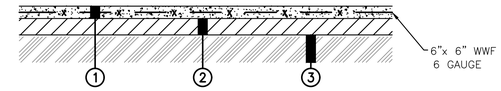


TYPICAL MILL SECTION W/ CONC. CURB & GUTTER
N.T.S.

LEGEND

Ⓐ		EXISTING ASPHALT PAVEMENT (DEPTH VARIES)
Ⓑ	408–A	ASPHALT PLANING / EDGE / LIGHT MILL SECTION – TYPICAL 1.5" DEEP MAX. (PER SY)
∗①	429–A	BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1.5" THICK, 1/2" MAXIMUM AGGREGATE SIZE (165 lb/sy) (PER TON)
∗②	429–C	BITUMINOUS CONCRETE BASE LAYER, (LEVELING), 1/2" MAXIMUM AGGREGATE SIZE (AS DIRECTED BY THE ENGINEER) (PER TON)
∗③	405–A	TACK COAT, (SUBSIDIARY OF 429–A ASPHALT WEARING SURFACE)
④	650–A	TOPSOIL (APPROX. 3" THICK) (PER CY)
⑤	654–A	SOLID SODDING (PER SY)
⑥	212–A	MACHINE GRADING SHOULDERS – WHERE REQUIRED (SUBSIDIARY OF 429–A ASPHALT WEARING SURFACE)

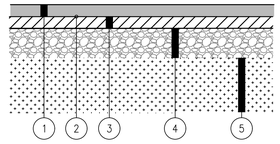
∗ – TACK COAT SHALL BE A SUBSIDIARY OF ITEMS 429–A & 429–C



CONCRETE DUMPSTER PAD SECTION
N.T.S.

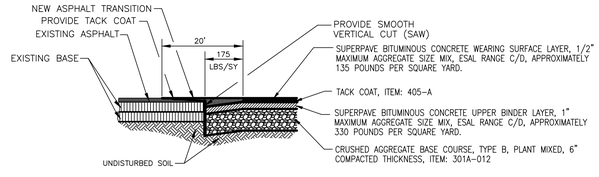
1. 6" CONCRETE PAVEMENT (4,000 PSI COMPRESSIVE STRENGTH, 500 PSI FLEXURAL STRENGTH)
2. 6" ALDOT SECTION 825 CRUSHED AGGREGATE BASE MATERIAL (100% STANDARD DENSITY)
3. IN–SITE MATERIAL (TOP 12" SHALL BE COMPACTED TO 100% STANDARD DENSITY)

NOTE: CONTRACTOR SHALL SUBMIT AN EXPANSION & CONTROL JOINT PLAN, PER CURRENT ACI CODE, FOR APPROVAL BEFORE INSTALLATION.



ASPHALT PAVEMENT SECTION
N.T.S.

1. 1.5" ALDOT SECTION 424A, BITUMINOUS WEARING SURFACE (165 LB/SY – 1/2" MAX AGGREGATE SIZE MIX)
2. ALDOT SECTION 405 TACK COAT
3. 2" ALDOT SECTION 424A, BITUMINOUS BINDER LAYER (220 LB/SY – 3/4" MAX AGGREGATE SIZE MIX)
4. 6" ALDOT SECTION 825 CRUSHED AGGREGATE BASE MATERIAL (100% STANDARD DENSITY)
5. IN–SITE MATERIAL (TOP 12" SHALL BE COMPACTED TO 100% STANDARD DENSITY)



BUTT JOINT DETAIL
N.T.S.

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Latham-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD NOTES-DETAILS.dwg
- Wednesday, March 25, 2026 4:35:40 PM

LATHAN ▪McKEE ARCHITECTS

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

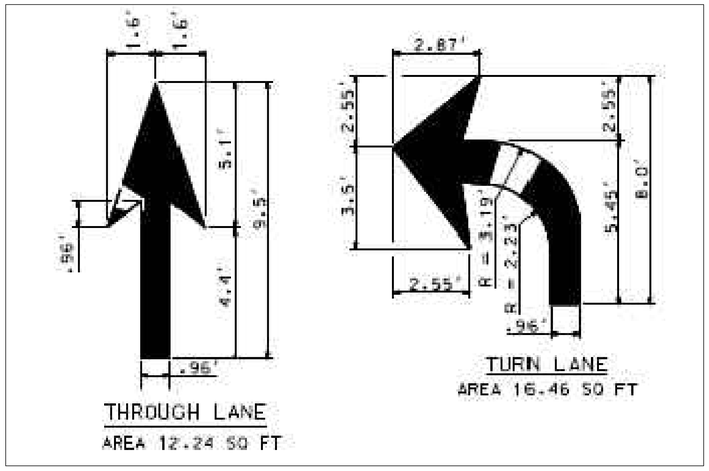
SHEET TITLE: TYPICAL SECTION DETAILS

ALABAMA PROFESSIONAL ENGINEER
JOSHUA H. ROBERTSON II
PROFESSIONAL ENGINEER
26532

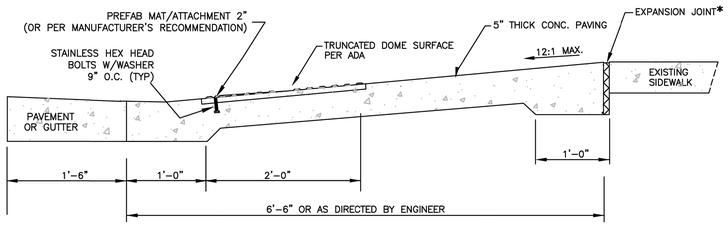
PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03–25–2026
REVISIONS	

JOB NO. 25-160B
SHEET NO: C-6.0

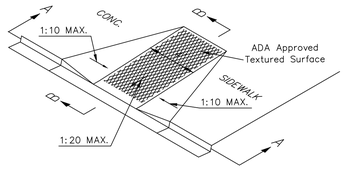
0 1" 2"



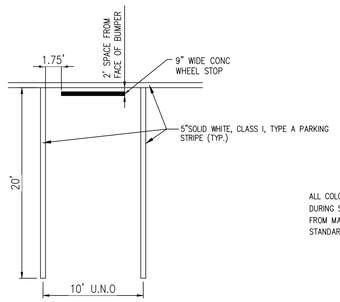
TRAFFIC MARKINGS DETAILS
N.T.S.



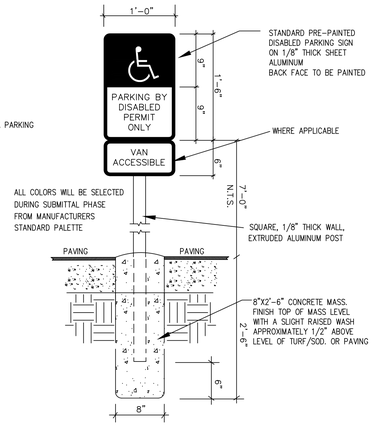
CONC ADA RAMP TYPE "A" DETAIL
N.T.S.



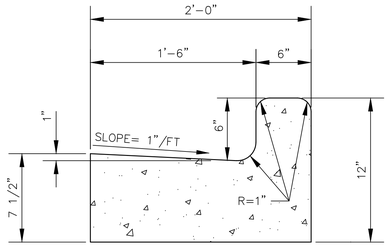
ISOMETRIC VIEW



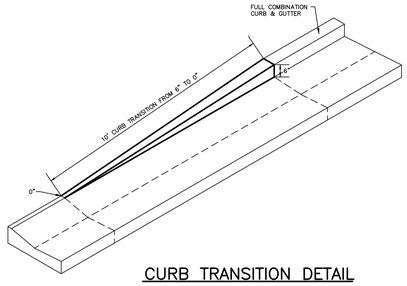
PARKING SPACE
STRIPING DETAIL
N.T.S.



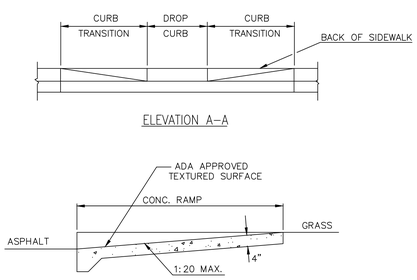
H/C PARKING SIGN DETAIL
N.T.S.



*24" CURB & GUTTER DETAIL
(TYPE "C" MODIFIED)
N.T.S.



CURB TRANSITION DETAIL
N.T.S.



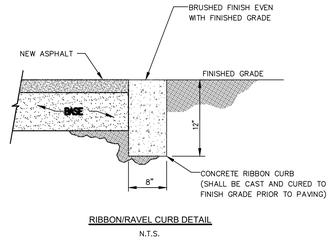
ELEVATION A–A

SECTION B–B

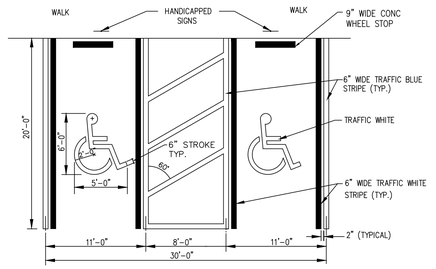
CONC ADA RAMP TYPE "B" DETAIL
N.T.S.

NOTES:

1. RAMPS ARE DESIGNED TO THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT.
2. RAMPS SHALL HAVE A TACTILE SURFACE, TEXTURED TO A DEPTH NOT EXCEEDING 1/8" BY USE OF TAMP OR ROLLER.

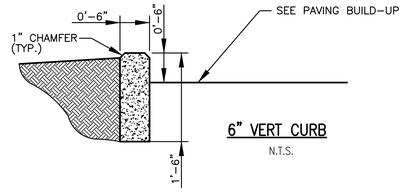


RIBBON/RAVEL CURB DETAIL
N.T.S.

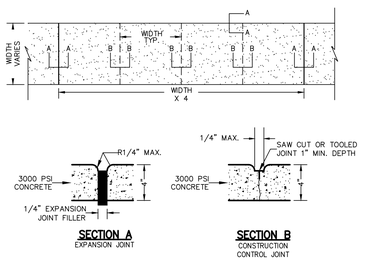


NOTE:
ALL PAVEMENT MARKINGS SHALL BE PAINTED TWO COATS.

VAN ACCESSIBLE HANDICAPPED
STALL DETAIL
N.T.S.



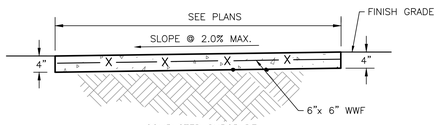
6" VERT CURB
N.T.S.



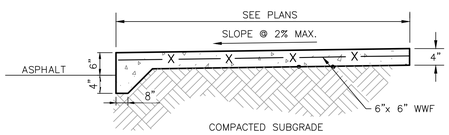
NOTES:

1. PROVIDE 6 FEET BETWEEN CONTROL JOINTS AND 24 FEET BETWEEN EXPANSION JOINTS.
2. ALL EXPANSION JOINTS SHALL BE 1/2" THICK, NEOPRENE MATERIAL.
3. EXPANSION MATERIAL TO BE USED AT ALL PC'S, PT'S AND STRUCTURES.

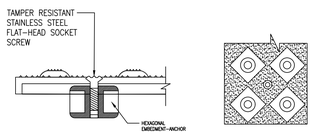
CONCRETE WALK DETAIL
N.T.S.



FLUSH
CONCRETE SIDEWALK
N.T.S.

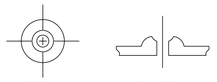


RAISED
CONCRETE SIDEWALK
N.T.S.



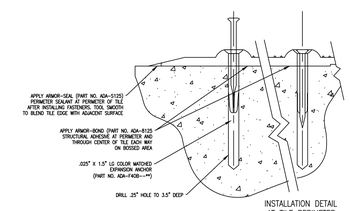
"ARMOR TILE-REPLACEMENT"
FOR NEW CONSTRUCTION
N.T.S.

SECTION A–A
N.T.S.

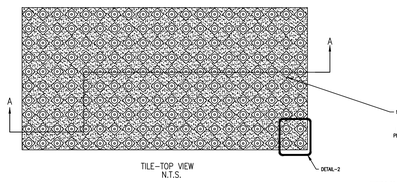


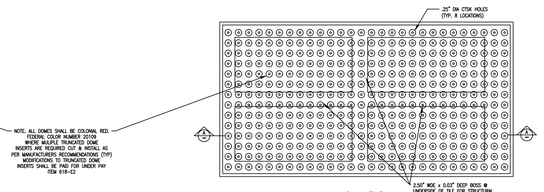
DETAIL-2
N.T.S.

SECTION A–A
N.T.S.

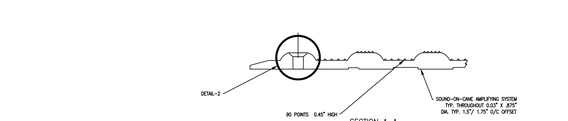


INSTALLATION DETAIL
AT TILE PERIMETER
N.T.S.





TRUNCATED DOME DETAIL
N.T.S.



PRECAST CONCRETE WHEEL STOPS
N.T.S.
APPROX. WEIGHT – 33 LBS/FT

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN
McKEE
ARCHITECTS

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

SHEET TITLE:
CIVIL CONSTRUCTION DETAILS 1

ALABAMA
REGISTERED
PROFESSIONAL
33 352
ENGINEER
Jonathan H. Roberson II

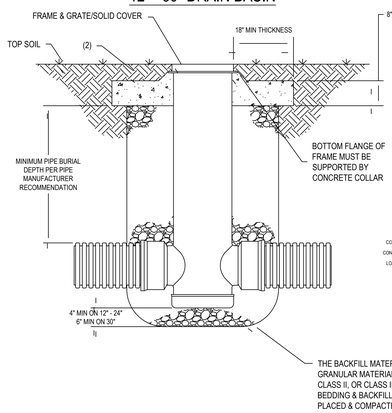
PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03-25-2026
REVISIONS	

JOB NO. 25-160B
SHEET NO:
C-6.1

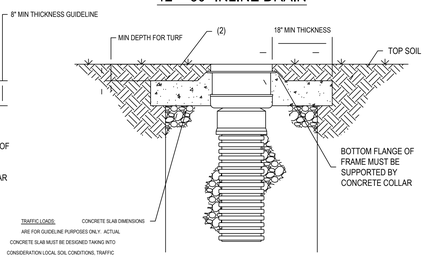
0 1" 2"

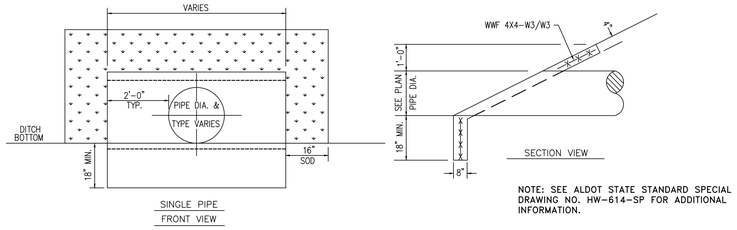
- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD NOTES-DETAILS.dwg
- Wednesday, March 25, 2026 4:35:45 PM

12" - 30" DRAIN BASIN



12" - 30" INLINE DRAIN

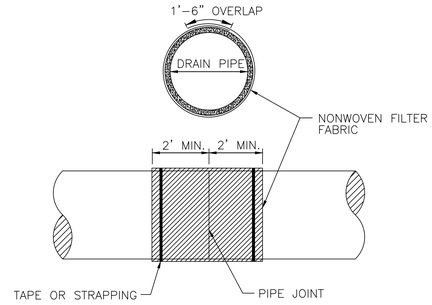




NOTE: SEE ALDOT STATE STANDARD SPECIAL DRAWING NO. HW-614-SP FOR ADDITIONAL INFORMATION.

4:1 CONCRETE SLOPED HEADWALL DETAIL

N.T.S.



NOTE:
JOINTS ON ALL STORM DRAIN PIPES SHALL BE PIPE WRAPPED WITH A NON-WOVEN FILTER FABRIC AS SHOWN IN THIS DETAIL.

PIPE JOINT WRAP

N.T.S.

1. GRATES/SOLID COVERS SHALL MEET H-20 LOAD RATING FOR 30" PEDESTRIAN & 12" - 30" STANDARD & SOLID
2. DESIGN SHOULD ACCOUNT FOR ROOT DEPTH TO ALLOW TURF TO GROW AND PREVENT EROSION AROUND GRATE
SO THAT HAZARDS DO NOT FORM.

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DRAWN BY	EBC	MATERIAL	
DATE	01-05-09		
REVISED BY	NMH	PROJECT NO./NAME	
DATE	03-14-16		
DWG SIZE	A	SCALE 1:25	SHEET 1 OF 1

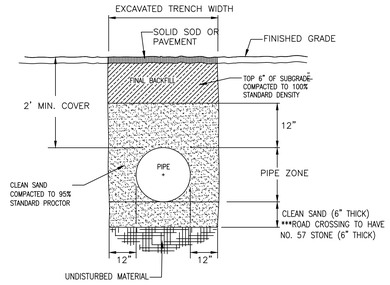
Nyloplast
3130 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com

TITLE
12 IN - 30 IN DRAIN BASIN & INLINE DRAIN
TURF TRAFFIC INSTALLATION

DWG NO. 7001-110-340 REV F

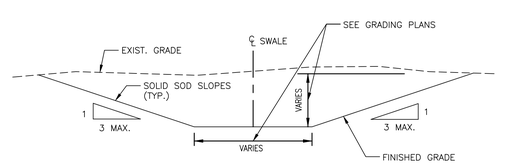
STORM CLEANOUT DETAIL

N.T.S.



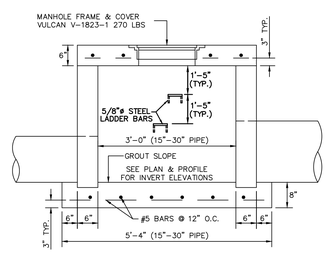
PIPE TRENCH BACKFILL DETAIL

N.T.S.

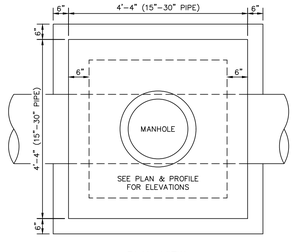


DRAINAGE SWALE DETAIL

N.T.S.



TYPICAL SECTION

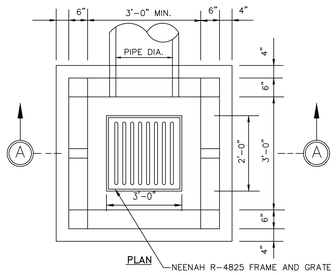


PLAN VIEW

JUNCTION BOX DETAIL

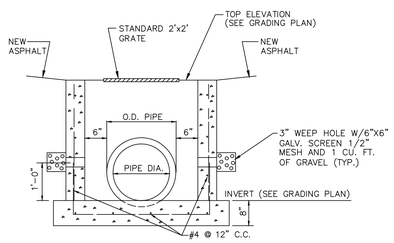
N.T.S.

NOTE: STEPS REQUIRED FOR BOX HEIGHTS 4'-0" AND GREATER.



PLAN

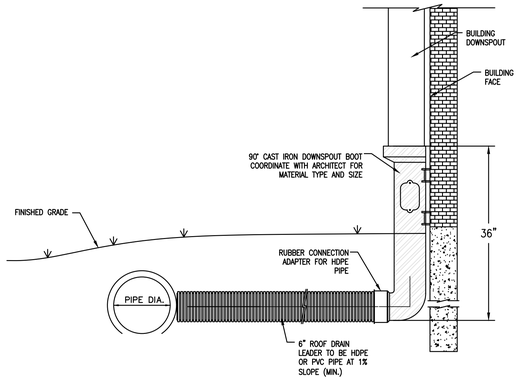
NEENAH R-4825 FRAME AND GRATE



SECTION A-A

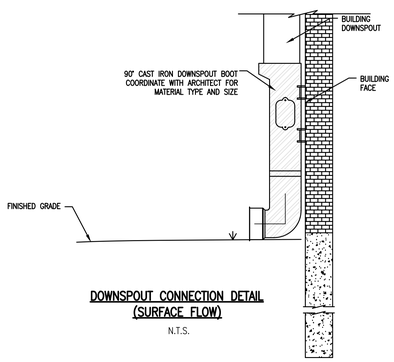
CONCRETE GRATE INLET DETAIL

N.T.S.



DOWNSPOUT CONNECTION DETAIL (PIPE CONNECTION)

N.T.S.



DOWNSPOUT CONNECTION DETAIL (SURFACE FLOW)

N.T.S.

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: CIVIL CONSTRUCTION DETAILS 2

ALABAMA LICENSED PROFESSIONAL ENGINEER Justin H. Robertson

PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03-25-2026
REVISIONS	

JOB NO. 25-160B
SHEET NO: C-6.2

0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Lathan-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD NOTES-DETAILS.dwg
- Wednesday, March 25, 2026 4:35:50 PM

SOIL EROSION & SEDIMENT CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT FOR CONSTRUCTION SITES AND URBAN AREAS, VOLUME 1 AND 2, LATEST EDITION.
2. THE MEASURES SET FORTH IN THE EROSION CONTROL PLAN ARE INTENDED AS THE MINIMUM STANDARDS, ANY EROSION CONTROL MEASURE BEYOND THAT SPECIFIED IN THE PLAN, THAT IS REQUIRED TO COMPLY WITH LOCAL, STATE, AND FEDERAL LAW, SHALL BE IMPLEMENTED.
3. IN THE EVENT THAT EROSION PREVENTION AND CONTROL DEVICES SHOWN IN THE EROSION CONTROL PLAN PROVE NOT TO BE EFFECTIVE, ALTERNATE METHODS FOR MAINTAINING STATE WATER QUALITY STANDARDS FOR DISCHARGE FROM THE CONSTRUCTION SITE WILL BE REQUIRED. ALL ALTERNATE EROSION PREVENTION AND CONTROL DEVICES MUST BE REVIEWED AND APPROVED BY LOCAL AND STATE COMPLIANCE PERSONNEL PRIOR TO PLACEMENT.
4. THE CONTRACTOR SHALL INSPECT INSTALLED BMPS AT LEAST ONCE EVERY SEVEN (7) DAYS AND REPAIR OR REPLACE MY DAMAGED OR INEFFECTIVE DEVICES.
5. THE CONTRACTOR SHALL INSPECT INSTALLED BMPS WITHIN 24 HOURS AFTER PRECIPITATION EVENTS OF 0.50 INCHES OR GREATER AND REPAIR OR REPLACE ANY DAMAGED OR INEFFECTIVE DEVICES.
6. DISTURBED AREAS SHALL BE GRADED, SODDED, OR VEGETATED (SEEDED AND MULCHED)WITHIN 13 DAYS OF ANY CONSTRUCTION ACTIVITY FOR AN EFFECTIVE BMP.
7. ALL AREAS IDENTIFIED TO HAVE SOLID SODDING, SHALL BE VEGETATED WITH PERMANENT SEEDING (SEASONAL MIX) IN ACCORDANCE WITH SECTION 860, TABLE FOR ZONE 3 IN THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS HIGHWAY CONSTRUCTION (CURRENT EDITION).
8. SILT FENCE MUST MEET THE REQUIREMENTS OF LOCAL JURISDICTIONAL AGENCY, SAID REQUIREMENTS AS SHOWN BY THESE PLANS.
9. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:

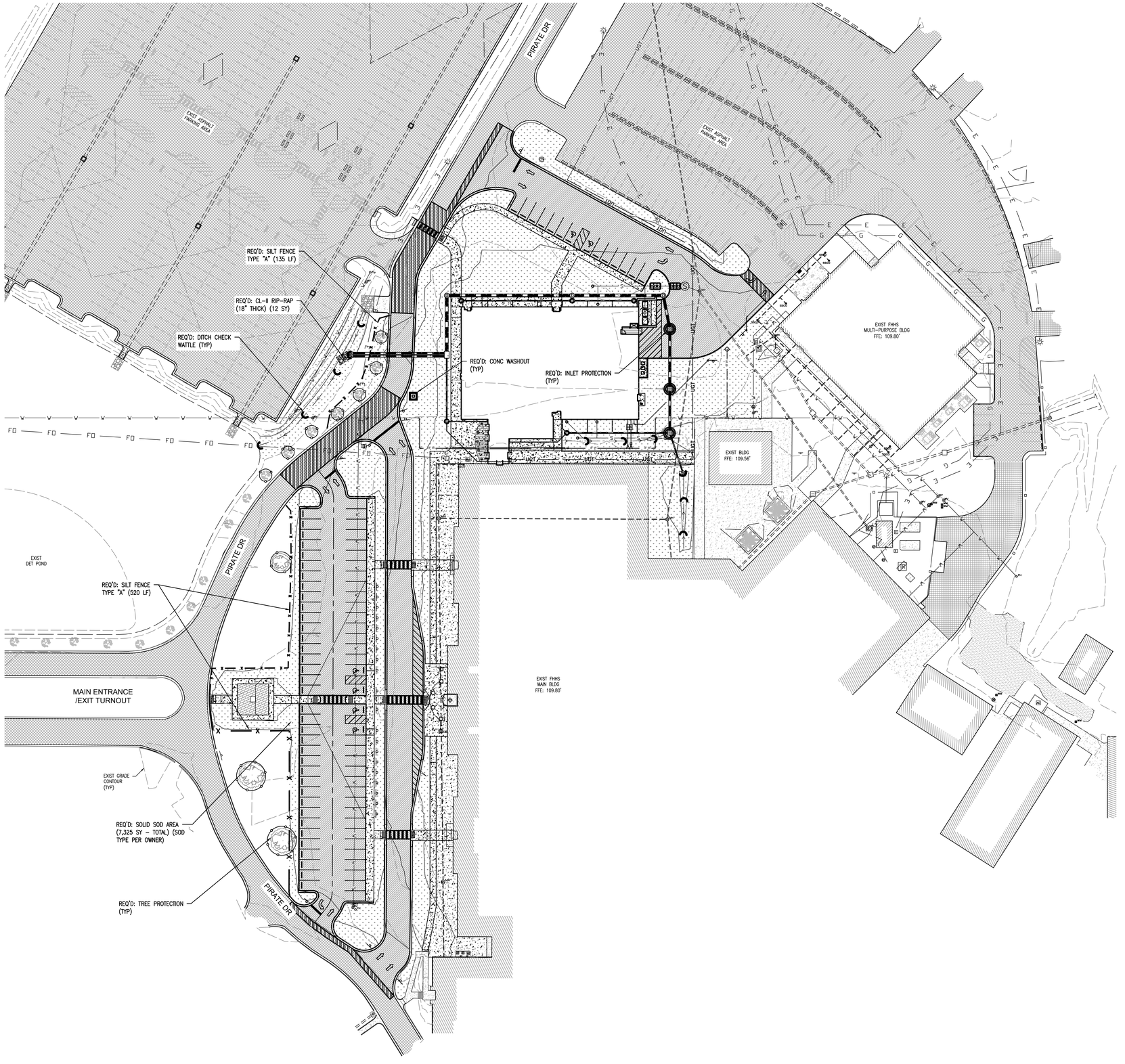
A. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPOIL DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREA SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.

B. THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE LOCAL JURISDICTIONAL INSPECTOR AND/OR PROFESSIONAL ENGINEER.

10. A COPY OF THE APPROVED LAND DISTURBANCE PLAN SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBING ACTIVITY IS IN PROGRESS.
11. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY THE ENGINEER OR LOCAL JURISDICTIONAL INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
12. ALL SLOPES SHALL BE STABILIZED AND VEGETATED AS SOON AS POSSIBLE. USE EROSION CONTROL BLANKET (ECB) WHERE GRASSING SLOPES ARE INTERMITTENT.
13. ALL CONSTRUCTION WASTE AND DEBRIS, SILT FENCES, HAY BALES, AND INLET PROTECTION AND OTHER TEMPORARY BMP'S HALL BE REMOVED FROM THE SITE UPON CONSTRUCTION COMPLETION.
14. INACTIVE PROJECTS (MORE THAN 7 DAYS) SHALL BE MULCHED IF INACTIVE FOR LESS THAN 60 DAYS. IF INACTIVE FOR MORE THAN 60 DAYS, DISTURBED AREAS SHALL BE SEEDED & MULCHED
15. COUNTY ENGINEER OR HIS OR HER DESIGNEE RESERVES THE RIGHT TO REQUIRE ADDITIONAL SOLID SODDING ABOVE AND BEYOND RETENTION, DETENTION AND CONVEYANCES IN ORDER TO FULLY STABILIZE THE PROJECT SITE.
16. ALL TESTING SHALL FOLLOW BALDWIN COUNTY TESTING GUIDELINES. TYPICALLY THE ROADS ARE NOT ACCEPTED FOR MAINTENANCE BY THE COUNTY AND THUS TESTING IS NOT REQUIRED IF THE ROADS ARE NOT ACCEPTED.

LEGEND

- PR INLET WATTLE PROTECTION
- PR DITCH CHECK WATTLE
- PR CONC WASHOUT
- PR TREE PROTECTION
- PR SLIT FENCE
- PR SOLID SOD AREA



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GRAPHIC SCALE

0 20 40 80

1 inch = 40 feet

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: EROSION CONTROL PLAN

ALABAMA LICENSED PROFESSIONAL ENGINEER 25-25 John H. Robertson

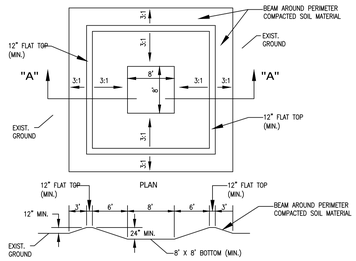
PROJ. MGR.:	JHR
DRAWN:	MJT
DATE:	03-25-2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: C-7.0

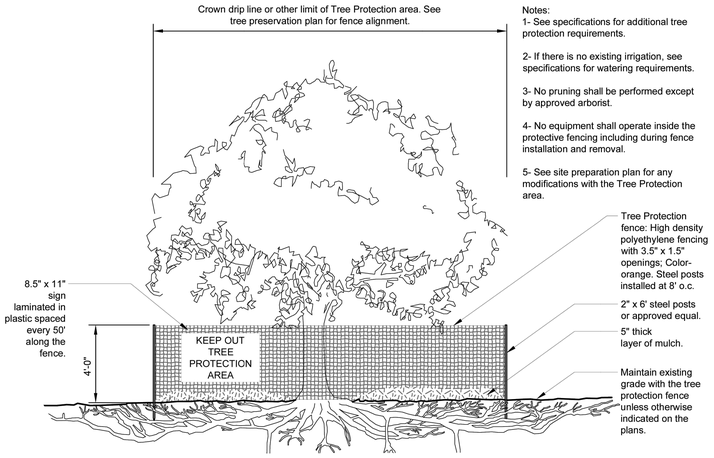
0 1" 2"

- S:\1-Clients\25-064 Fairhope HS Cafeteria & Parking Addition Latham-McKee Arch\CIVIL ENGINEERING\PRODUCTION DWGS\25-064-FHHS ADD GRAD-DRAIN-EC.dwg
- Wednesday, March 25, 2026 4:36:07 PM



CONCRETE WASHOUT AREA DETAILS

NTS



Notes:
1- See specifications for additional tree protection requirements.

2- If there is no existing irrigation, see specifications for watering requirements.

3- No pruning shall be performed except by approved arborist.

4- No equipment shall operate inside the protective fencing including during fence installation and removal.

5- See site preparation plan for any modifications with the Tree Protection area.

TREE PROTECTION DETAIL

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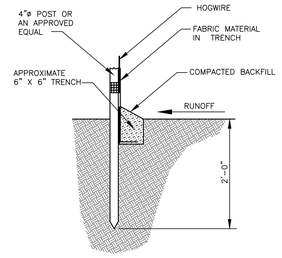
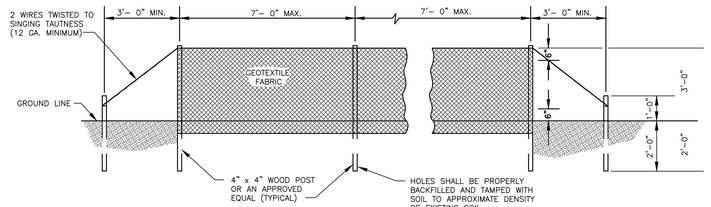


SECTION



SILT FENCE

TYPICAL SILT FENCE INSTALLATION

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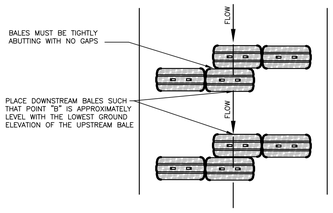
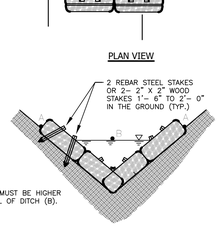
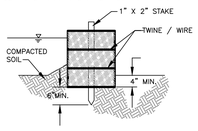


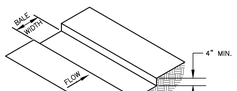
PLAN VIEW



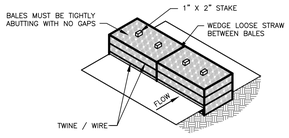
SECTION

NOTE:
THE END POINTS OF HAYBALES PLACED IN DITCHES MUST BE HIGHER THAN THE WATER FLOW OF THE DITCH.

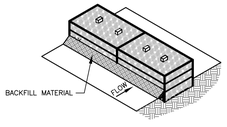




1. EXCAVATE THE TRENCH.



2. PLACE AND STAKE STRAW BALES.



3. BACKFILL AND COMPACT EXCAVATED SOIL.

TYPICAL STRAW BALE INSTALLATION

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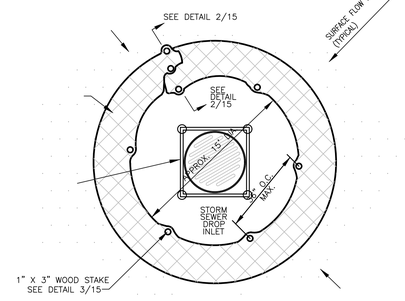
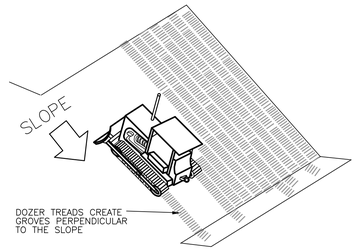


PLAN VIEW



SURFACE ROUGHENING

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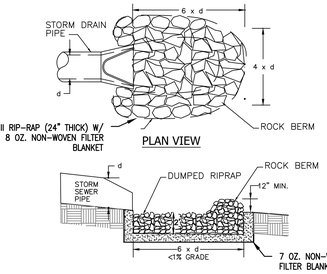
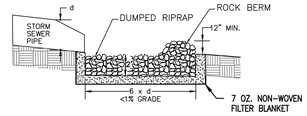


PLAN VIEW



SITE VIEW

RIPRAP OUTLET PROTECTION

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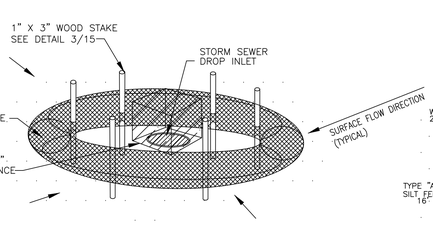

NOTE:
COST OF WOOD STAKES OR EQUAL SHALL BE INCLUDED IN COST OF WATTLES

DROP INLET PROTECTION

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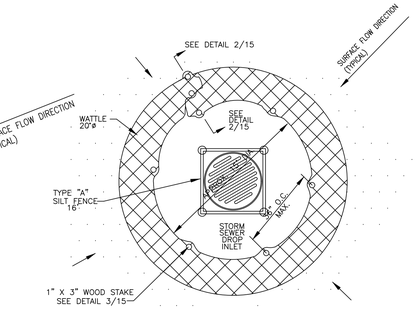
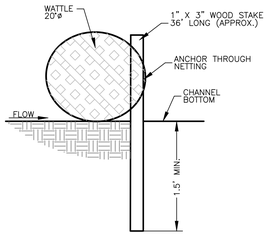


PLAN VIEW



STAKE DETAILS

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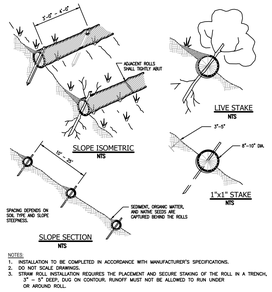
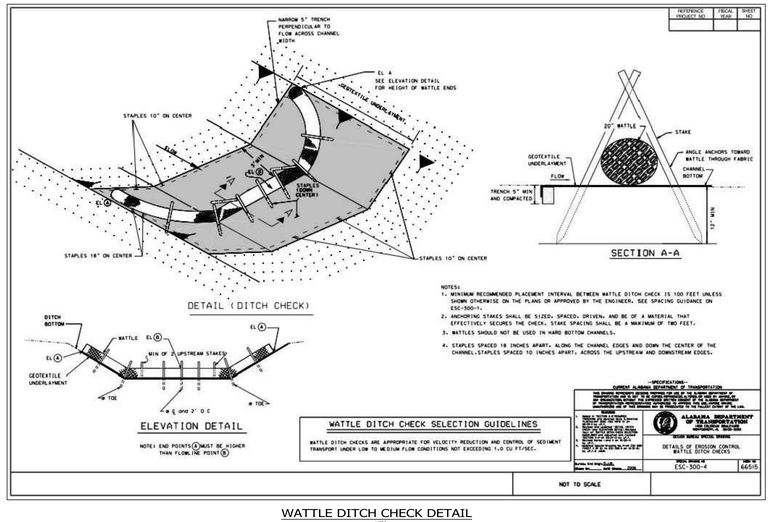


STRAW WATTLES

SLOPE STABILIZATION INSTALLATION DETAIL

NTS



WATTLE DITCH CHECK DETAIL

NTS

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900

LATHAN ▪ McKEE ARCHITECTS

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ONE PIRATE DRIVE
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ALABAMA LICENSED PROFESSIONAL ENGINEER 25 JS ENGINEER John H. Robertson

PROJ. MGR.: JHR
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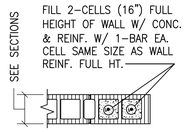
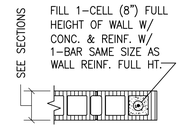
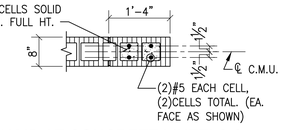


JAMB AT 16" HIGH CMU LINTELS BEARING 16"



JAMB AT 8" HIGH CMU LINTELS BEARING 8"

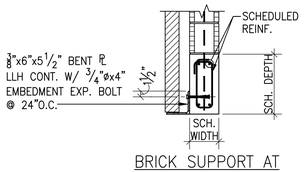
NOTE:
ALL JAMB REINF. SHALL BE CONT. THRU LINTEL. MAINTAIN 3" VERT. BAR SPACING WHERE BEAM HORIZ. REINF. PASSES BETWEEN VERT. BARS. MAINTAIN 1" CLEARANCE BETWEEN BEAM HORIZ. BARS.



JAMB AT CONCRETE LINTELS & 24" HIGH CMU U-BLOCK LINTELS

TYPICAL JAMB REINFORCING DETAILS

(UNLESS NOTED OTHERWISE ON DRAWINGS)



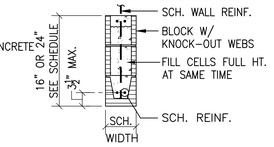
BRICK SUPPORT AT CONCRETE BEAM LINTEL

LINTEL SCHEDULE

MARK OR LOCATION	MAX. SPAN	TYPE	SIZE	REINFORCEMENT	REMARKS
BRICK	4'-0"	STEEL ANGLE	L4x4x1/4	-----	BEAR 8" EACH END
BRICK	6'-8"	STEEL ANGLE	L6x4x3/8	-----	LONG LEG VERTICAL BEAR 8" EACH END
BRICK	8'-8"	STEEL ANGLE	L7x4x3/8	-----	LONG LEG VERTICAL BEAR 12" EACH END
8"CMU	3'-4"	U-BLOCK	8"x8"	#5 TOP & BOTTOM	8" HIGH U-BLOCK
8"CMU	6'-8"	U-BLOCK	8"x16"	(2)#5 TOP & BOTTOM	16" HIGH U-BLOCK
8"CMU	8'-8"	U-BLOCK	8"x24"	(2)#5 TOP & BOTTOM	24" HIGH U-BLOCK
8"CMU	14'-0"	CONC. BEAM	7 5/8"x16"	(2)#5 TOP & BOTTOM #3 @ 6"O.C.	BEAR 16" EACH END SEE NOTE 3
8"CMU	18'-0"	CONC. BEAM	7 5/8"x24"	(2)#5 TOP & BOTTOM #3 @ 10"O.C.	BEAR 16" EACH END SEE NOTE 3

NOTES:

1 - UNLESS NOTED OTHERWISE, BEAR 8" HIGH U-BLOCKS 8" EA. END AND 16" AND 24" HIGH U-BLOCKS 16" EACH END. BEAR CONCRETE BEAMS 16" EACH END
2 - FILL CELLS WITH CONCRETE FULL HEIGHT AT U-BLOCK. BEARING FOR ENTIRE LENGTH OF BEARING & REINF. EA. CELL W/ BAR SAME SIZE AS WALL REINFORCING. VERTICAL REINF. SHALL BE CONTINUOUS THRU LINTEL AT BEARING.
3 - BEAR CONC. BEAMS 16" EA. END. USE REINF. BAR EA. FACE (8"O.C.= 4 BARS TOTAL EA. JAMB). SEE TYP. JAMB CONDITION @ CONC. BEAM LINTELS THIS SHEET.



16" & 24" HIGH U-BLOCK

FOOTING SCHEDULE

MARK	SIZE	DEPTH	REINFORCEMENT
(A)	3'-6" x 3'-6"	12"	3-#4 EA. WAY TOP 5-#4 EA. WAY BOT.*
(B)	5'-6" x 5'-6"	12"	5-#4 EA. WAY TOP 9-#4 EA. WAY BOT.
(C)	6'-6" x 6'-6"	14"	6-#4 EA. WAY TOP 8-#5 EA. WAY BOT.
(D)	7'-6" x 7'-6"	16"	7-#4 EA. WAY TOP 10-#5 EA. WAY BOT.

*- PROVIDE 180° HOOK EACH END OF BARS

GENERAL NOTES

FOUNDATION:
1. THE BEARING STRATA OF ALL FOOTINGS AND GRADE BEAMS SHALL BE INSPECTED AND APPROVED BY THE SOILS TESTING LABORATORY PRIOR TO PLACING THE REINFORCING STEEL AND CONCRETE.
2. ALL FOOTINGS SHALL BEAR ON AN UNDISTURBED SOIL STRATA OR COMPACTED FILL CAPABLE OF SUSTAINING THE LOADS.
3. FOOTINGS WERE DESIGNED FOR AN ASSUMED ALLOWABLE SOIL BEARING OF P = 2500 PSF. ALLOWABLE SOIL BEARING SHALL BE VERIFIED BY TESTING AGENCY PRIOR TO FOOTINGS BEING POURED.
4. ELEVATIONS SHOWN ON PLAN ARE TOP OF FOOTINGS AND ARE MINIMUM DEPTH. DIFFERENT OR UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT AND/OR ENGINEER.
5. ALL FOOTING REINFORCEMENT SHALL BE HELD SECURELY FROM THE GROUND. CONCRETE BLOCK AND BROKEN TILE SHALL NOT BE USED. CONCRETE OR CLAY BRICK MAY BE USED.
6. DOWEL ALL FOOTINGS AND WALLS WHERE THEY ABUT WITH SAME STEEL AS VERTICAL.
7. PROVIDE PREFORMED EXPANSION JOINT WHERE SHOWN.
8. IN FOOTINGS PROVIDE CORNER BARS AT ALL EXTERIOR BUILDING CORNERS.
9. DO NOT BACK FILL BEHIND FOUNDATION WALLS UNTIL TOP AND BOTTOM SLABS HAVE BEEN POURED AND ATTAINED THEIR DESIGN STRENGTHS.
10. BACK FILL BOTH SIDES OF FOUNDATION WALLS AT SAME TIME TO PREVENT OVERTURNING.
11. BACK FILL BEHIND ALL RETAINING WALLS SHALL BE AN APPROVED GRANULAR MATERIAL.

CONCRETE:
1. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH AT 28 DAYS OF F'c = 3000 PSI AND A MAXIMUM WATER-CEMENT RATIO OF 0.53. ALL CONCRETE FOR EXTERIOR APPLICATIONS SHALL CONTAIN ENTRAINED AIR. SEE SPECS FOR ADDITIONAL INFORMATION.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 OR ASTM A1064.
4. UNLESS NOTED OTHERWISE PROTECTIVE COVERING OF REINFORCEMENT SHALL BE AS FOLLOWS (SEE DETAILS) : FOOTINGS AND GRADE BEAMS 3" CLEAR BOTTOM AND SIDES, 1 1/2" CLEAR TOP. CONCRETE SLABS 3/4" CLEAR. WALLS 1 1/2" CLEAR SIDES. BEAMS 1 1/2" CLEAR TO STIRRUPS. FORMED CONCRETE COLUMNS 1 1/2" CLEAR TO TIES.
5. LAP ALL CONCRETE WALL VERTICAL REINFORCING AND CONCRETE BEAM HORIZONTAL REINFORCING WITH CLASS B LAP SPLICES. SPLICE TIE RODS WITH MECHANICAL SPLICES CAPABLE OF DEVELOPING 125% OF THE BAR YIELD STRENGTH. LAP ALL OTHER CONTINUOUS BARS WITH CLASS A SPLICES UNLESS NOTED OTHERWISE.
6. PLACING PLANS AND DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST "A.C.I. DETAILING MANUAL".
7. STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR THE ARCHITECT AND/OR ENGINEER'S REVIEW.
8. DO NOT RUN CONDUITS, RACEWAYS, OR PIPES IN CONCRETE SLABS, BEAMS, OR COLUMNS WITHOUT SPECIFIC APPROVAL FROM BLACKBURN DANIELS O'BARR.

MASONRY:
1. PROVIDE MASONRY HORIZONTAL JOINT REINFORCEMENT 16" O.C. VERTICAL IN ALL CONCRETE BLOCK WALLS. REINFORCEMENT SHALL BE FOR TOTAL WIDTH OF CAVITY WALLS.
2. WHERE CONCRETE OR STEEL BEAMS BEAR ON CONCRETE BLOCK WALLS, BLOCK CELLS SHALL BE FILLED WITH CONCRETE 1'-4" WIDE TO FOUNDATION AND REINFORCED WITH A #5 EACH CELL UNLESS NOTED OR DETAILED OTHERWISE.
3. CONCRETE OR GROUT FOR BLOCK FILL SHALL HAVE 3/8 INCH MAXIMUM SIZE COARSE AGGREGATE AND SUFFICIENT WATER SO THE CONCRETE WILL FLOW INTO THE BLOCK CELLS WITHOUT LEAVING VOIDS. HEIGHT OF LIFT WHEN FILLING CELLS SHALL NOT EXCEED 4'-0".
4. CONCRETE OR GROUT FILL FOR C.M.U. SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF F'c = 3000 PSI. ON 16" AND DEEPER U-BLOCKS, FILL CELLS FULL HEIGHT OF LINTEL AT SAME TIME.
5. ANCHOR ALL MASONRY WALLS TO STEEL COLUMNS WITH STRAP ANCHORS AT 16" O.C. VERTICALLY UNLESS SHOWN OTHERWISE.
6. UNLESS INDICATED OTHERWISE PROVIDE KEYED RUBBER MASONRY CONTROL JOINTS AT A MAXIMUM SPACING OF 25'-4". JOINT SHALL BE DISCONTINUOUS AT BOND BEAM. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
7. PROVIDE REINFORCING BAR SUPPORTS TO CENTER VERTICAL REINFORCING IN MASONRY WALLS.
8. PROVIDE 48 DIAMETER LAP SPLICE IN VERTICAL MASONRY REINFORCING.
9. PROVIDE CORNER BARS IN U-BLOCK BOND BEAMS AT CORNERS, TYPICAL.
10. ALL CMU SHALL BE PLACED IN A RUNNING BOND PATTERN UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
11. VERTICAL REINFORCING SHALL BE CONTINUOUS THROUGH BOND BEAMS AND LINTELS (CUT OUT OR NOTCH BOTTOM OF U-BLOCKS AS REQUIRED -- DO NOT SUBSTITUTE BLOCK WITH KNOCK-OUT WEBS WHERE STANDARD U-BLOCK IS INDICATED). FOR BOND BEAMS AT TOP OF WALL, EXTEND VERTICAL REINFORCING TO 1" CLEAR TOP OF BOND BEAM.
12. UNLESS NOTED OTHERWISE, EXPANSION BOLTS FOR GROUT-FILLED CMU SHALL BE HILTI KWIK BOLT 3 OR APPROVED EQUAL AND SLEEVE ANCHORS FOR HOLLOW CMU SHALL BE HILTI HLC OR APPROVED EQUAL.

STRUCTURAL STEEL:
1. ALL STRUCTURAL STEEL W AND WT SHAPES SHALL CONFORM TO ASTM A992 (GRADE 50). OTHER SHAPES (EXCEPT TUBE SECTIONS) SHALL CONFORM TO ASTM, A36, LATEST EDITION.
2. STRUCTURAL STEEL TUBE SECTIONS SHALL CONFORM TO ASTM A500, GRADE B, Fy = 46.0 KSI.
3. HEADED STUDS SHALL BE TYPE B SHEAR CONNECTORS (Fu = 65 KSI).
4. STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR THE ARCHITECT AND/OR ENGINEER'S REVIEW.
5. THE CONTRACTOR SHALL VERIFY ALL SHOP DRAWINGS DIMENSIONS WITH STRUCTURAL AND ARCHITECTURAL PLANS AND DETAILS.
6. BOLTED CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH BOLTS CONFORMING TO ASTM A325. USE 3/4 INCH DIAMETER MINIMUM.
7. CONNECTIONS NOT SHOWN ON DRAWINGS SHALL BE DESIGNED BY THE FABRICATOR. WHERE POSSIBLE USE DOUBLE ANGLE CONNECTIONS. USE MAXIMUM NUMBER OF BOLTS FOR DEPTH OF BEAM WITH SINGLE ROW OF BOLTS.
8. FOR DBL-ANGLE CONNECTIONS, MIN ANGLE THICKNESS SHALL BE 5/16" FOR 3/4 INCH DIAMETER BOLTS AND 3/8" FOR 7/8 INCH DIAMETER BOLTS AND LARGER.
9. UNLESS SHOWN OTHERWISE PROVIDE 1/2 X 7 1/2 X 7 1/2 BEARING PLATES ON 1 INCH GROUT WITH 2-3/4" DIAMETER ANCHOR BOLTS UNDER ALL STEEL BEAMS THAT BEAR ON MASONRY WALLS.

PRE-ENGINEERED METAL BUILDING:
1. THE COMPLETE DESIGN OF METAL BUILDING INCLUDING ALL COMPONENTS SHOWN OR NOT SHOWN ON THE DRAWINGS SHALL BE ACCOMPLISHED BY THE BUILDING MANUFACTURER.
2. THE DESIGN SHALL BE MADE BY A REGISTERED ENGINEER, REGISTERED IN THE STATE OF ALABAMA AND HE SHALL AFFIX HIS REGISTRATION NUMBER TO ALL SHOP DRAWINGS AND CALCULATIONS.
3. THE BUILDING AND ALL OF ITS COMPONENTS SHALL BE DESIGNED FOR THE FOLLOWING DEAD AND LIVE LOADS;
   a.) ACTUAL WEIGHT OF STEEL STRUCTURE.
   b.) 10 PSF DEAD (COLLATERAL) LOAD IN ADDITION TO ACTUAL WEIGHT OF STRUCTURE AND ROOFING MATERIALS.
   c.) 20 PSF ROOF LIVE LOAD.
   d.) ANY ADDITIONAL LOADS AND REACTIONS THAT ARE SHOWN ON THE DRAWINGS.
   e.) WIND LOADING AS REQUIRED BY INTERNATIONAL BUILDING CODE.
4. NO LIVE LOAD REDUCTION SHALL BE TAKEN FOR THE DESIGN OF THE RIGID FRAMES.
5. WHERE MEMBER SIZES AND GAGES ARE SHOWN THEY SHALL BE CONSIDERED A MINIMUM SIZE. THE MANUFACTURER SHALL NOT USE SMALLER SIZE OR LIGHTER GAGES, OR OMIT FRAMING WHERE INDICATED. HE SHALL USE ONLY LARGER SIZE AND HEAVIER GAGES IF HIS DESIGN INDICATES THESE ARE REQUIRED TO MEET THE LOADING CRITERIA
6. THE DEFLECTION OF GIRTS SHALL BE LIMITED TO 1/360 OF THE SPAN AND DEFLECTION OF PURLINS SHALL BE LIMITED TO 1/240 OF THE SPAN. DEFLECTION OF RIGID FRAMES SHALL BE LIMITED TO 1/240 OF THE SPAN. DEFLECTIONS SHALL BE BASED ON TOTAL LOAD (DEAD PLUS LIVE LOADS). TOTAL RIGID FRAME DRIFT SHALL BE LIMITED TO H/360, WHERE H IS EQUAL TO THE EAVE HEIGHT.
7. COLUMN BASES SHALL BE DESIGNED AS PINNED CONNECTIONS. MOMENTS AT COLUMN BASE PLATES ARE NOT ACCEPTABLE.
8. PROVIDE ROD X-BRACING (WITH COLUMN STIFFENERS OR BRACES AS REQUIRED) TO TRANSFER SHEAR INTO HSS GIRTS AT TOP OF CMU SHEAR WALLS.

CODES:
ALL PARTS SHALL BE FURNISHED AND ERECTED ACCORDING TO THE APPLICABLE CODES AND SPECIFICATIONS OF THE FOLLOWING:
AMERICAN CONCRETE INSTITUTE (ACI)
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
AMERICAN WELDING SOCIETY (AWS)
OSHA STEEL ERECTION STANDARD (OSHA)
INTERNATIONAL BUILDING CODE (IBC 2021) (ICC)

DESIGN LIVE LOADS:
ROOF.....20 PSF
WIND.....INTERNATIONAL BUILDING CODE (PER ASCE 7-16)
WIND EXPOSURE.....C
RISK CATEGORY (PER IBC 2021/ASCE 7-16).....III
ULTIMATE DESIGN WIND SPEED (Vult).....168 MPH
NOMINAL DESIGN WIND SPEED (Vasd).....130 MPH
INTERNAL PRESSURE COEFFICIENTS.....+/-0.18
SEISMIC.....INTERNATIONAL BUILDING CODE (PER ASCE 7-16)
SEISMIC IMPORTANCE FACTOR.....Ie=1.25
MAPPED SPECTRAL ACCELERATION (SHORT-TERM).Ss=0.089g
MAPPED SPECTRAL ACCELERATION (1-SECOND)...S1=0.057g
SITE CLASS.....D
SHORT-PERIOD SPECTRAL RESPONSE ACCEL.....Sds=0.095g
1-SECOND SPECTRAL RESPONSE ACCEL.....Sd1=0.092g
SEISMIC DESIGN CATEGORY.....B
SEISMIC FORCE-RESISTING SYSTEM(S):
STEEL RIGID MOMENT FRAMES
STEEL ROD X-BRACING
CMU SHEAR WALLS
DESIGN BASE SHEAR (ULTIMATE).....30.5k
SEISMIC RESPONSE COEFFICIENT.....Cs=0.040
RESPONSE MODIFICATION FACTOR.....R=3
ANALYSIS PROCEDURE.....ASCE 7 (SECT 12.8)
SNOW.....INTERNATIONAL BUILDING CODE
GROUND SNOW LOAD.....Pg=0 PSF

COMPONENTS AND CLADDING ULTIMATE WIND PRESSURES:
NOTE: MULTIPLY ALL VALUES SHOWN BELOW BY 0.6 TO GET ALLOWABLE DESIGN PRESSURES.
SEE FIGURE 30.4-1 OF ASCE 7-16 FOR INDICATED ZONES

PITCHED ROOF:TRIBUTARY AREA A = 10 SF
ZONE 1: -129.6 PSF/42.5 PSF
ZONE 2e: -129.6 PSF/42.5 PSF
ZONE 2n: -189.1 PSF/42.5 PSF
ZONE 2r: -189.1 PSF/42.5 PSF
ZONE 3e: -189.1 PSF/42.5 PSF
ZONE 3r: -224.7 PSF/42.5 PSF
PITCHED ROOF:TRIBUTARY AREA A = 100 SF
ZONE 1: -40.5 PSF/28.5 PSF
ZONE 2e: -40.5 PSF/28.5 PSF
ZONE 2n: -104.0 PSF/28.5 PSF
ZONE 2r: -104.0 PSF/28.5 PSF
ZONE 3e: -104.0 PSF/28.5 PSF
ZONE 3r: -117.7 PSF/28.5 PSF
WALL:TRIBUTARY AREA A = 10 SF
ZONE 4: -76.1 PSF/70.2 PSF
ZONE 5: -93.9 PSF/70.2 PSF
WALL:TRIBUTARY AREA A = 50 SF
ZONE 4: -68.8 PSF/62.9 PSF
ZONE 5: -79.2 PSF/62.9 PSF
WALL:TRIBUTARY AREA A = 100 SF
ZONE 4: -65.6 PSF/59.7 PSF
ZONE 5: -73.0 PSF/59.7 PSF
CORNER ZONE = 10.8 FT

LOW-SLOPE/FLAT ROOF: TRIBUTARY AREA A = 10 SF
ZONE 1: -112 PSF/28.5 PSF
ZONE 2: -148 PSF/28.5 PSF
ZONE 3: -201 PSF/28.5 PSF
ZONE 1': -64.3 PSF/28.6 PSF

LOW-SLOPE/FLAT ROOF: TRIBUTARY AREA A = 100 SF
ZONE 1: -87.4 PSF/22.6 PSF
ZONE 2: -116 PSF/22.6 PSF
ZONE 3: -138 PSF/22.6 PSF
ZONE 1': -64.3 PSF/22.6 PSF

SPECIAL INSPECTIONS:
ALL SPECIAL INSPECTIONS REQUIRED BY CHAPTER 17 OF IBC SHALL BE PERFORMED BY A DESIGNATED TESTING AGENCY OR AGENCIES RESPONSIBLE FOR SPECIAL INSPECTIONS.

WIND REQUIREMENTS FOR SPECIAL INSPECTIONS:
1. THE FOLLOWING STRUCTURAL COMPONENTS ARE DESIGNATED AS WIND SYSTEMS AND/OR PART OF THE MAIN WINDFORCE-RESISTING SYSTEM OF THE BUILDING AND ARE SUBJECT TO THE REQUIREMENTS OF SECTION 1705.12 OF IBC 2021 AND PROJECT SPECIFICATIONS:
   ROOF DIAPHRAGM SYSTEM AND ATTACHMENT
   STEEL MOMENT FRAMES AND ROD X-BRACING INCLUDING CONNECTIONS
   CMU WALLS INCLUDING ANCHORAGE TO FOUNDATION
   THESE SPECIFIC COMPONENTS ARE IN ADDTION TO ALL GENERAL COMPONENTS LISTED IN SECTION 1705.12 OF IBC 2021 AND ARE SUBJECT TO ALL SPECIAL INSPECTIONS AND TESTING AS REQUIRED BY CHAPTER 17 OF IBC 2021, PROJECT SPECIFICATIONS, AND SCHEDULE OF SPECIAL INSPECTIONS. SPECIAL INSPECTION REPORTS SHALL BE SUBMITTED AS PER THE STATEMENT OF SPECIAL INSPECTIONS.
2. OTHER ARCHITECTURAL COMPONENTS AND THEIR ANCHORAGES MAY ALSO BE DESIGNATED AS WIND-RESISTING COMPONENTS. SEE OTHER DISCIPLINE'S DRAWINGS AND SPECIFICATIONS.

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: GENERAL NOTES AND SCHEDULES

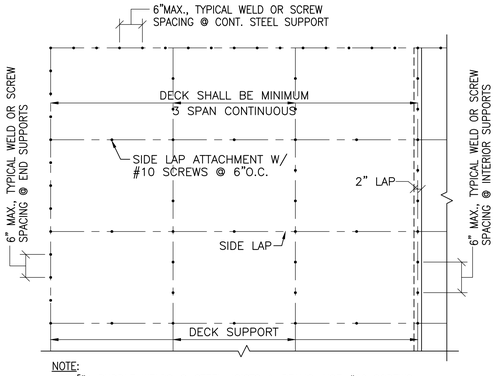
ALABAMA REGISTERED NO. 22214 PROFESSIONAL ENGINEER RICHARD MARK OSBORN
3-25-26

PROJ. MGR.:	RMO
DRAWN:	RAS
DATE:	3-25-2026
REVISIONS	

JOB NO. 25-160B
SHEET NO: S0.1

0 16" 32"

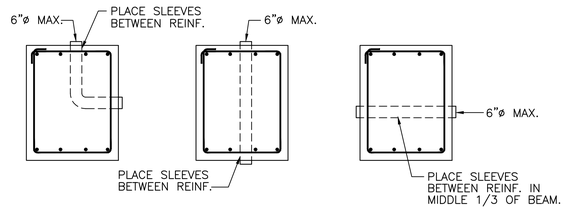
- Tuesday, March 24, 2026 4:06:15 PM



NOTE:
USE $\frac{5}{8}$"ø PUDDLE WELDS @ STEEL JOISTS & BEAMS. USE #12 SCREWS IN LIEU OF WELDS @ COLD-FORMED METAL TRUSSES

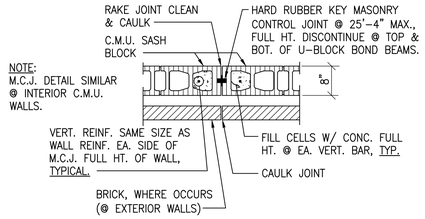
TYPICAL ROOF DECK ATTACHMENT REQUIREMENTS AT CONNECTING CORRIDOR

NO SCALE



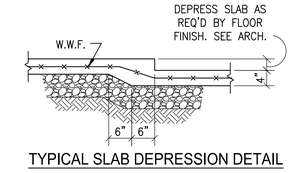
TYPICAL PLUMBING SLEEVE IN GRADE BEAM DETAILS

NOTES:
1. ALL SLEEVES PLACED IN GRADE BEAMS SHALL BE MADE W/ SCHEDULE 40 STEEL PIPE. PROVIDE 3"ø STEEL PIPE SLEEVES @ 2"ø PLUMBING PIPES & 6"ø SLEEVES @ 4"ø PLUMBING PIPES.
2. PLACE PLUMBING PIPE OUTSIDE OF GRADE BEAMS & BELOW GRADE BEAMS WHERE POSSIBLE. ONLY SLEEVE GRADE BEAM WHEN THIS IS NOT POSSIBLE.
3. ALL SLEEVES PENETRATING VERTICALLY THRU TOP OR BOTTOM OF BEAM SHALL REQUIRE APPROVAL FROM BLACKBURN DANIELS O'BARR INC. ALL OTHER PENETRATIONS SHALL BE SUBJECT TO APPROVAL AS DEEMED NECESSARY BY BLACKBURN DANIELS O'BARR.

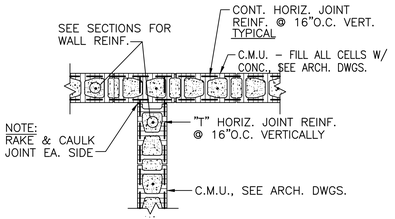


NOTE:
M.C.J. DETAIL SIMILAR @ INTERIOR C.M.U. WALLS.

TYPICAL MASONRY CONTROL JOINT (M.C.J.)

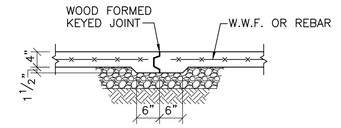


TYPICAL SLAB DEPRESSION DETAIL

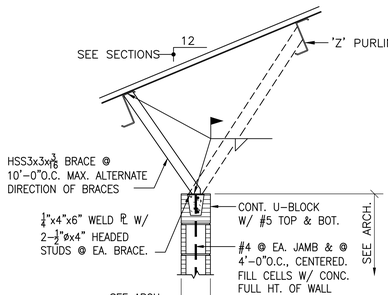


NOTE:
RAKE & CAULK JOINT EA. SIDE

TYPICAL DETAIL AT WALL INTERSECTION

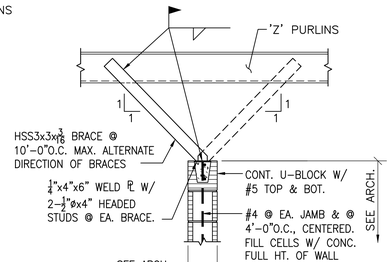


TYPICAL SLAB CONSTRUCTION JOINT DETAIL-(C.J.)



NOTE:
WHERE INTERSECTING PARTITIONS ARE LESS THAN 10'-0" APART, BRACES MAY BE OMITTED.

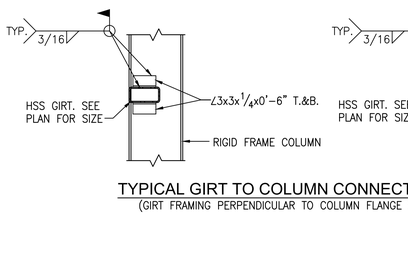
WALL PARALLEL TO PURLINS



NOTE:
AT EXPOSED AREAS, BRACE WALLS TO ONE SIDE ONLY (ABOVE LOW CEILING)

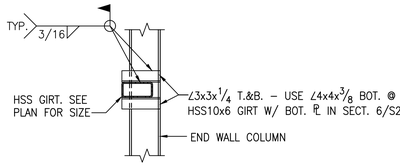
NOTE:
WHERE INTERSECTING PARTITIONS ARE LESS THAN 10'-0" APART, BRACES MAY BE OMITTED.

WALL PERPENDICULAR TO PURLINS

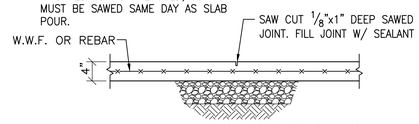


TYPICAL GIRT TO COLUMN CONNECTION DETAIL

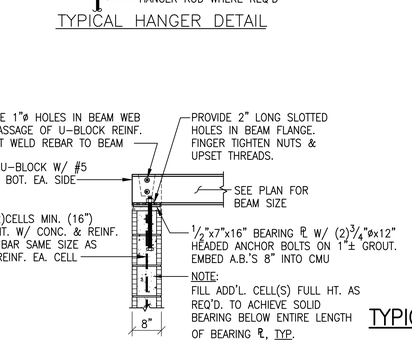
(GIRT FRAMING PERPENDICULAR TO COLUMN FLANGE SIMILAR)



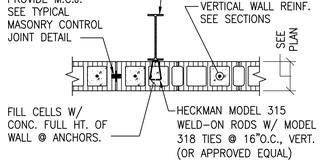
NOTE:
IF SAWED JOINTS ARE USED, JOINTS MUST BE SAWED SAME DAY AS SLAB POUR.



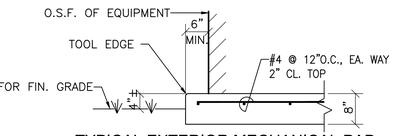
ALTERNATE SLAB CONSTRUCTION JOINT DETAIL (SAWED JOINT)



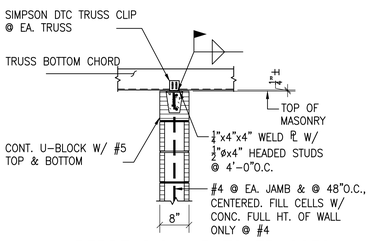
TYPICAL HANGER DETAIL



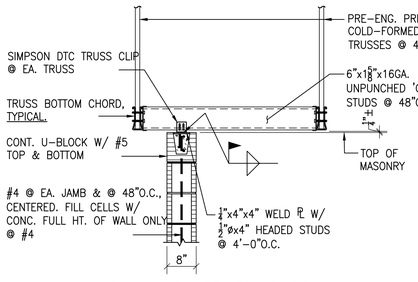
C.M.U. WALL BYPASSING COLUMN



TYPICAL EXTERIOR MECHANICAL PAD



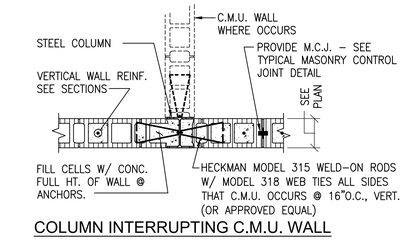
WALL PERPENDICULAR TO TRUSSES



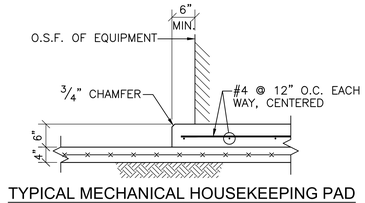
WALL PARALLEL TO TRUSSES

TYPICAL HIGH BEAM BEARING PARALLEL TO CMU WALL

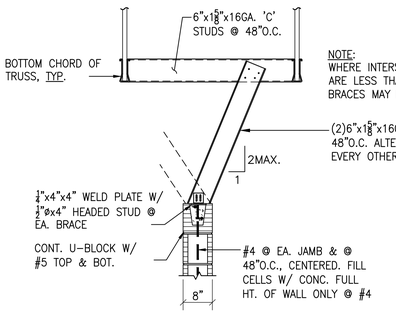
TYPICAL COLUMN-C.M.U. WALL ANCHORAGE DETAILS



COLUMN INTERRUPTING C.M.U. WALL

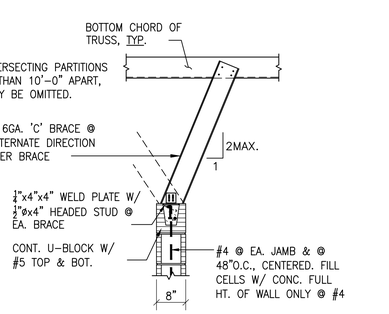


TYPICAL MECHANICAL HOUSEKEEPING PAD



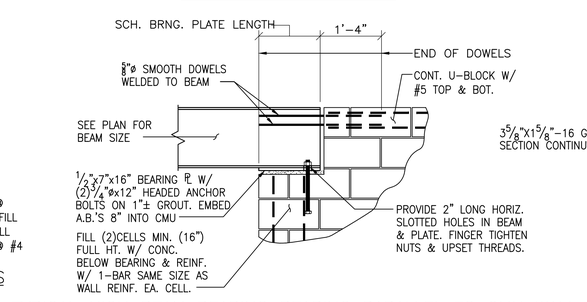
NOTE:
WHERE INTERSECTING PARTITIONS ARE LESS THAN 10'-0" APART, BRACES MAY BE OMITTED.

WALL PARALLEL TO TRUSSES

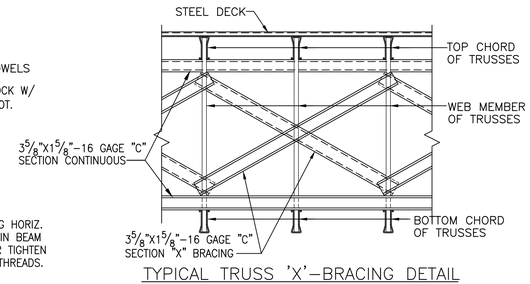


WALL PERPENDICULAR TO TRUSSES

TYPICAL NON-BEARING C.M.U. WALL ANCHORAGE DETAIL AT COLD-FORMED STEEL TRUSSES

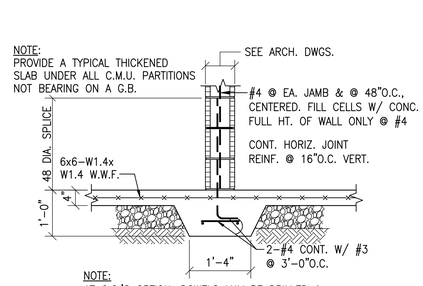


TYPICAL HIGH BEAM BEARING BEARING PARALLEL TO CMU WALL



TYPICAL TRUSS 'X'-BRACING DETAIL

NOTE:
WHERE "PIGGYBACK" TRUSSES OCCUR, PROVIDE ADDITIONAL (SEPARATE) VERTICAL 'X' BRACING FOR "PIGGYBACKS"



NOTE:
PROVIDE A TYPICAL THICKENED SLAB UNDER ALL C.M.U. PARTITIONS NOT BEARING ON A G.B.

NOTE:
AT G.C.'S OPTION, DOWELS MAY BE DRILLED & EPOXY GROUTED 6" INTO THICKENED SLAB

TYPICAL THICKENED SLAB DETAIL

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: TYPICAL DETAILS

ALABAMA REGISTERED NO. 22214 PROFESSIONAL ENGINEER
RICHARD MARY O'BARR
3-25-26

PROJ. MGR.:	RMO
DRAWN:	RAS
DATE:	3-25-2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: S0.2

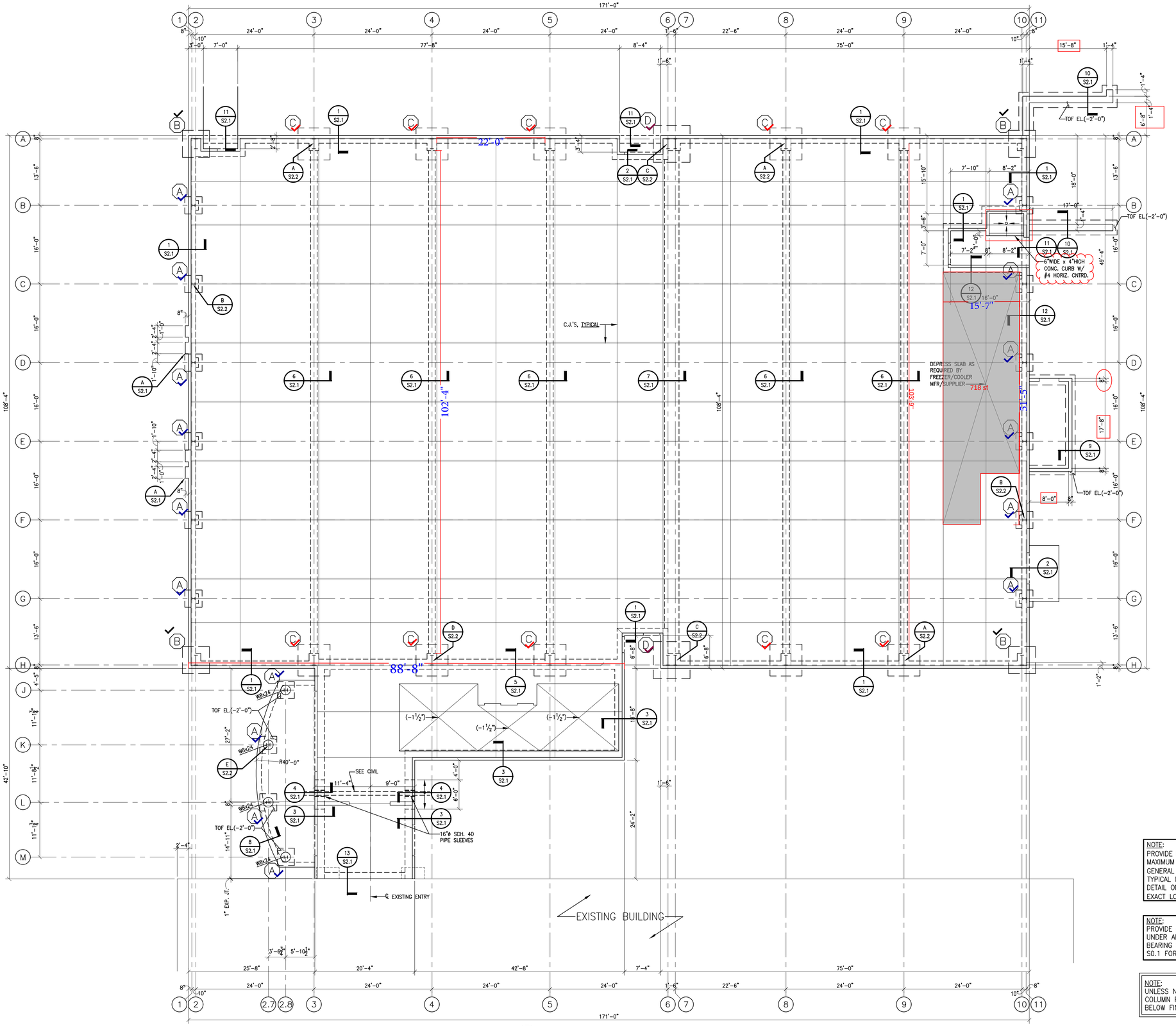
0 16" 32"

- Tuesday, March 24, 2026 4:06:16 PM

170' 0"

108' 4"

42' 10"



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

NOTE:
PROVIDE M.C.J.'S @ 25'-4" MAXIMUM SPACING. SEE MASONRY GENERAL NOTE "6" ON SHT. S0.1 & TYPICAL MASONRY CONTROL JOINT DETAIL ON SHEET S0.1. COORDINATE EXACT LOCATIONS W/ ARCH.

NOTE:
PROVIDE A TYPICAL THICKENED SLAB UNDER ALL C.M.U. PARTITIONS NOT BEARING ON A FOOTING. SEE SHEET S0.1 FOR TYPICAL DETAIL.

NOTE:
UNLESS NOTED OTHERWISE, TOP OF COLUMN FOOTING EL. = (-2'-8") BELOW FINISH FLOOR

FLOOR CONSTRUCTION
4" THICK CONCRETE SLAB W/ 6x6-W1.4xW1.4 W.W.F. OVER VAPOR BARRIER OVER 6" POROUS FILL.
FINISH FLOOR ELEVATION = 109'-9½"

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: FOUNDATION PLAN

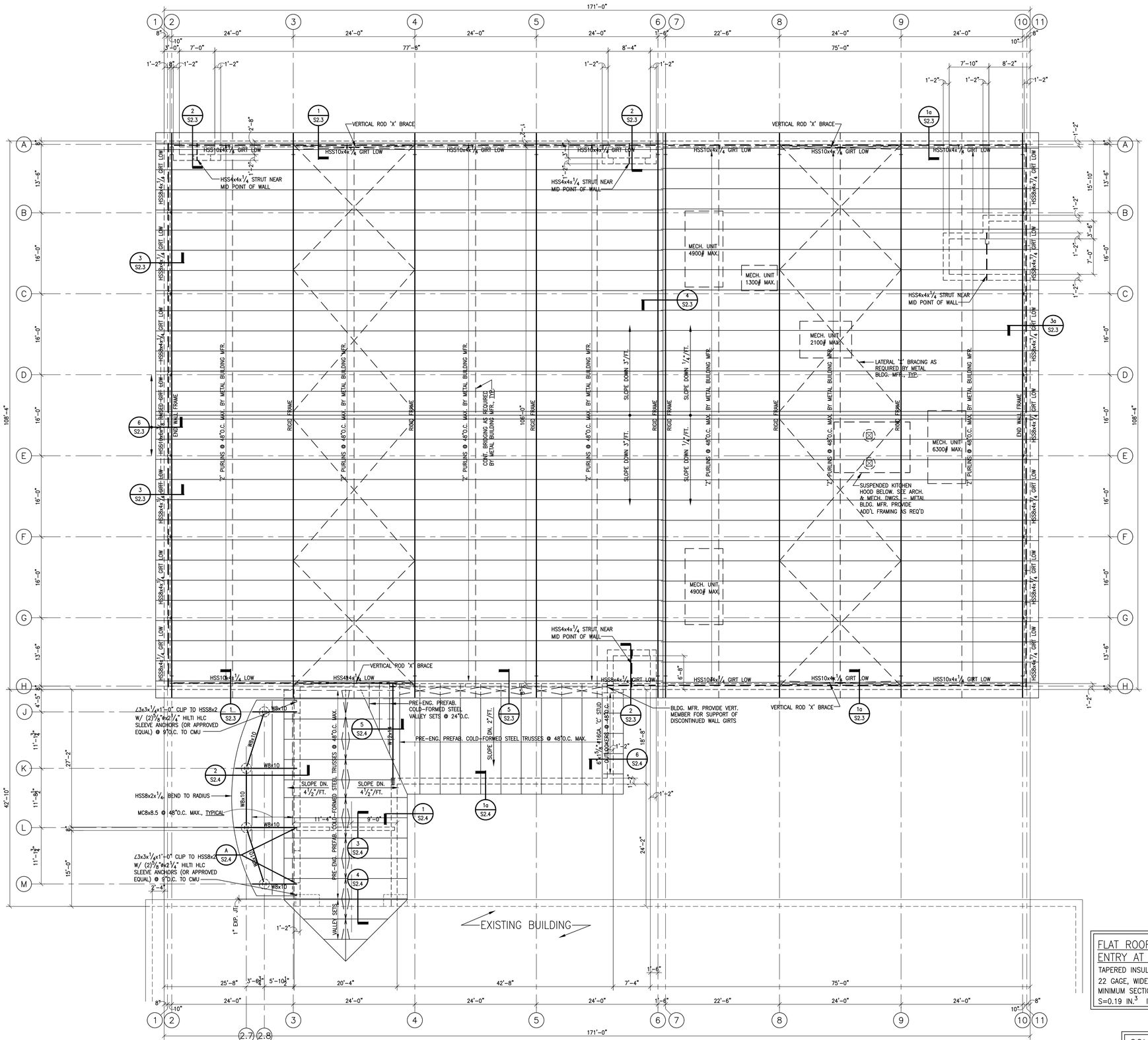
ALABAMA REGISTERED NO. 22214 PROFESSIONAL ENGINEER RICHARD MARK SCHLOSSER
3-25-26

PROJ. MGR.:	RMO
DRAWN:	RAS
DATE:	3–25–2026
REVISIONS	

JOB NO. 25-160B
SHEET NO: S1.1

0 8' 16'

- S:\Lathan Mckee\Fairhope HS Improvements (New Cafeteria-Kitchen)\S-Fairhope HS Cafeteria addn - PLANS.dwg
- Tuesday, March 24, 2026 4:06:19 PM



ROOF FRAMING PLAN

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

NOTE:
PROVIDE M.C.J.'S @ 25'-4" MAXIMUM SPACING. SEE MASONRY GENERAL NOTE "6" ON SHT. S0.1 & TYPICAL MASONRY CONTROL JOINT DETAIL ON SHEET S0.1. COORDINATE EXACT LOCATIONS W/ ARCH.

NOTE:
SEE MECHANICAL DRAWINGS FOR ROOF-TOP MECHANICAL UNITS (SIZES, LOCATIONS, AND WEIGHTS). PRE-ENG. MTL. BLDG. MFR. PROVIDE ADDITIONAL FRAMING AS REQUIRED TO SUPPORT MECHANICAL UNITS & KITCHEN HOODS. VERIFY ALL WEIGHTS WITH EQUIPMENT MANUFACTURER

FLAT ROOF CONSTRUCTION AT COVERED ENTRY AT CONNECTING CORRIDOR

TAPERED INSULATION OVER 1 1/2" DEEP,
22 GAGE, WIDE RIB STEEL DECK W/ THE FOLLOWING MINIMUM SECTION PROPERTIES PER FOOT OF WIDTH:
S=0.19 IN.^{3} I$^+$ =0.16 IN.^{4} I$^-$ =0.18 IN.^{4}

COLD-FORMED STEEL TRUSS ROOF CONSTRUCTION

STANDING SEAM METAL ROOF OVER 1 1/2" DEEP, 22 GAGE, WIDE RIB STEEL DECK W/ THE FOLLOWING MINIMUM SECTION PROPERTIES PER FOOT OF WIDTH:
S=0.19 IN.^{3} I$^+$=0.16 IN.^{4} I$^-$=0.18 IN.^{4}
OVER PRE-ENGINEERED PREFABRICATED COLD-FORMED STEEL TRUSSES @ 48"O.C. MAX.

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: ROOF FRAMING PLAN

ALABAMA REGISTERED NO. 22214 PROFESSIONAL ENGINEER RICHARD MARK OSBORN
3-25-26

PROJ. MGR.:	RMO
DRAWN:	RAS
DATE:	3-25-2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: S1.2

0 8' 16'

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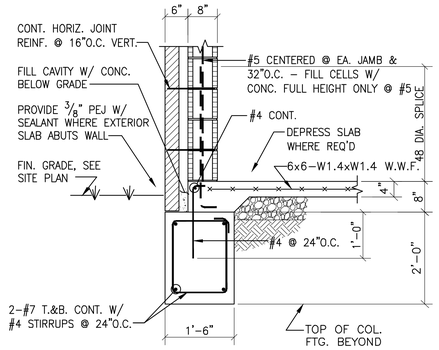
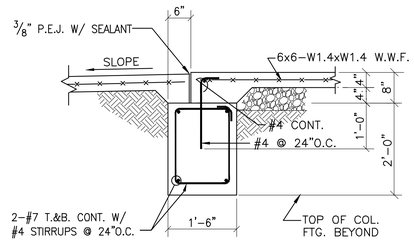


SECTION 3/4"=1'–0" (1 S2.1)



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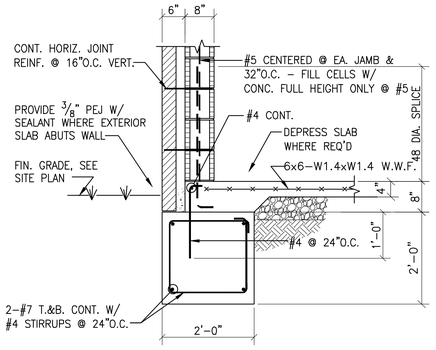
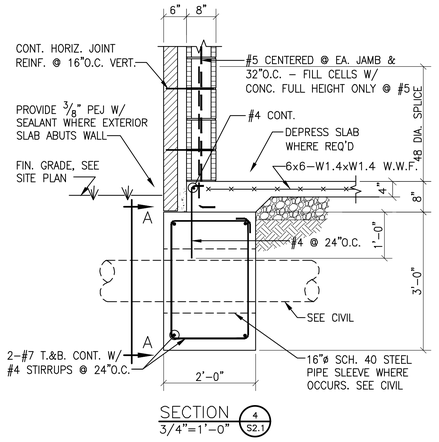


SECTION 3/4"=1'–0" (3 S2.1)



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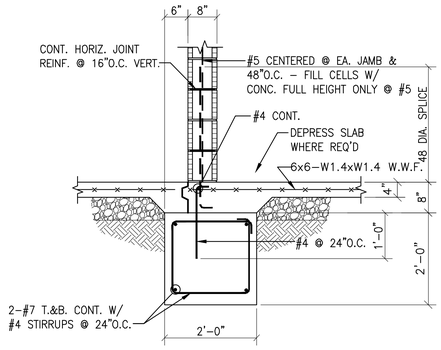
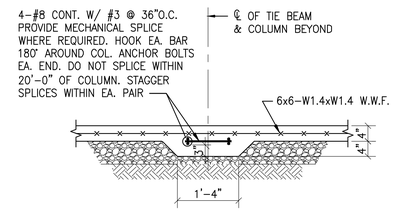
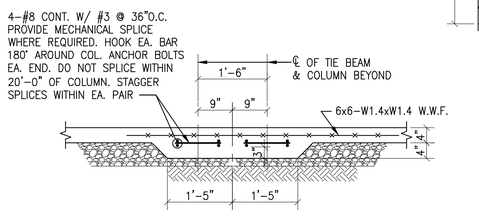


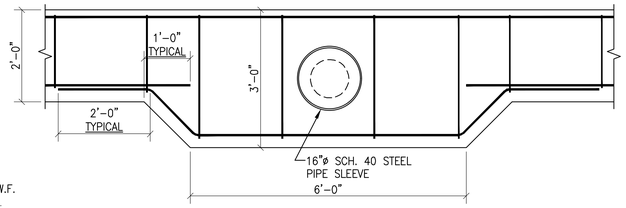
SECTION 3/4"=1'–0" (5 S2.1)



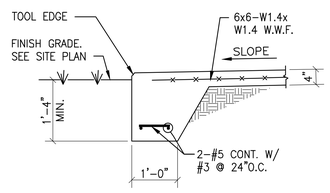
SECTION 3/4"=1'–0" (6 S2.1)



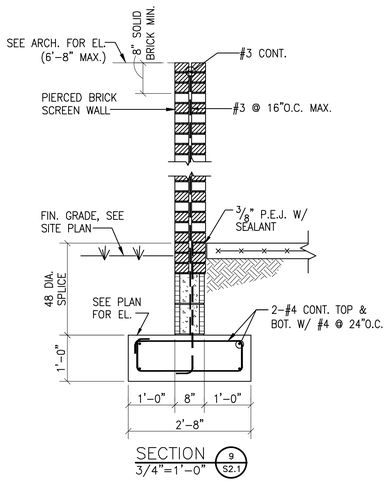
SECTION 3/4"=1'–0" (7 S2.1)



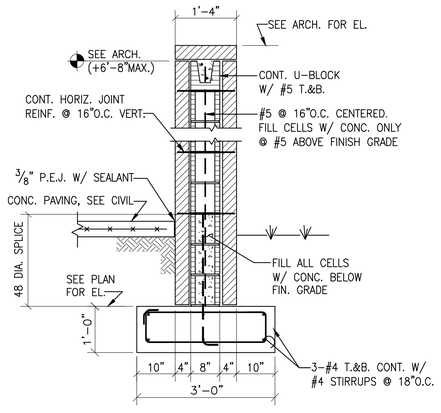
VIEW A–A



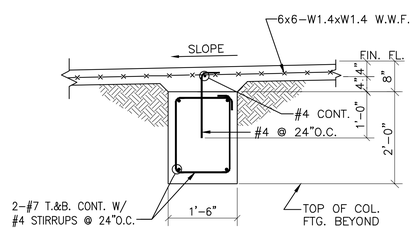
SECTION 3/4"=1'–0" (8 S2.1)



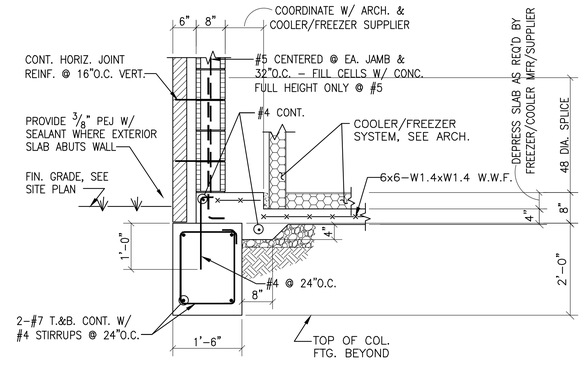
SECTION 3/4"=1'–0" (9 S2.1)



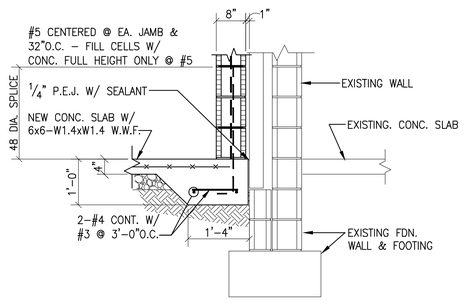
SECTION 3/4"=1'–0" (10 S2.1)



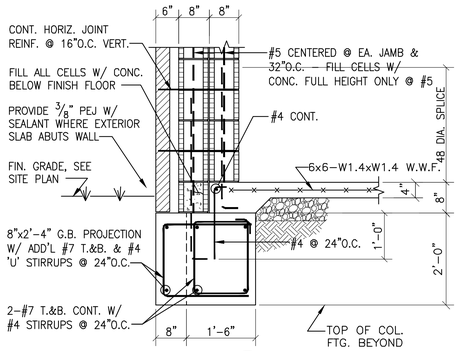
SECTION 3/4"=1'–0" (11 S2.1)



SECTION 3/4"=1'–0" (12 S2.1)



SECTION 3/4"=1'–0" (13 S2.1)



DETAIL A 3/4"=1'–0" (A S2.1)

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: SECTIONS AND DETAILS

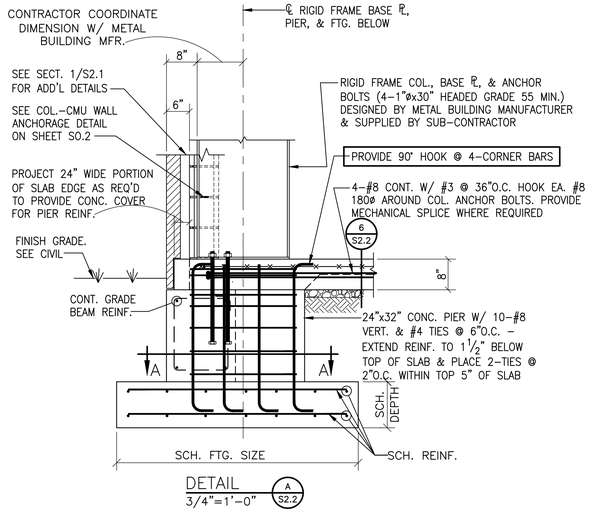
ALABAMA REGISTERED NO. 22214 PROFESSIONAL ENGINEER R. MARK SCHERER 3-25-26

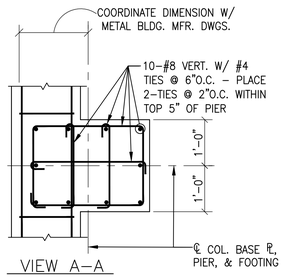
PROJ. MGR.:	RMO
DRAWN:	RAS
DATE:	3–25–2026
REVISIONS	

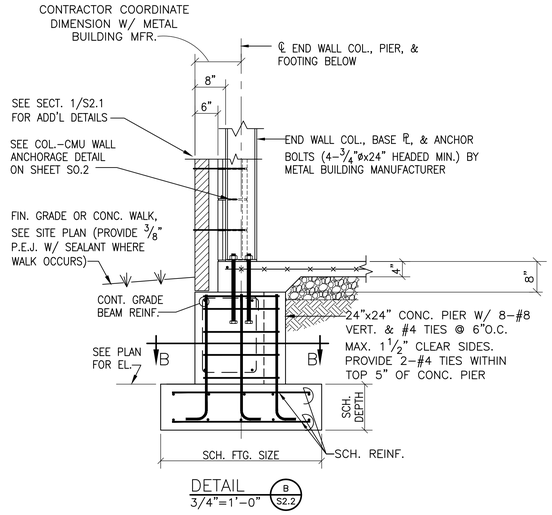
JOB NO. 25-160B
SHEET NO: S2.1

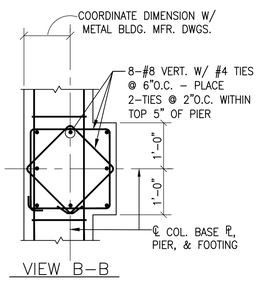
0 16" 32"

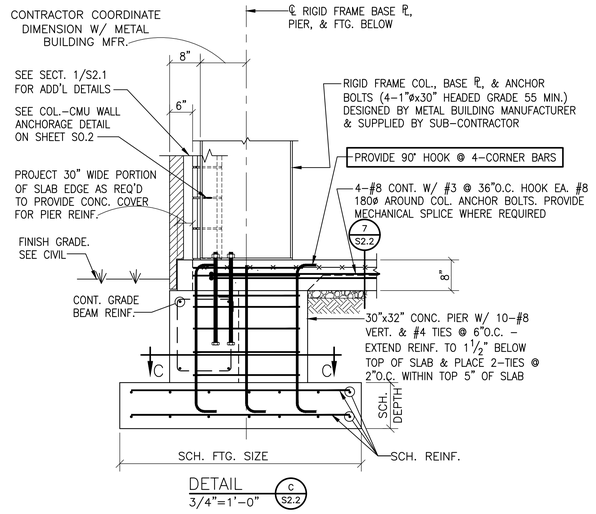
- Tuesday, March 24, 2026 4:06:20 PM

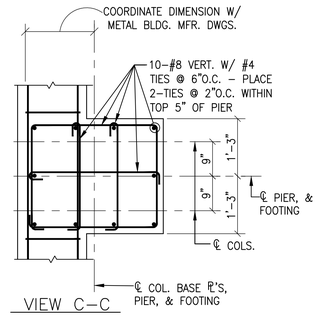


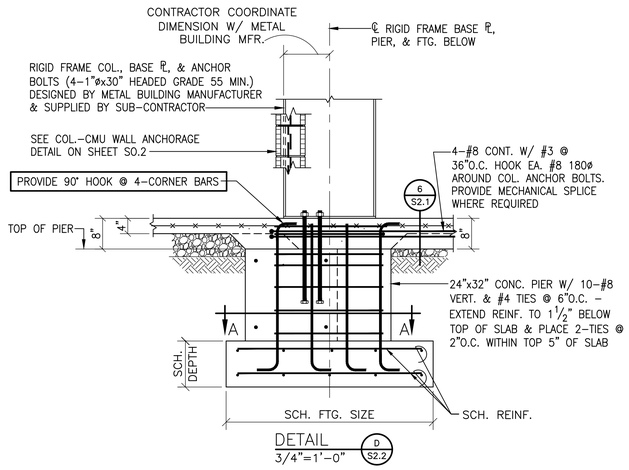


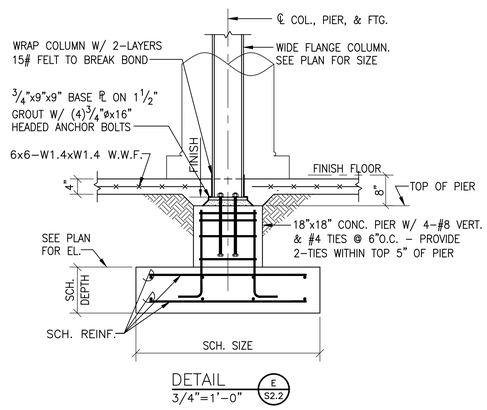












LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: SECTIONS AND DETAILS

ALABAMA REGISTERED NO. 22214 PROFESSIONAL ENGINEER RICHARD MARK OTTO
3-25-26

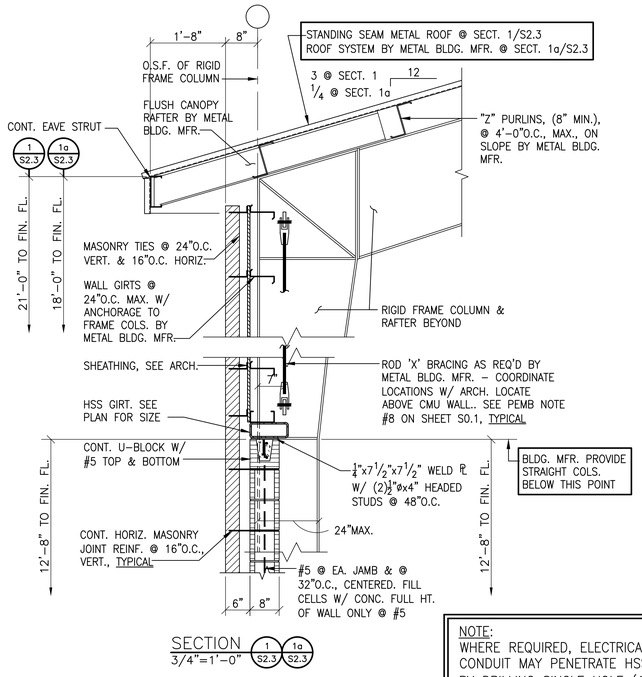
PROJ. MGR.:	RMO
DRAWN:	RAS
DATE:	3–25–2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: S2.2

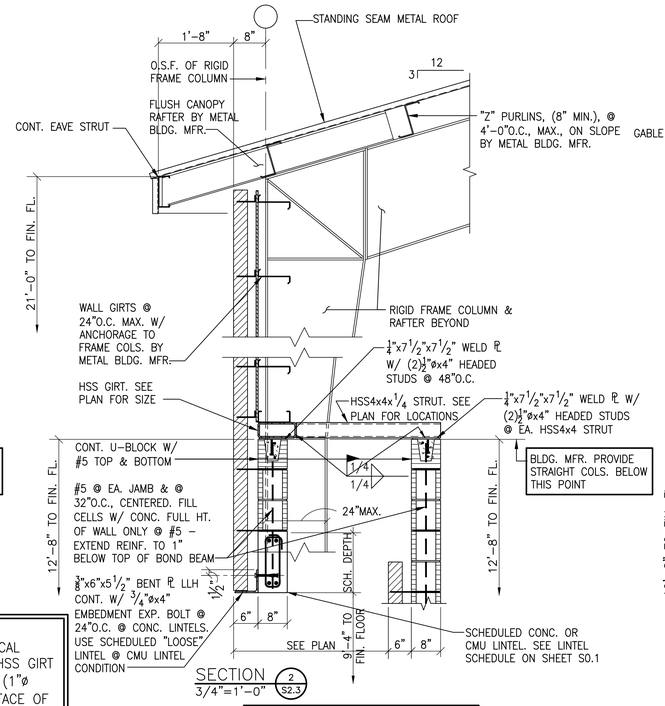
0 16" 32"

- Tuesday, March 24, 2026 4:06:21 PM



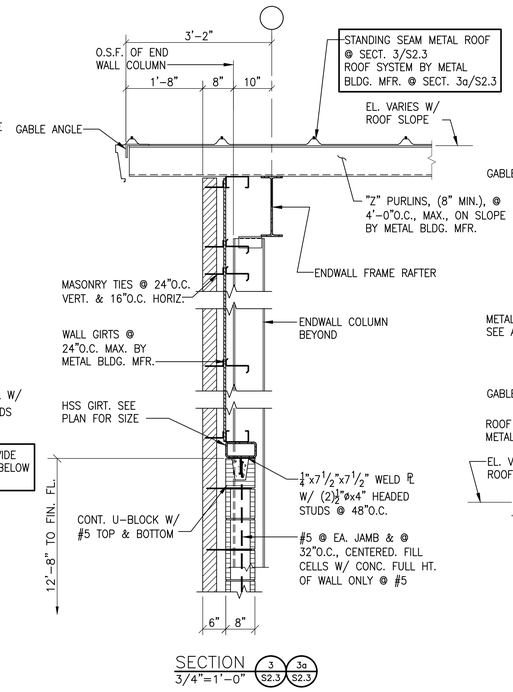
SECTION 3/4"=1'-0" (1/S2.3, 1a/S2.3)

NOTE:
WHERE REQUIRED, ELECTRICAL CONDUIT MAY PENETRATE HSS GIRT BY DRILLING SINGLE HOLE (1"ø MAX.) THRU TOP & BOT. FACE OF GIRT NEAR CENTER OF WALL. DO NOT CUT SIDES OF GIRT.

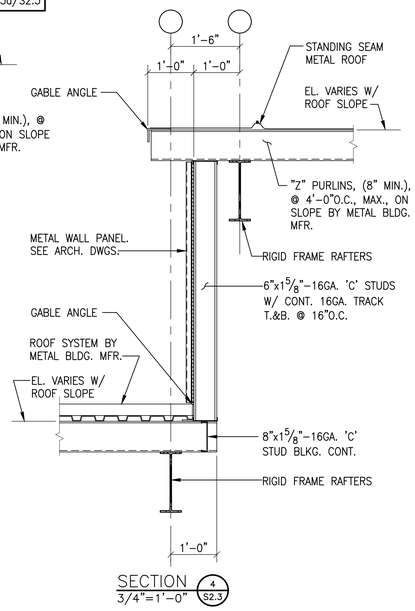


SECTION 3/4"=1'-0" (2/S2.3)

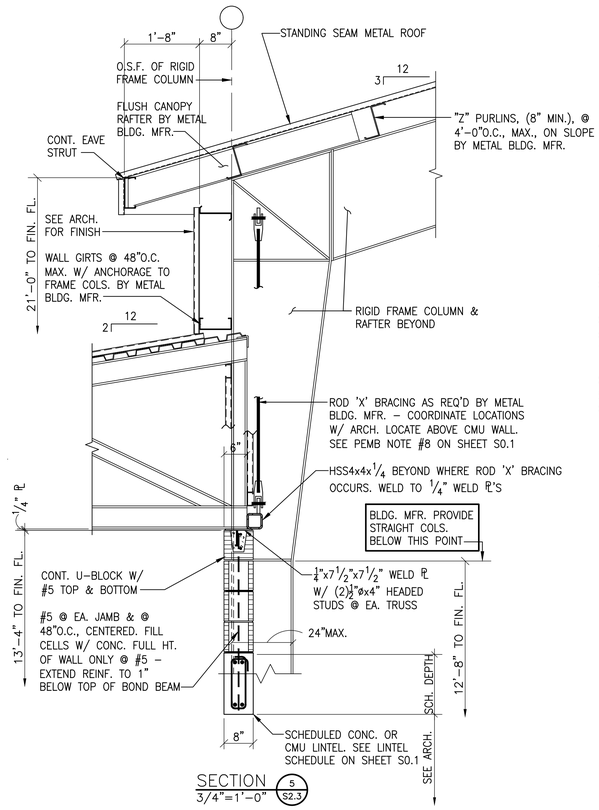
NOTE:
ALL CMU WALLS SHALL BE IN PLACE PRIOR TO INSTALLING HSS WALL GIRTS. TYPICAL



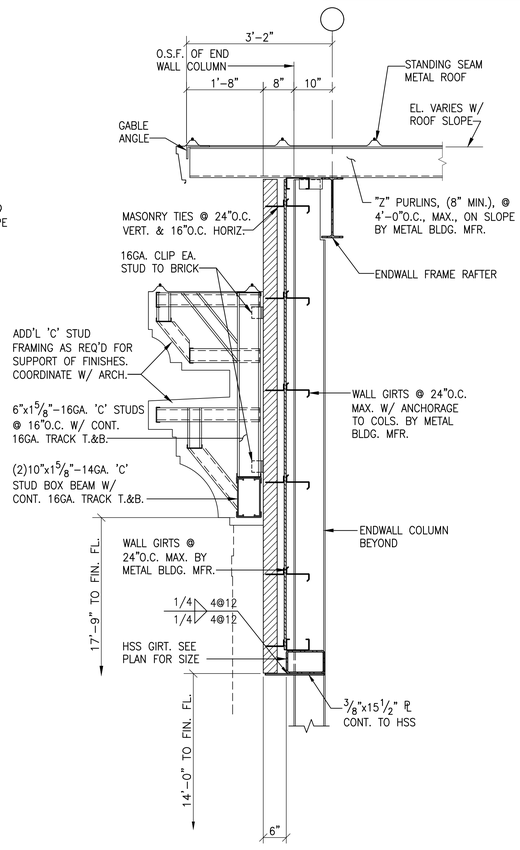
SECTION 3/4"=1'-0" (3/S2.3, 3a/S2.3)



SECTION 3/4"=1'-0" (4/S2.3)



SECTION 3/4"=1'-0" (5/S2.3)



SECTION 3/4"=1'-0" (6/S2.3)

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: SECTIONS AND DETAILS

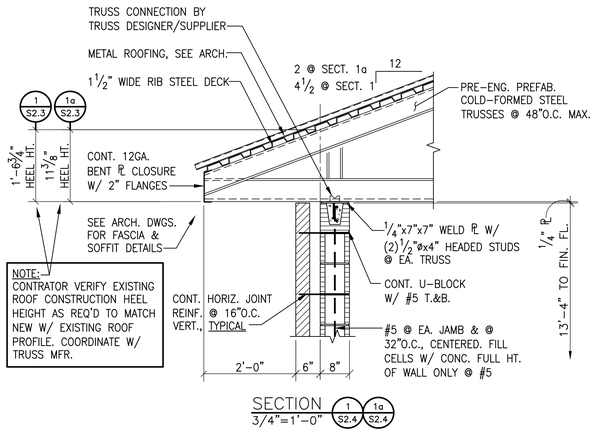
ALABAMA REGISTERED NO. 22214 PROFESSIONAL ENGINEER RICHARD A. MARKY
3-25-26

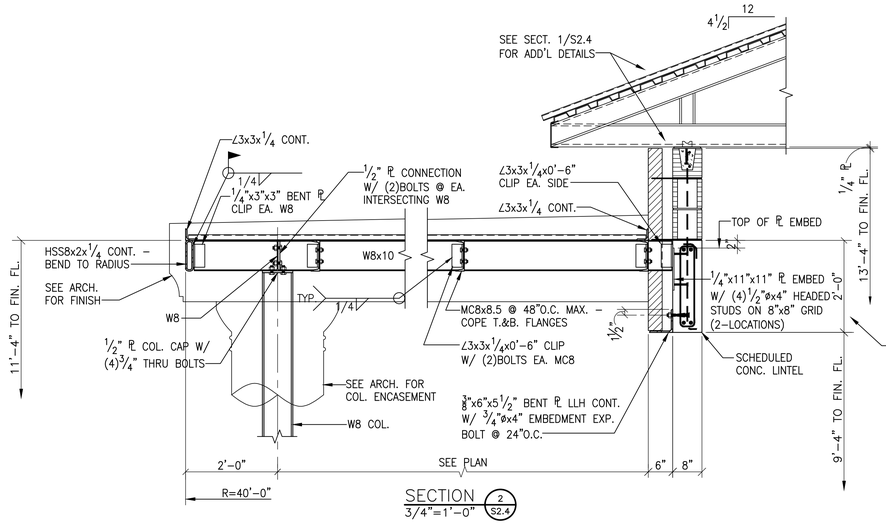
PROJ. MGR.:	RMO
DRAWN:	RAS
DATE:	3-25-2026
REVISIONS	

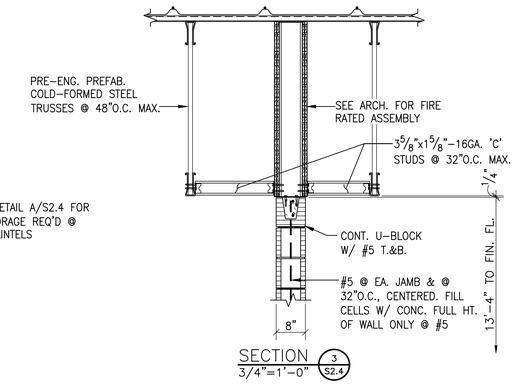
JOB NO. 25-160B
SHEET NO: S2.3

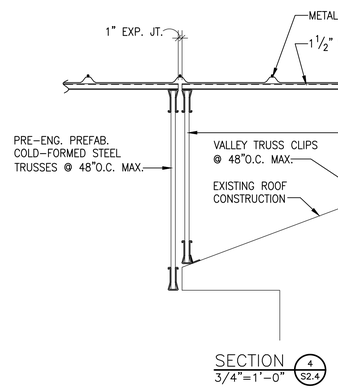
9 16" 32"

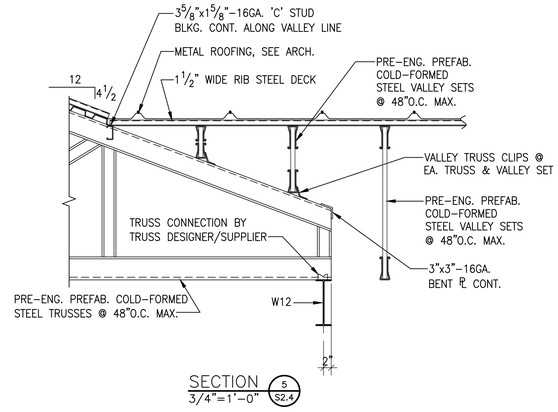
- Tuesday, March 24, 2026 4:06:22 PM

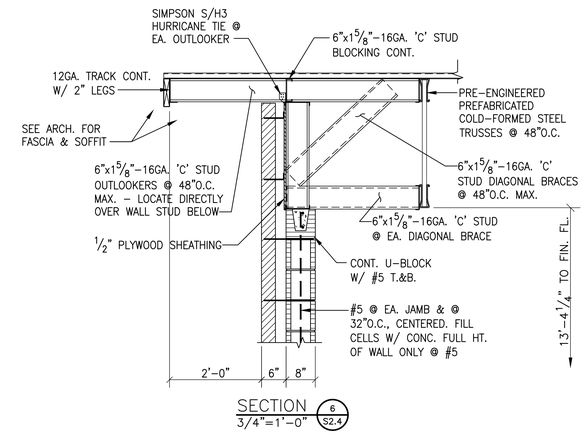


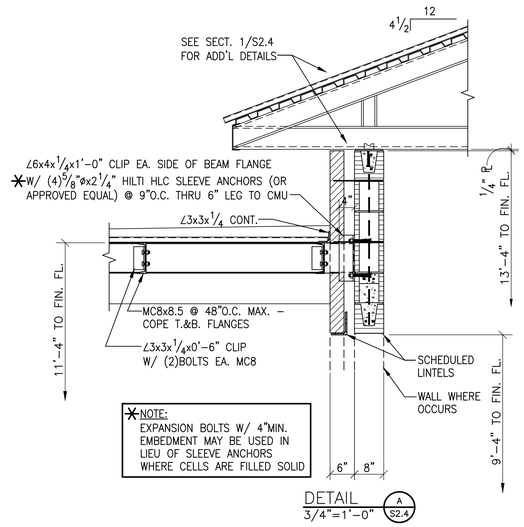












LATHAN
McKEE
ARCHITECTS

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

SHEET TITLE: SECTIONS AND DETAILS

ALABAMA REGISTERED NO. 22214 PROFESSIONAL ENGINEER RICHARD MARK OLIVER
3-25-26

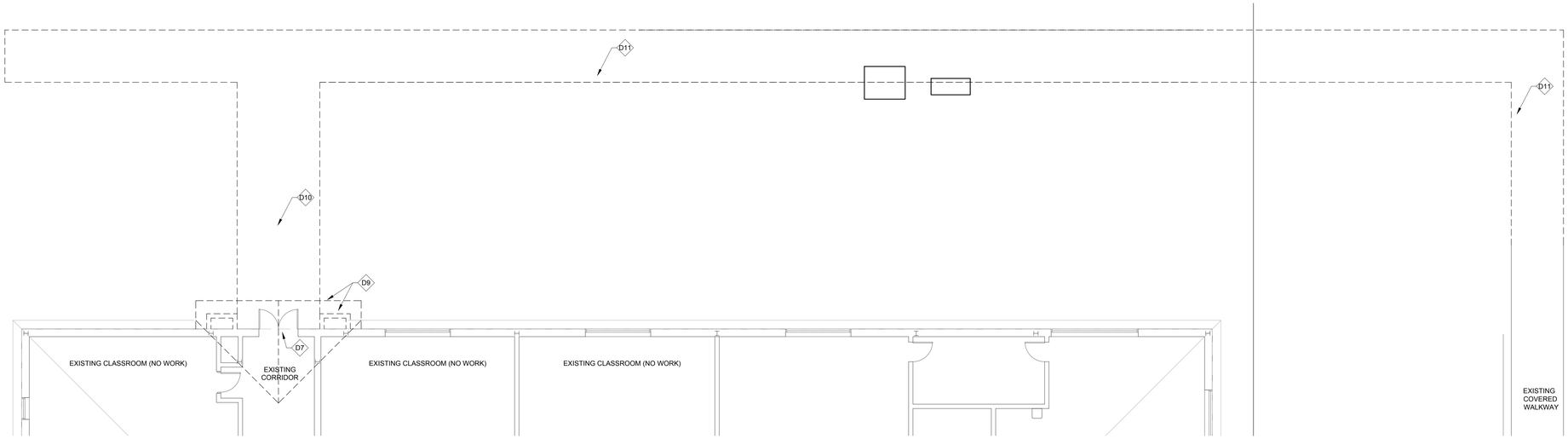
PROJ. MGR.:	RMO
DRAWN:	RAS
DATE:	3-25-2026
REVISIONS	

JOB NO. 25-160B

SHEET NO: S2.4

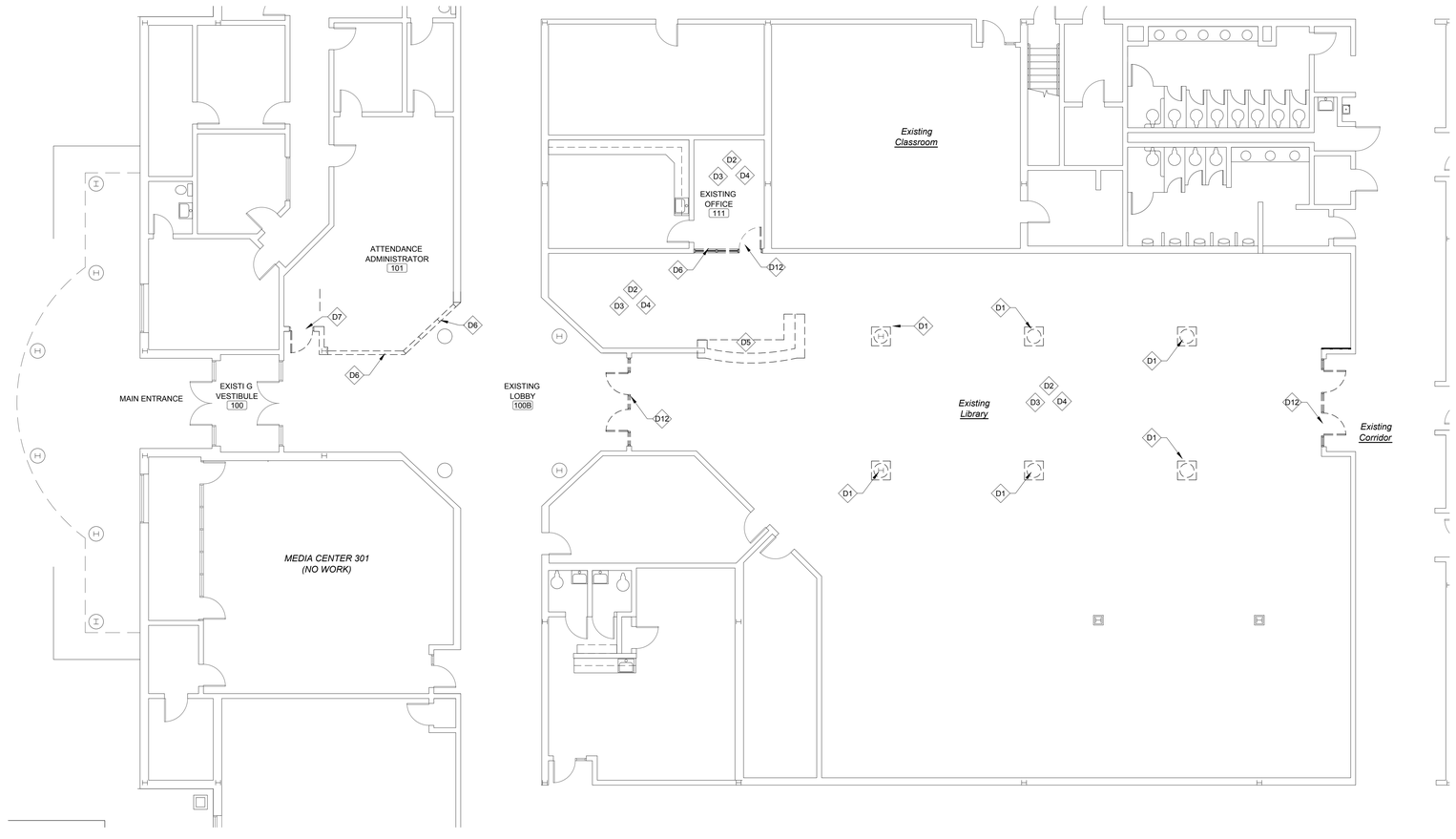
0 16" 32"

- Tuesday, March 24, 2026 4:06:23 PM



DEMOLITION PLAN - EXISTING NORTH ENTRY

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



DEMOLITION PLAN - EXISTING LIBRARY

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

SITE OF WORK EXAMINATION

THESE DRAWINGS WERE COMPILED BY THE ARCHITECT FROM THE OWNER'S RECORD DRAWINGS AND FROM ON-SITE OBSERVATIONS TO INDICATE THE BUILDING ARRANGEMENT.

ALL CONTRACTORS SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST EXAMINE THE PREMISES AND ALL CONDITIONS THEREIN. ALL PROPOSALS SHALL TAKE INTO CONSIDERATION ALL SUCH CONDITIONS AS MAY AFFECT THE WORK UNDER THIS CONTRACT.

DRAWINGS ARE DIMENSIONED FOR BIDDING PURPOSES ONLY. CONTRACTORS SHALL MEASURE ALL EXISTING WORK AT THE PREMISES AND VERIFY ALL DIMENSIONS NEEDED TO PROPERLY INTERFACE IMPROVEMENTS WITH ALL EXISTING ELEMENTS WHICH ARE TO REMAIN.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
NOTE: REFER TO CONSULTANT DRAWINGS FOR ADDITION DEMOLITION NOTES	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
D1	EXISTING COLUMN WRAP TO BE REMOVED IN ITS ENTIRETY.
D2	EXISTING CEILING TO REMOVED IN ITS ENTIRETY.
D3	SEE MECHANICAL / ELECTRICAL FOR WORK THIS AREA.
D4	EXISTING FLOOR FINISH AND BASE TO REMOVED IN ITS ENTIRETY. PREP AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH.
D5	EXISTING CASEWORK TO BE REMOVED IN ITS ENTIRETY.
D6	REMOVE EXISTING WALL TO EXTENTS SHOWN AND CLEAN/PREPARE FOR NEW WORK.
D7	EXISTING DOOR, FRAME, & HARDWARE TO BE RE-USED. DOOR TO BE PROTECTED, CLEANED AND REFINISHED.
D8	REMOVE EXISTING WINDOWS IN THEIR ENTIRETY.
D9	REMOVE EXISTING BRICK/EAVE BUMPOUT AND ROOF AT SIDE ENTRY AS INDICATED. CLEAN/PREPARE FOR NEW WORK
D10	SEE CIVIL DRAWINGS FOR EXISTING SITE WORK TO BE DEMOLISHED
D11	REMOVE EXISTING CANOPY AS INDICATED
D12	REMOVE EXISTING DOOR UNIT AND FRAME IN ITS ENTIRETY.

LATHAN McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: DEMOLITION PLANS

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	

JOB NO. 25-160B

SHEET NO: D1.1

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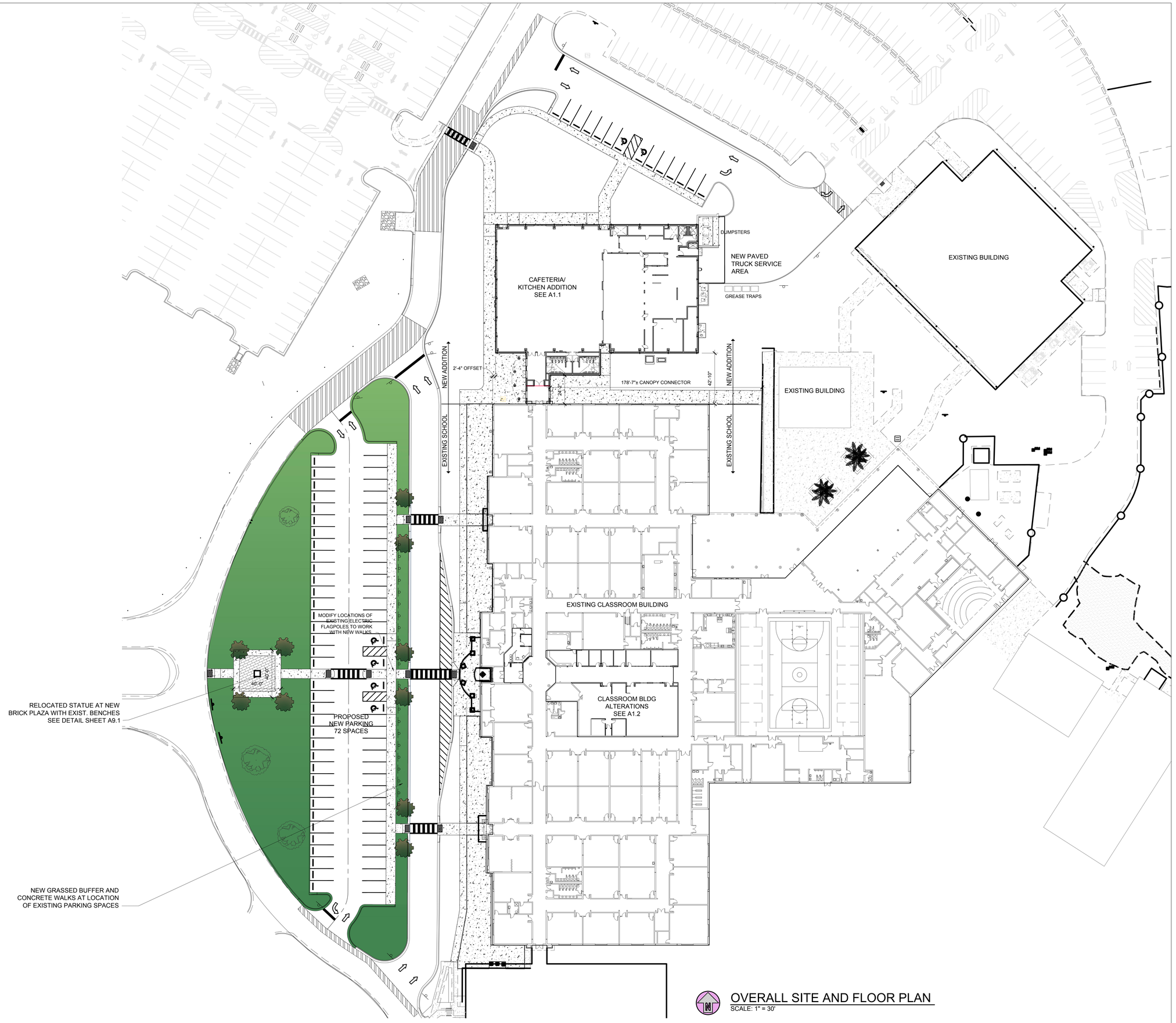

OVERALL SITE AND FLOOR PLAN
SCALE: 1" = 30'

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 SITE AND FLOOR PLAN

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	

JOB NO. 25-160B

SHEET NO:

A0.1

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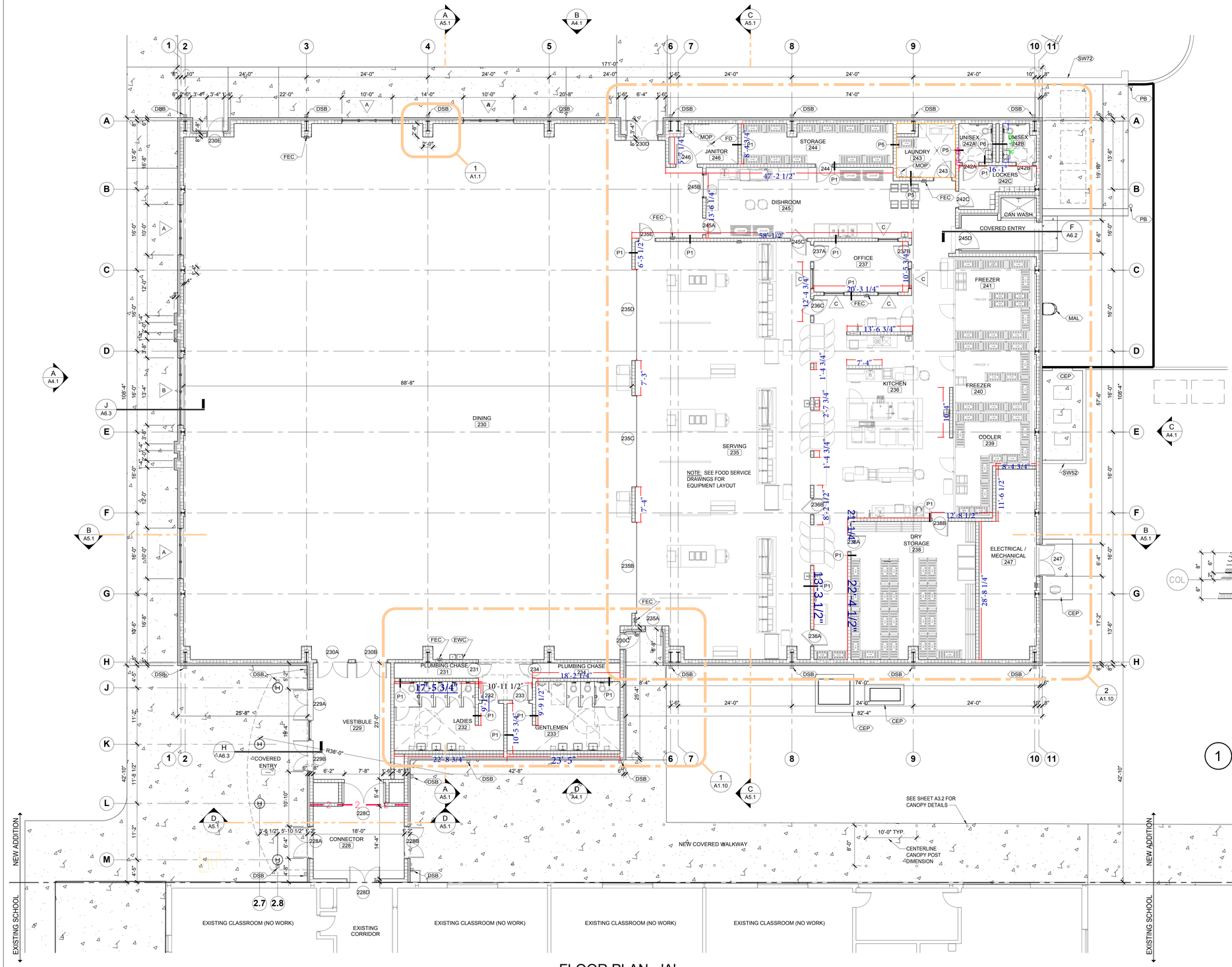
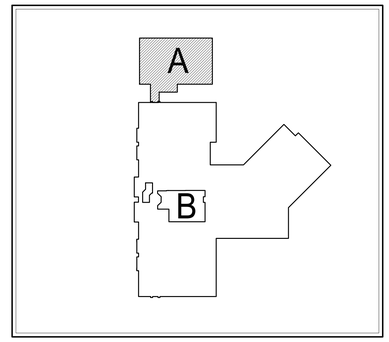


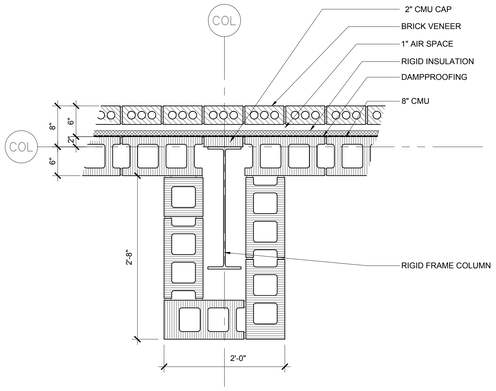
FLOOR PLAN - 'A'
CAFETERIA-KITCHEN BUILDING
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
A---	SCHEDULED DOOR AND FRAME
-	SCHEDULED WINDOW UNIT
CORRIDOR 100	SCHEDULED ROOM NAME AND NUMBER
- AX.X	SECTION / DETAIL SYMBOL
- AX.X	BUILDING SECTION SYMBOL
X AX.X X X	INTERIOR ELEVATION SYMBOL
P-	WALL PARTITION TYPES
CEP	CONCRETE EQUIPMENT PAD (SEE DETAIL A9.1)
DSB	DOWNSPOUT TO BOOT (SEE SPECS)
EWC	ELECTRIC WATER COOLER (SEE DETAIL A9.1)
FD	FLOOR DRAIN (SEE PLUMBING DRAWINGS)
FEC	FIRE EXTINGUISHER CABINET (SEE DETAIL A9.1)
MAL	METAL ACCESS LADDER TO ROOF (SEE DETAIL A3.2)
MOP	MOP SINK (SEE PLUMBING DRAWINGS)
PB	PIPE BOLLARD (SEE DETAIL SHEET A9.1)
SW52	BRICK SCREEN WALL AND HEIGHT IN INCHES. (SEE DETAIL ON SHEET A9.1)
SW72	BRICK SCREEN WALL AND HEIGHT IN INCHES. (SEE STRUCTURAL DRAWINGS)



1 TYPICAL CMU DETAIL AT COLUMNS
SCALE: 1"=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: FLOOR 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	

JOB NO. 25-160B

SHEET NO: A1.1

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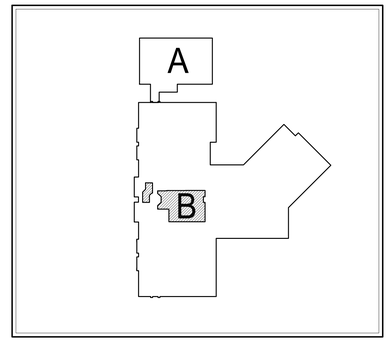
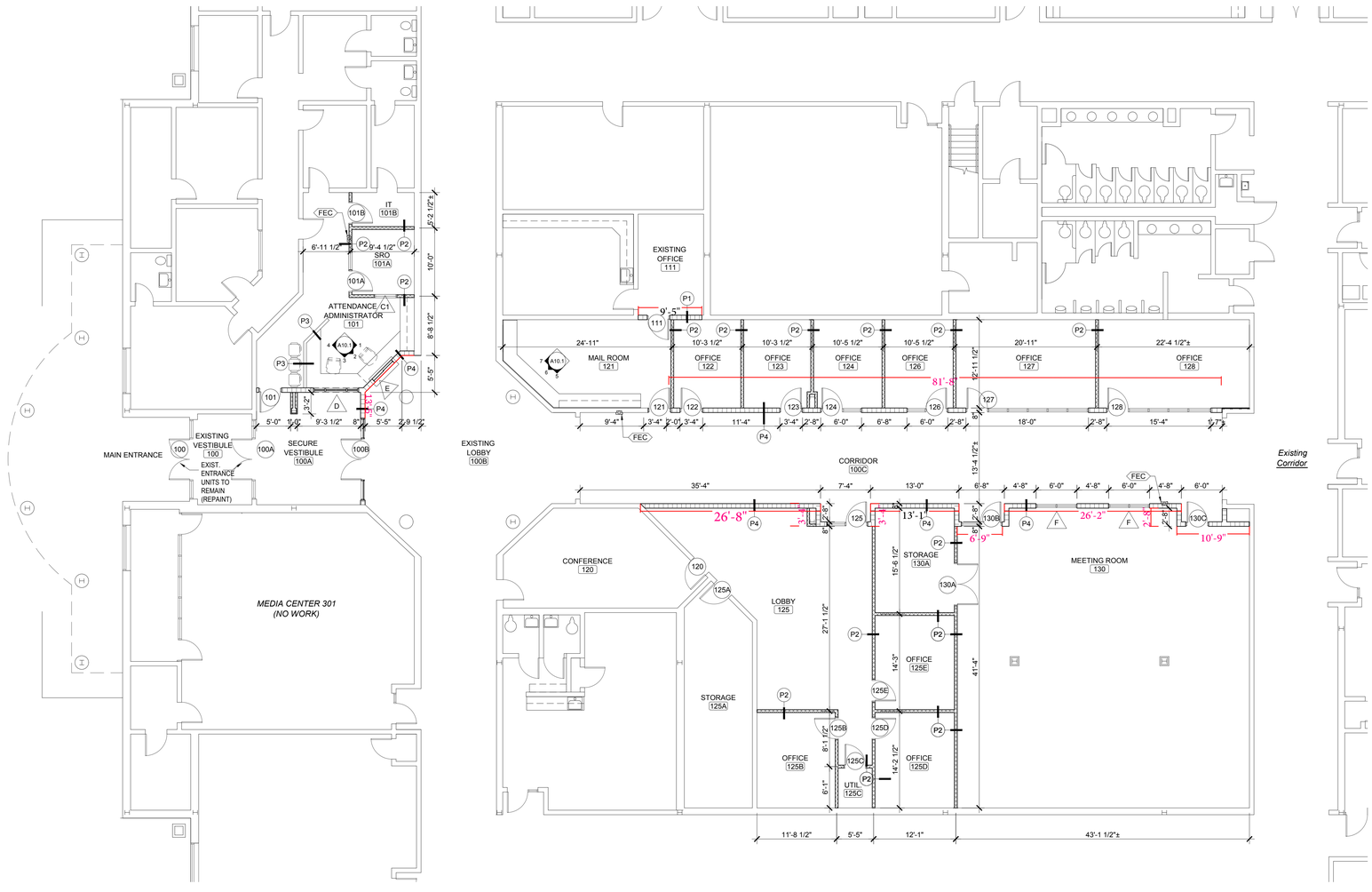


KEY PLAN
SCALE: NTS

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
A---	SCHEDULED DOOR AND FRAME
-	SCHEDULED WINDOW UNIT
CORRIDOR ---	SCHEDULED ROOM NAME AND NUMBER
- A X.X	SECTION / DETAIL SYMBOL
- A X.X	BUILDING SECTION SYMBOL
A X.X	INTERIOR ELEVATION SYMBOL
P-	WALL PARTITION TYPES
FEC	FIRE EXTINGUISHER CABINET (SEE DETAIL A9.1)



PARTIAL FLOOR PLAN 'B' - CLASSROOM 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:

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

JOB NO. 25-160B
SHEET NO: A1.2

0 1" 2"

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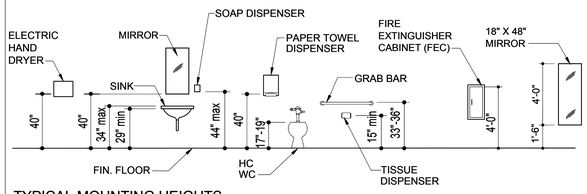
- Wednesday, March 25, 2026 12:57:42 PM

TOILET ACCESSORIES LEGEND

KEYNOTE	DESCRIPTION
TTD	TOILET TISSUE DISPENSER TO BE MOUNTED 8" OC IN FRONT OF TOILET AND OUTLET OF DISPENSER MUST BE BETWEEN 15" & 48" AFF (SEE SPECS)
PTD	PAPER TOWEL DISPENSER TO BE MOUNTED 48" OC AFF (SEE SPECS)
SD	SOAP DISPENSER TO BE MOUNTED WHERE HAND CONTROLS ARE 48" OC AFF (SEE SPECS)
GB1	36" GRAB BAR MOUNTED WHERE CENTERLINE OF WALL MOUNT IS 6" OUT FROM CORNER OF WALL / TOILET PARTITION AND IS TO BE 33"-36" AFF (SEE SPECS)
GB2	42" GRAB BAR MOUNTED WHERE CENTERLINE OF WALL MOUNT IS 12" OUT FROM CORNER OF WALL / TOILET PARTITION AND IS TO BE 33"-36" AFF (SEE SPECS)
GB3	SIDE WALL GRAB BAR AND IS TO BE 33"-36" AFF (SEE SPECS)
MIR	18" X 36" MIRROR WITH SHELF TO BE MOUNTED WITH THE BOTTOM EDGE 35" AFF AND THE TOP EDGE 71" AFF (SEE SPECS)
HC	HANDICAPPED ACCESSIBLE TOILET / URINAL TO BE MOUNTED 17" AFF

FLOOR PLAN LEGEND

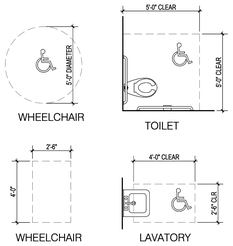
SYMBOL	DESCRIPTION
CORRIDOR 101	SCHEDULED ROOM NAME AND NUMBER
A	SCHEDULED WINDOW UNIT
P-	WALL PARTITION TYPES
EWC	ELECTRIC WATER COOLER (SEE DETAIL A9.1)
FD	FLOOR DRAIN (SEE PLUMBING)
FEC	FIRE EXTINGUISHER CABINET (SEE DETAIL A9.1)
LKR	LOCKERS 12 X 12 X 36" TALL, 2 TIER, INTEGRAL BASE (SEE SPECS)
MAL	METAL ROOF ACCESS LADDER (SEE SPECS)
MO	MASONRY OPENING (SEE STRUCTURAL)
MOFS	MASONRY OPENING WRAPPED IN STAINLESS STEEL TRIM FOR FOOD-SERVICE EQUIPMENT. SEE STRUCTURAL AND FOOD- SERVICE DRAWINGS. COORDINATE EXACT LOCATION AND REQUIRED ROUGH OPENING DIMENSIONS WITH FOOD- SERVICE MANUFACTURERS AND INSTALLERS PRIOR TO INSTALLATION OF CMU WALLS
MOP	MOP SINK (SEE PLUMBING)



TYPICAL MOUNTING HEIGHTS

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

NOTE: GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 IN. MIN. and 36 IN. MAX. ABOVE FINISHED FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE. WHERE MIN. and MAX. DIMENSIONS ARE GIVEN, NO TOLERANCE OUTSIDE OF THE DIMENSION RANGE AT EITHER END POINT IS PERMITTED.

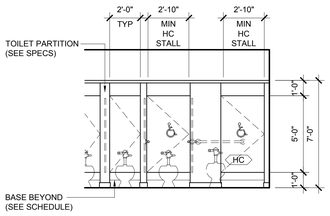


TYPICAL HANDICAP CLEAR FLOOR SPACES

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

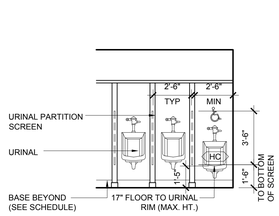
KEY NOTES

1. TOILET PAPER DISPENSER SHALL BE 7 IN. MIN. and 9 IN. MAX. IN FRONT OF WATER CLOSET MEASURED TO CENTERLINE OF DISPENSER. THE DISPENSER OUTLET SHALL BE 15 IN. MIN. and 48 IN. MAX. ABOVE FLOOR and NOT BE LOCATED BEHIND GRAB BARS.
2. WATER CLOSET HEIGHT TO BE 17 IN. TO 19 IN. MEASURED TO TOP OF SEAT.
3. WHEELCHAIR ACCESSIBLE STALLS SHALL BE 60" MINIMUM DEPTH AND WIDTH WITH 32" MINIMUM WIDTH DOOR THAT SWINGS OUT. CENTER LINE OF WATER CLOSET TO BE 16" TO 18" FROM NEAR WALL.
4. A HORIZONTAL SIDE WALL GRAB BAR 42" LONG MINIMUM, LOCATED 12" MAX. FROM REAR WALL AND EXTENDING 54" MINIMUM FROM REAR WALL.
5. THE REAR WALL GRAB BAR SHALL BE 24 IN. LONG MIN., CENTERED ON THE WATER CLOSET. WHERE SPACE PERMITS, THE BAR SHALL BE 36 IN. LONG MIN. WITH THE ADDITIONAL LENGTH PROVIDED ON THE TRANSFER SIDE OF THE WATER CLOSET.
6. GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE (TOP) AT THE LOCATION SHOWN AND DOES NOT OBSTRUCT THE CLEAR FLOOR SPACE.
7. COAT HOOKS PROVIDED WITHIN TOILET ROOMS SHALL BE 48 " MAX. ABOVE THE FLOOR. WHERE PROVIDED A FOLD DOWN SHELF SHALL BE 40" MIN. and 48" MAX. ABOVE FLOOR.
8. WHERE MIN. and MAX. DIMENSIONS ARE GIVEN, NO TOLERANCE OUTSIDE OF THE DIMENSION RANGE AT EITHER END POINT IS PERMITTED.



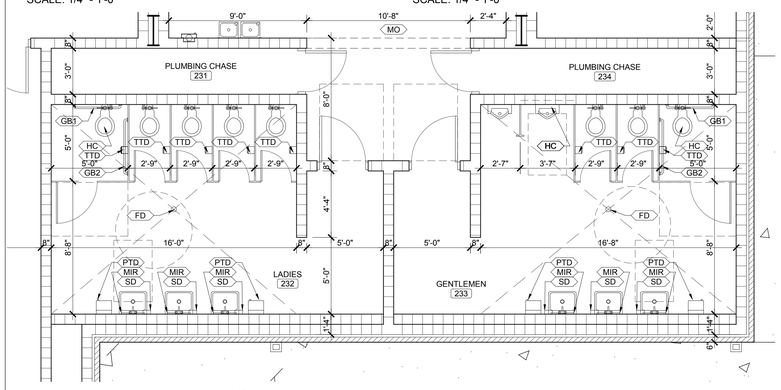
TYPICAL TOILET PARTITION ELEVATION

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



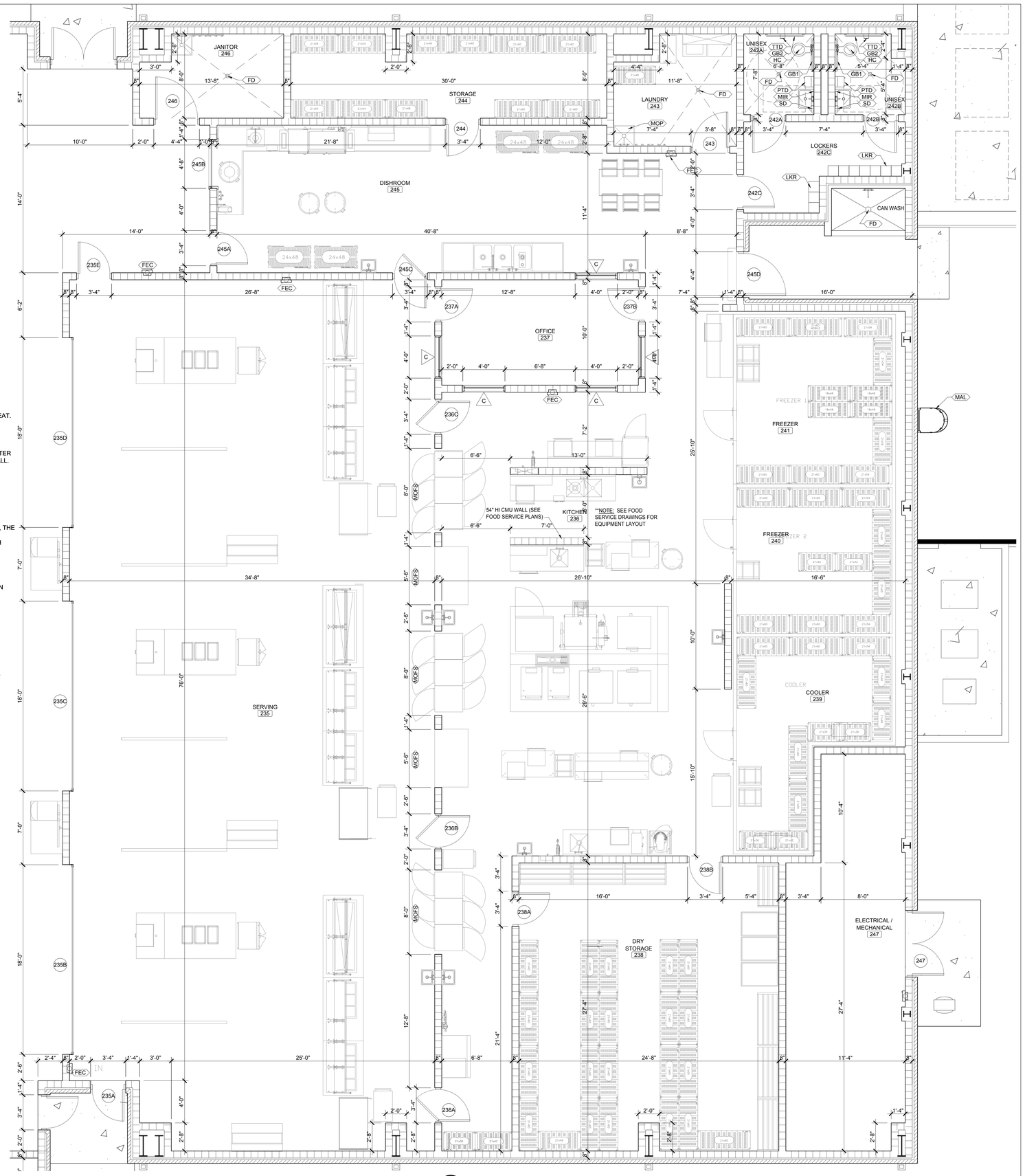
TYPICAL URINAL PARTITION ELEVATION

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



1 ENLARGED PLAN - RESTROOMS

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



2 ENLARGED PLAN - KITCHEN

SCALE: 1/4" = 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: ENLARGED PLANS AND DETAILS

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	

JOB NO. 25-160B

SHEET NO: A1.10

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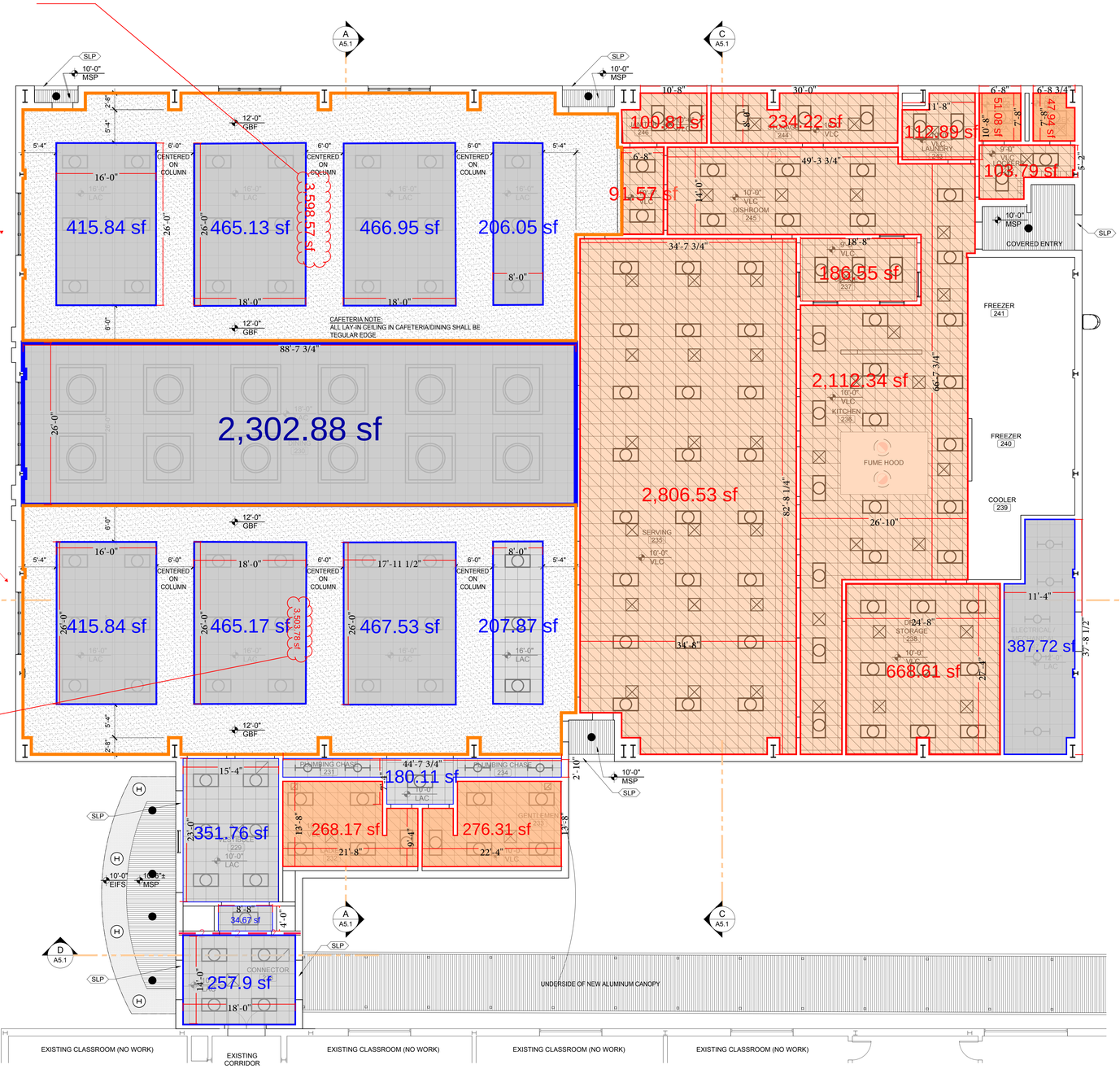
- Wednesday, March 25, 2026 12:57:50 PM

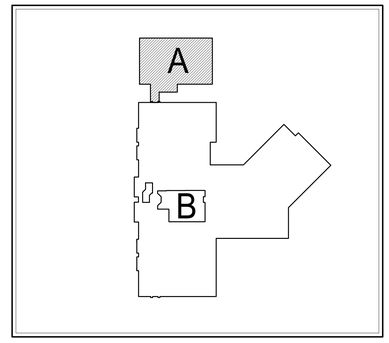
ACT TOTAL IS 1553.97 SF
"DEDUCT" FROM GYP TOTAL
"3598.57 SF" WILL BE 2,044.6 SF

3,991.97 SF TOTAL GYP BOARD

DEDUCT 1,556.41 SF FROM GYP SF OF 3,503.78 SF EQUALS 1,947.37



REFLECTED CEILING PLAN 'A'-
CAFETERIA-KITCHEN BUILDING
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
0'-0"	HEIGHT ABOVE FINISHED FLOOR ELEVATION
	2'x2' LAY-IN ACOUSTICAL CEILING (LAC)
	2'x2' VINYL CLAD LAY-IN CEILING WITH ALUMINUM GRIDS (VLC)
	GYPSUM BOARD (SUSPENDED AS REQUIRED)
EIFS	EXTERIOR INSULATED FINISH SYSTEM (SUSPENDED AS REQUIRED)
	METAL SOFFIT PANELS (SUSPENDED AS REQUIRED)
	2'x4' RECESSED OR SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
	2'x2' RECESSED OR SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
	1'x4' RECESSED OR SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
	1'x4' SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
	RECESSED ROUND LIGHT FIXTURE (SEE ELECTRICAL)
	HVAC SUPPLY AIR GRILLE (SEE MECHANICAL)
	HVAC RETURN AIR GRILLE (SEE MECHANICAL)
	EXHAUST FAN GRILLE (SEE MECHANICAL)
GB	GYPSUM BOARD - NO PAINT
GBF	GYPSUM BOARD FURRING
GBP	GYPSUM BOARD - PAINT
MSP	METAL SOFFIT PANELS - NON VENTED
MSPV	METAL SOFFIT PANELS - VENTED
SLP	STEEL LINTEL - PAINT

LATHAN McKEE ARCHITECTS

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

SHEET TITLE: REFLECTED CEILING 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

JOB NO. 25-160B
SHEET NO: A2.1

0 1" 2"

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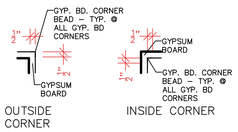
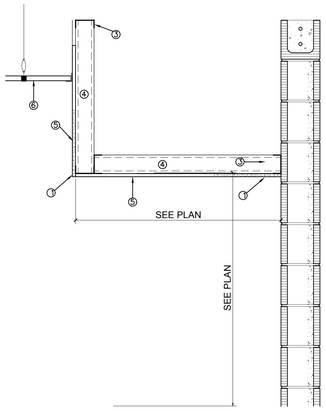
KEY NOTES:

1. GYPSUM BOARD CORNER BEAD – TYPICAL AT ALL GYP. BD. CORNERS
2. METAL OR WOOD FRAMING TO BE ERECTED ON MAX. 2'–0" CENTERS IN ACCORDANCE WITH CONVENTIONAL PROCEDURES.
3. INSTALL METAL RUNNERS TO CEILING and SIDEWALL WITH FASTENERS NOT TO EXCEED 2'–0" O.C., ON STUD WALLS, SPACE FASTENERS TO ENGAGE STUDS.
4. INSERT METAL STUDS BETWEEN RUNNERS SPACED 2'–0" O.C. and ATTACH STUDS TO RUNNERS.
5. ATTACH 5/8" GYPSUM BOARD TO STUDS and RUNNERS WITH SCREWS SPACED MAX. 1'–0" O.C..
6. SEE REFLECTED CEILING PLANS FOR LAY–IN CEILING

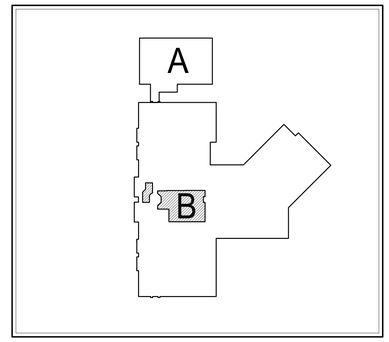
COORDINATION NOTE: THIS DETAIL IS INTENDED TO SERVE AS A GUIDE FOR TYPICAL DRYWALL SOFFIT / FURRING INSTALLATION. IT MUST BE MODIFIED AS NEEDED TO ADAPT IT TO VARYING CONDITIONS INDICATED ON REFLECTED CEILING PLANS AND THAT MAY BE ENCOUNTERED ON THE JOB. IN ADDITION TO THE FRAMING INDICATED, EACH CONTRACTOR IS RESPONSIBLE FOR THEIR OWN BLOCKING.



1 CORNER DETAILS
SCALE: 1" = 1'-0"



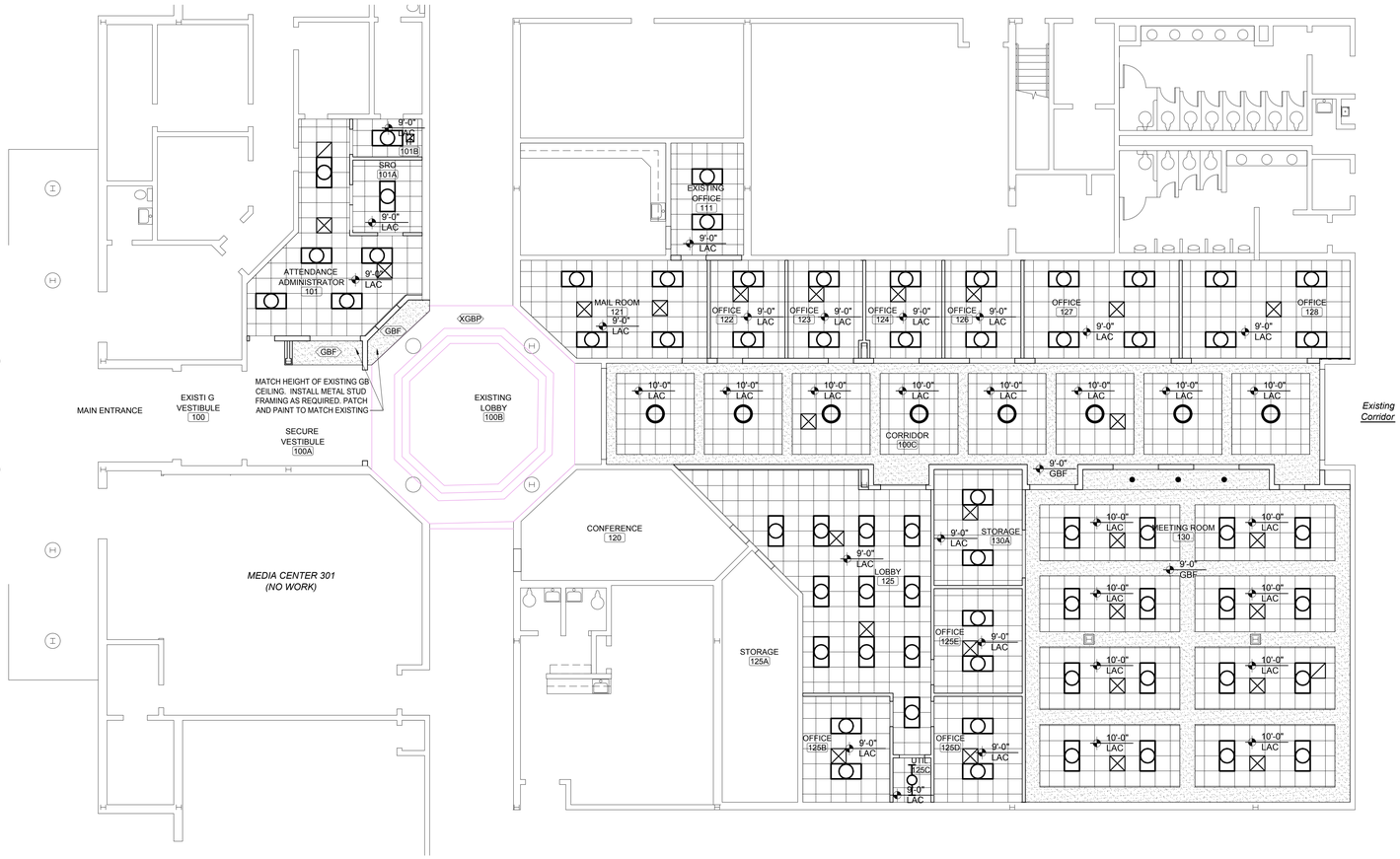
2 TYP. FURR DOWN DETAIL
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: NTS

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
0'-0"	HEIGHT ABOVE FINISHED FLOOR ELEVATION
	2'x2' LAY-IN ACOUSTICAL CEILING (LAC)
	GYPSUM BOARD (SUSPENDED AS REQUIRED)
	2'x4' RECESSED OR SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
	2'x2' RECESSED OR SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
	1'x4' RECESSED OR SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
	1'x4' SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
	RECESSED ROUND LIGHT FIXTURE (SEE ELECTRICAL)
	HVAC SUPPLY AIR GRILLE (SEE MECHANICAL)
	HVAC RETURN AIR GRILLE (SEE MECHANICAL)
	EXHAUST FAN GRILLE (SEE MECHANICAL)
GB	GYPSUM BOARD - NO PAINT
GBF	GYPSUM BOARD FURRING (SEE DETAIL THIS SHEET)
GBP	GYPSUM BOARD - PAINT
XGBP	EXISTING GYPSUM BOARD CEILING - PAINT



REFLECTED CEILING PLAN 'B' - CLASSROOM 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: REFLECTED CEILING PLAN - CLASSROOM 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

JOB NO. 25-160B
SHEET NO: A2.2

0 1" 2"

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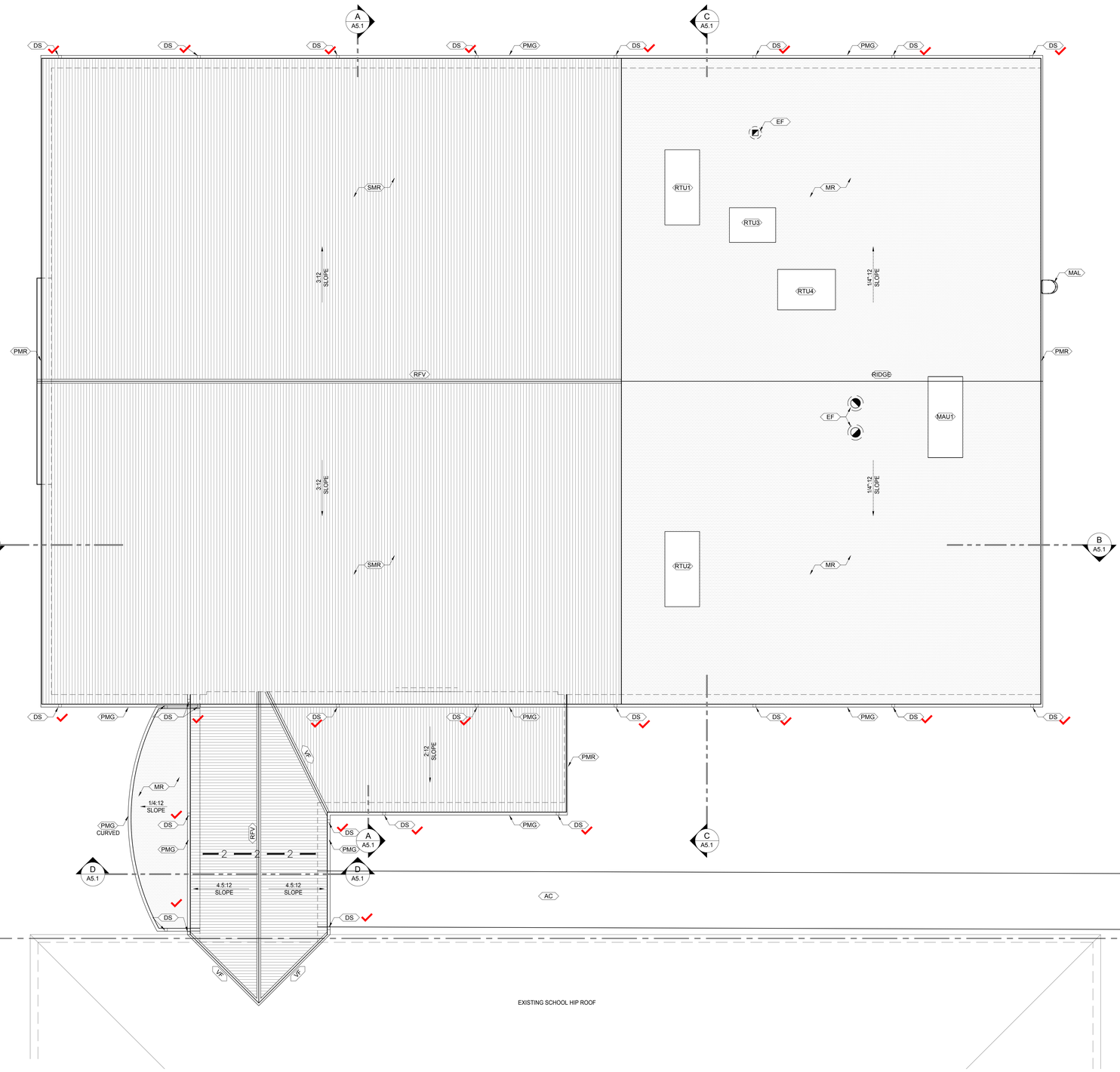
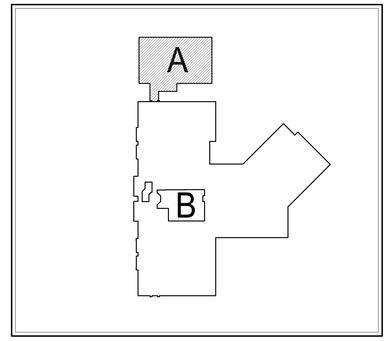


ROOF PLAN
SCALE: 1/8" = 1'-0"

TRUE NORTH



KEY PLAN
SCALE: NTS

ROOF PLAN LEGEND

SYMBOL	DESCRIPTION
MR	SINGLE PLY MEMBRANE ROOFING
MRP	METAL ROOF PANELS
X / A3.X	DETAIL SYMBOL
AC	ALUMINUM CANOPY
DS	PREFINISHED METAL DOWNSPOUT
EF	EXHAUST FAN (SEE MECHANICAL)
EJ	EXPANSION JOINT - SEE DETAIL 8/A3.2
HR	HIP RIDGE FLASHING
MAL	METAL ACCESS LADDER TO ROOF - SEE DETAILS SHEET A3.2
MR	SINGLE PLY MEMBRANE ROOFING
MAU	MAKE UP AIR UNIT (SEE MECHANICAL)
PMF	PREFINISHED METAL FASCIA
PMG	PREFINISHED METAL GUTTER
PME	PREFINISHED METAL EAVE TRIM
PMR	PREFINISHED METAL RAKE TRIM
RF	RIDGE FLASHING - NON VENTED
RFV	RIDGE FLASHING - VENTED
RTU	ROOF TOP UNIT (SEE MECHANICAL)
RVH	ROOF VENT HOOD (SEE MECHANICAL)
SMR	STANDING SEAM METAL ROOF
VF	VALLEY FLASHING

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: ROOF PLAN

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	

JOB NO. 25-160B

SHEET NO: A3.1

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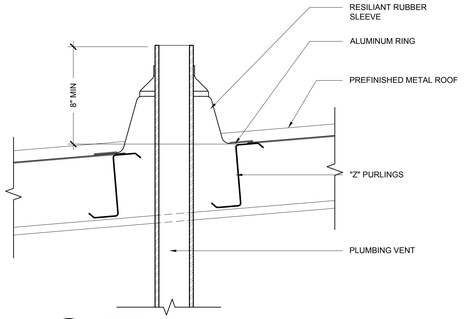

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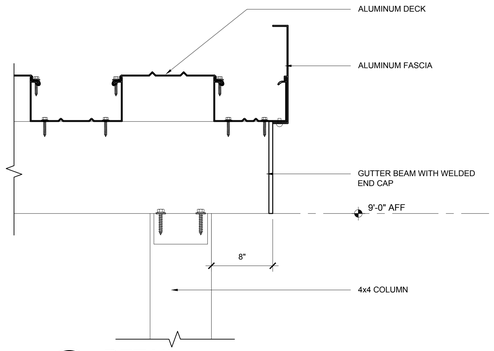

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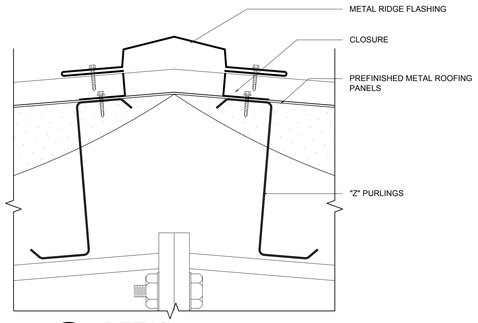

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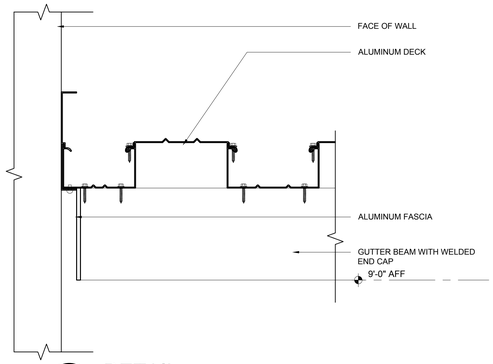

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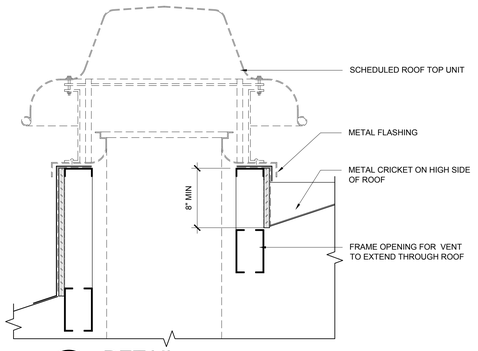

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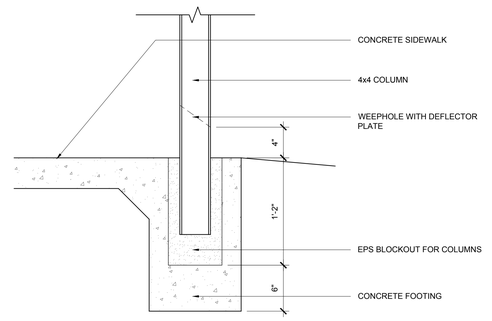

6 DETAIL
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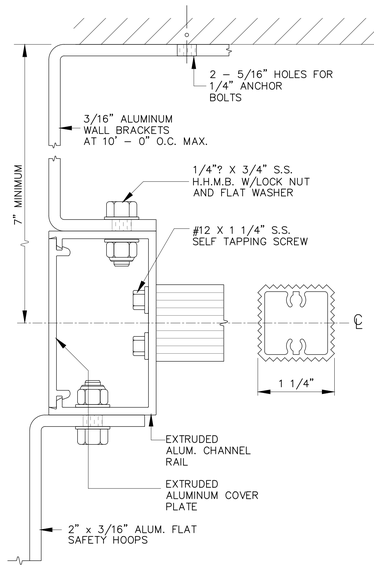
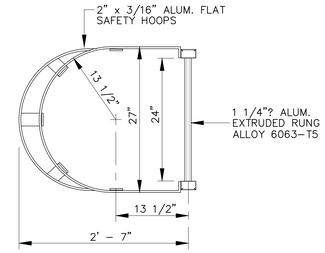
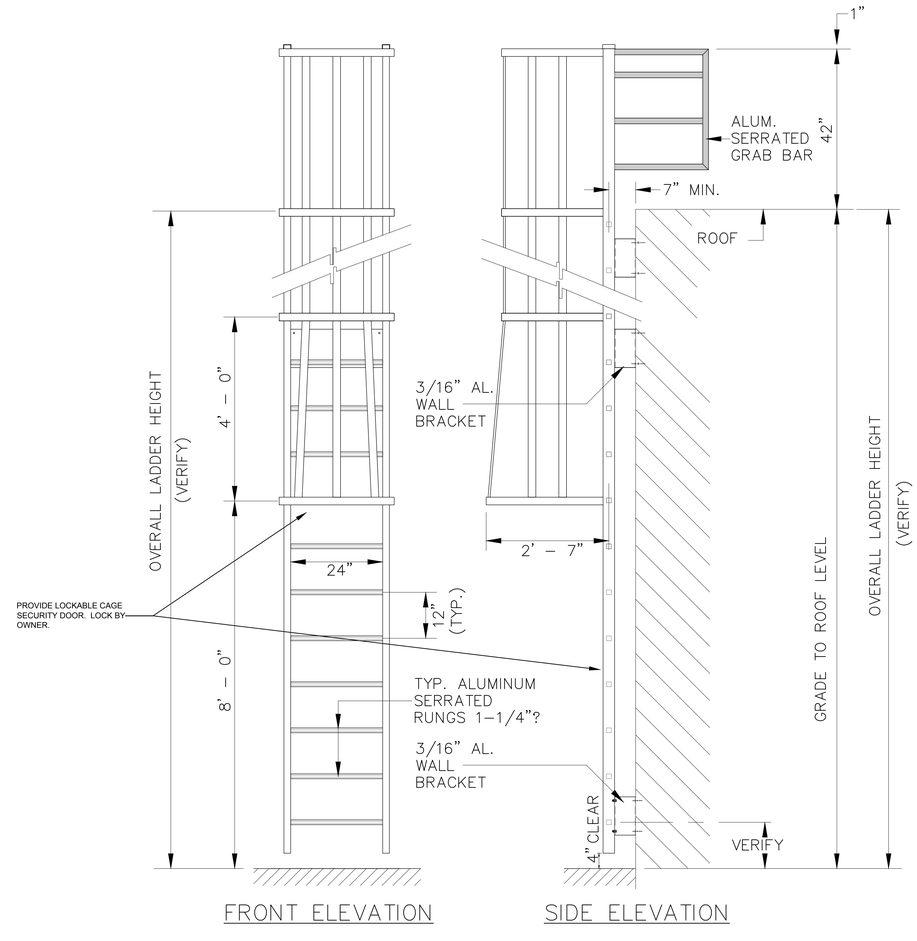


7 WALL BRACKET DETAIL
SCALE: FULL SIZE



8 CAGE LADDER SECTION - PLAN VIEW
SCALE: 1"=1'-0"



9 CAGE LADDER ELEVATIONS
SCALE: 3/4"=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: ROOF DETAILS

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	

JOB NO. 25-160B

SHEET NO: A3.2

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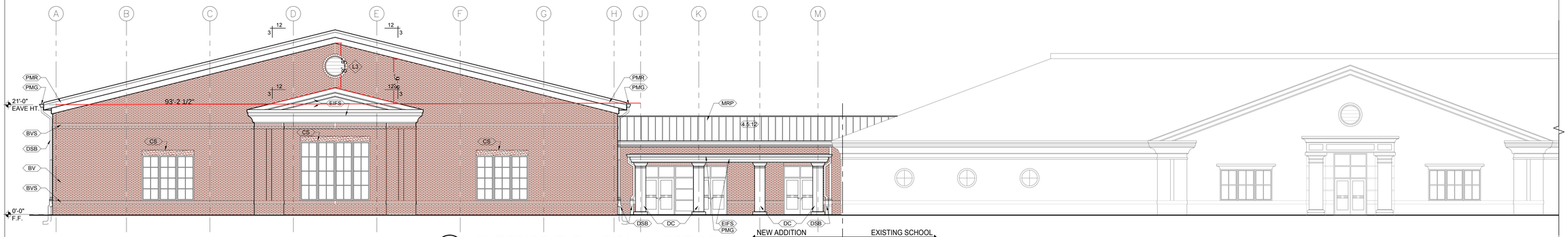
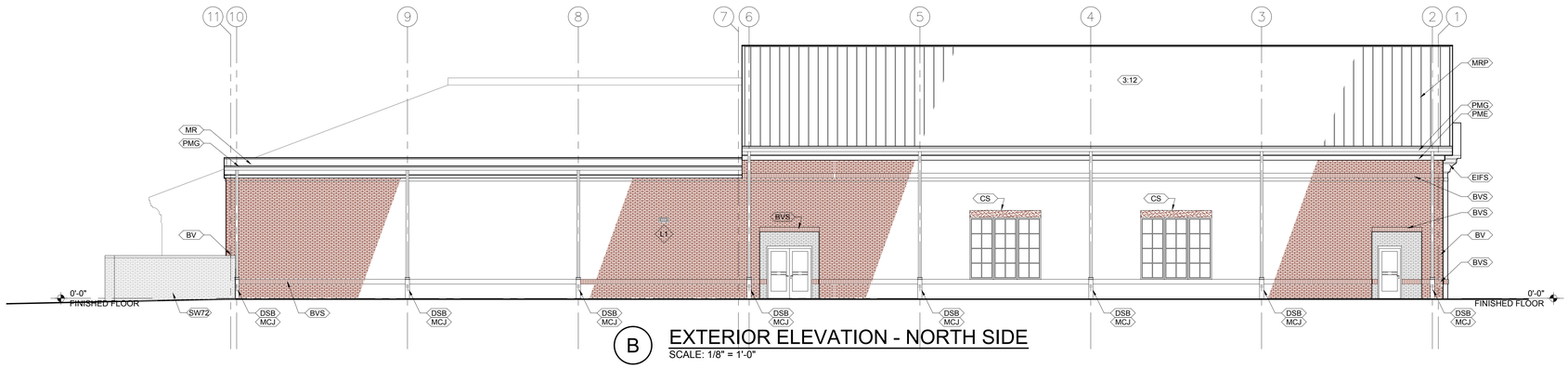


A EXTERIOR ELEVATION - WEST SIDE

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



B EXTERIOR ELEVATION - NORTH SIDE

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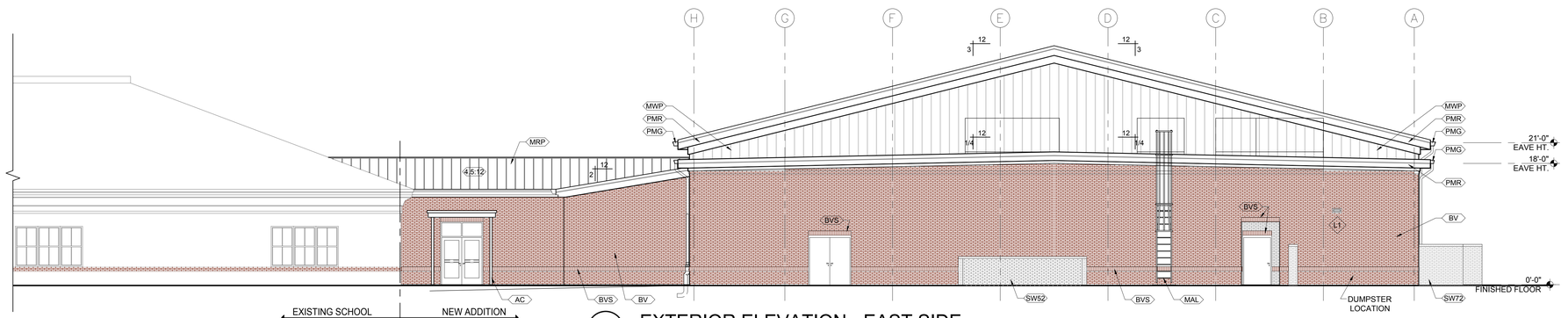

C EXTERIOR ELEVATION - EAST SIDE

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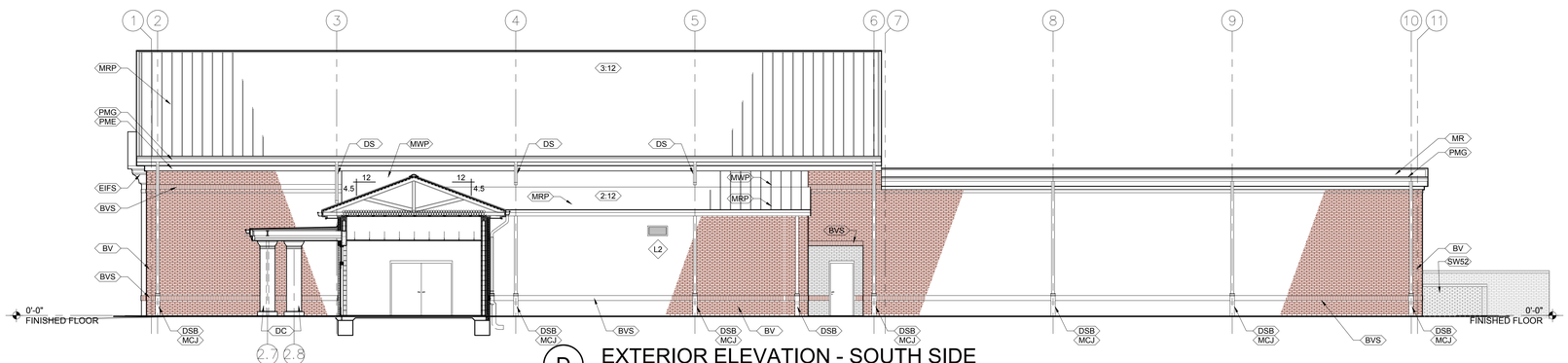


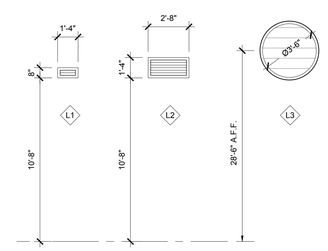
D EXTERIOR ELEVATION - SOUTH SIDE

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

EXTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
- A X.X	BUILDING SECTION SYMBOL
L1	SCHEDULED LOUVER TYPES
AC	ALUMINUM CANOPY
BV	BRICK VENEER
BVS	BRICK VENEER - SOLDIER COURSE
BVR	BRICK VENEER - ROWLOCK COURSE
CS	CAST STONE (SEE 7/A6.3)
DC	DECORATIVE COLUMN
DS	PREFINISHED METAL DOWNSPOUT
DSB	PREFINISHED METAL DOWNSPOUT TO BOOT
EIFS	EXTERIOR INSULATION FINISH SYSTEM
MAL	METAL ACCES LADDER TO ROOF
MCJ	MASONRY CONTROL JOINT LOCATIONS (BEHIND DOWNSPOUTS WHERE POSSIBLE) (SEE SHEET A9.1)
MR	MEMBRANE ROOFING
MRP	METAL ROOF PANELS
MWP	METAL WALL PANELS
PME	PREFINISHED METAL EAVE TRIM
PMF	PREFINISHED METAL FASCIA
PMG	PREFINISHED METAL GUTTER
PMR	PREFINISHED METAL RAKE TRIM
SW52	BRICK SCREEN WALL AND HEIGHT IN INCHES. (SEE DETAIL ON SHEET A9.1)
SW72	BRICK SCREEN WALL AND HEIGHT IN INCHES. (SEE STRUCTURAL DRAWINGS)

NOTE: REFER TO MECHANICAL AND EXTERIOR ELEVATIONS FOR PLACEMENT OF LOUVERS



TYPICAL LOUVER TYPES

SCALE: 1/4" = 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: EXTERIOR ELEVATIONS - PART "X"

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

JOB NO. 25-160B
SHEET NO. A4.1

0 1" 2"

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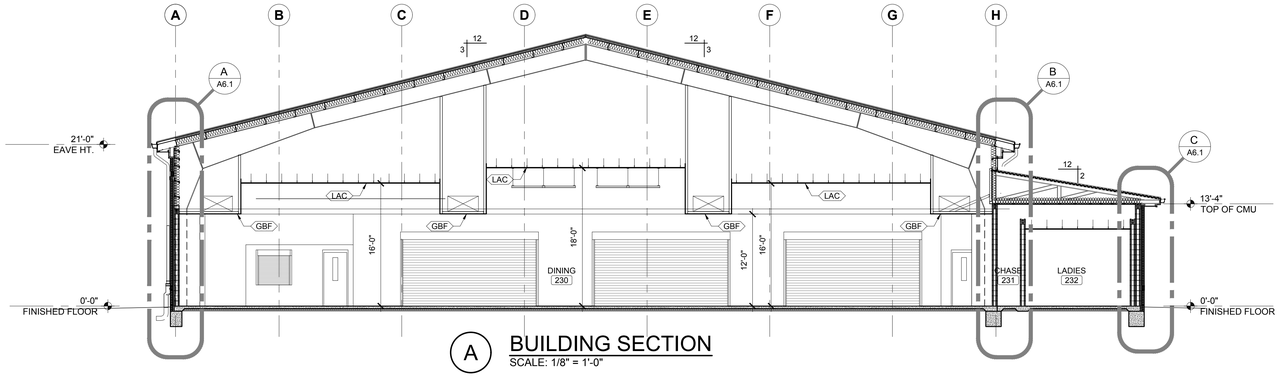
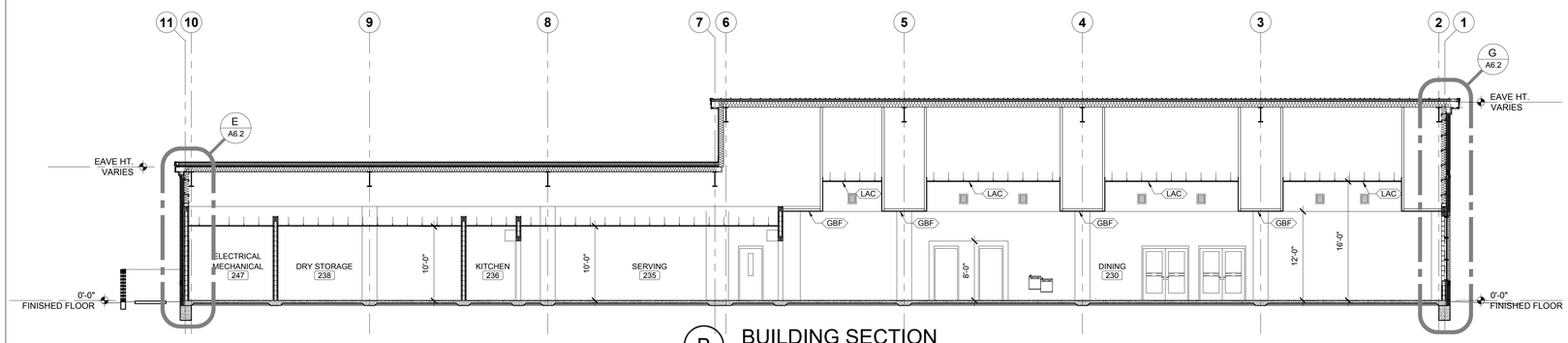


A BUILDING SECTION
SCALE: 1/8" = 1'-0"



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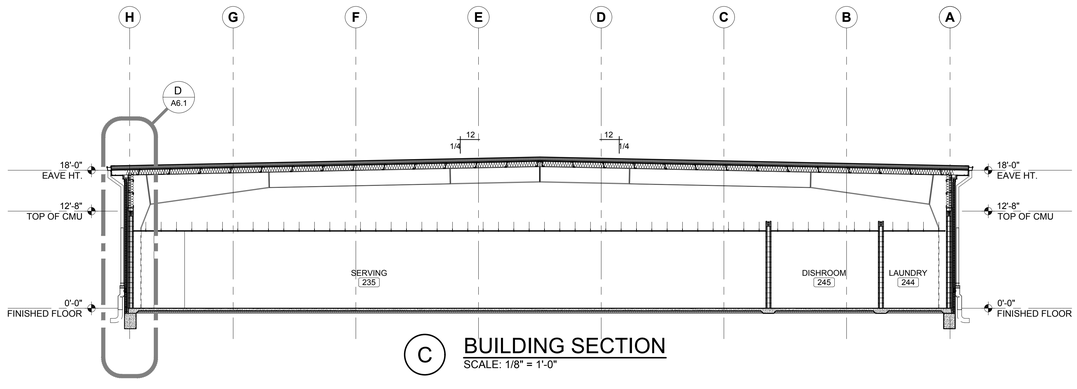

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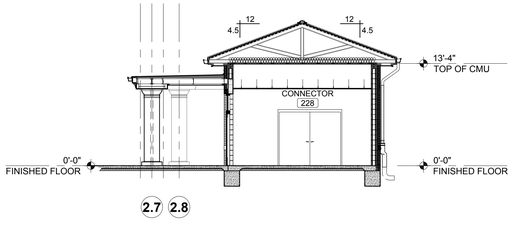

D BUILDING SECTION
SCALE: 1/8" = 1'-0"

BUILDING SECTION LEGEND

SYMBOL	DESCRIPTION
CMUP	CONCRETE MASONRY UNIT - PAINT
CMU	CONCRETE MASONRY UNIT - NO PAINT
MWP	METAL WALL PANELS
GB	GYPSUM BOARD - NO PAINT
GBF	GYPSUM BOARD FURRING
GBP	GYPSUM BOARD - PAINT
LAC	2' X 2' LAY IN ACOUSTICAL CEILING
MO	MASONRY OPENING

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: BUILDING SECTIONS

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

JOB NO. 25-160B
SHEET NO: A5.1

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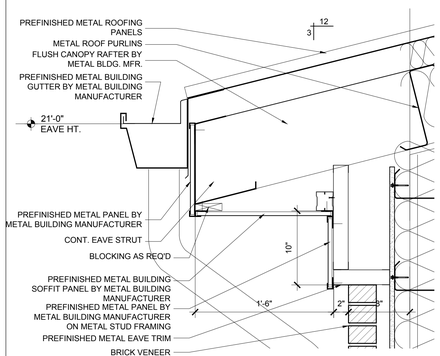

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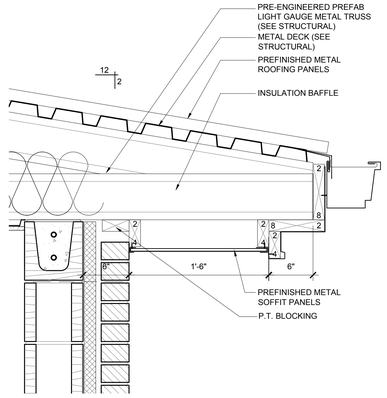

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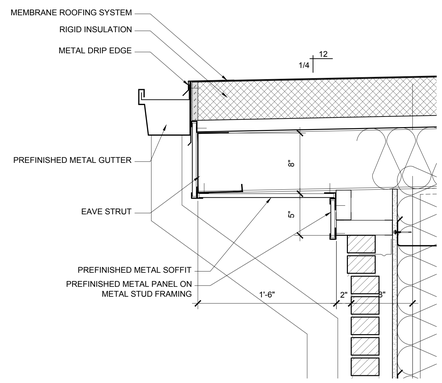

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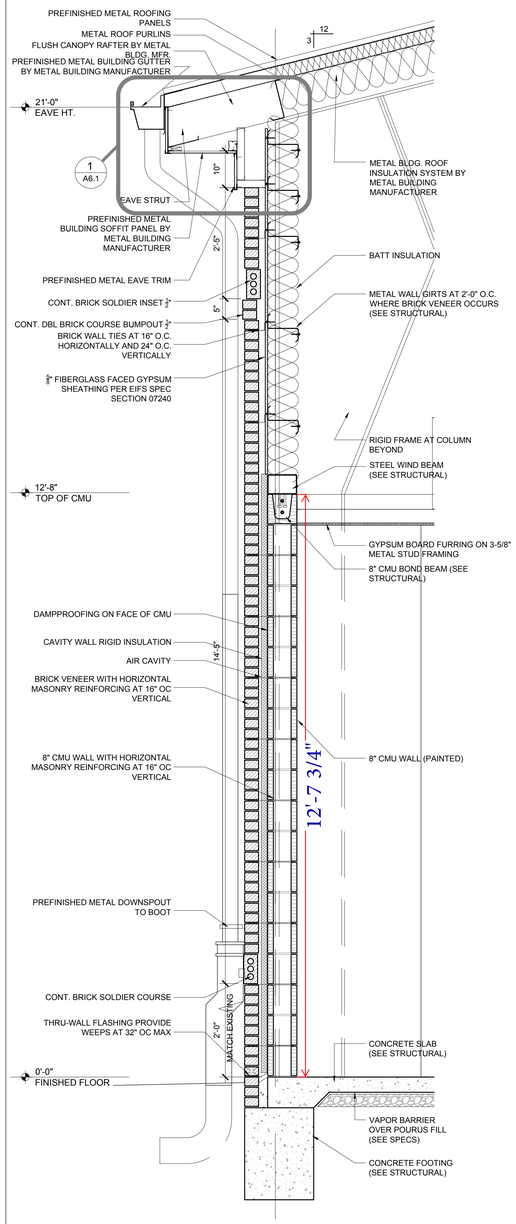

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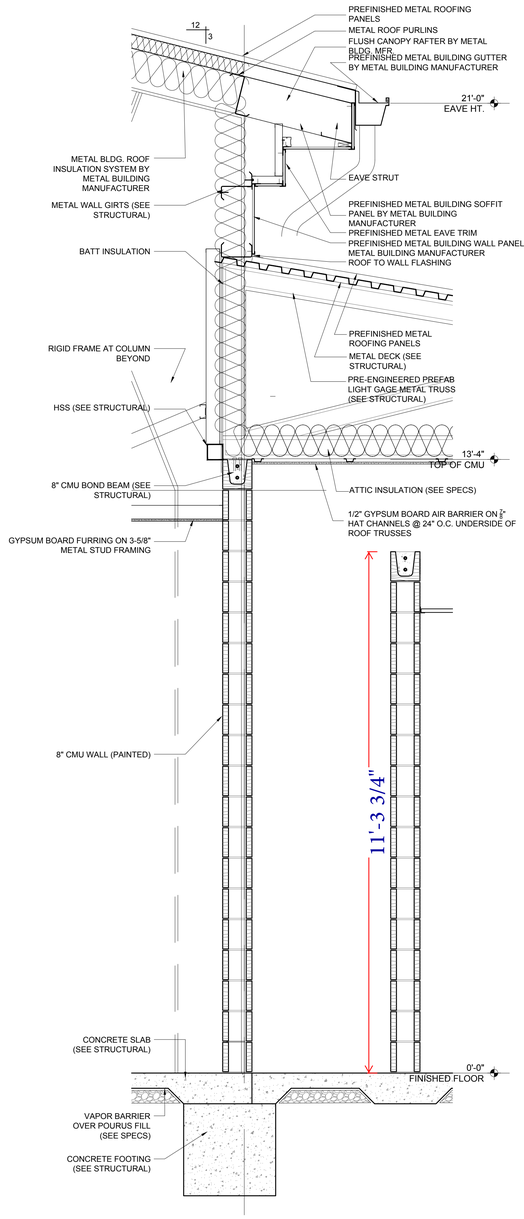

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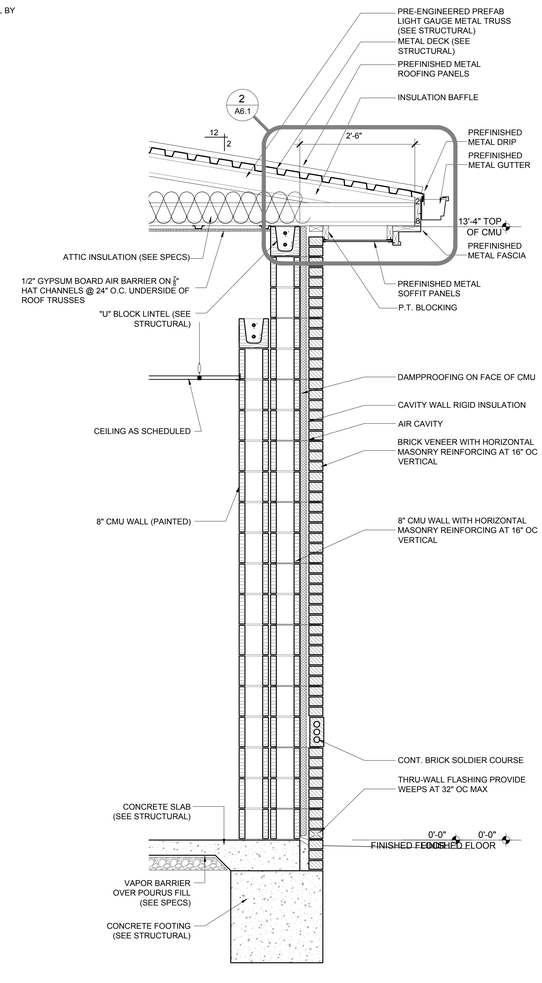

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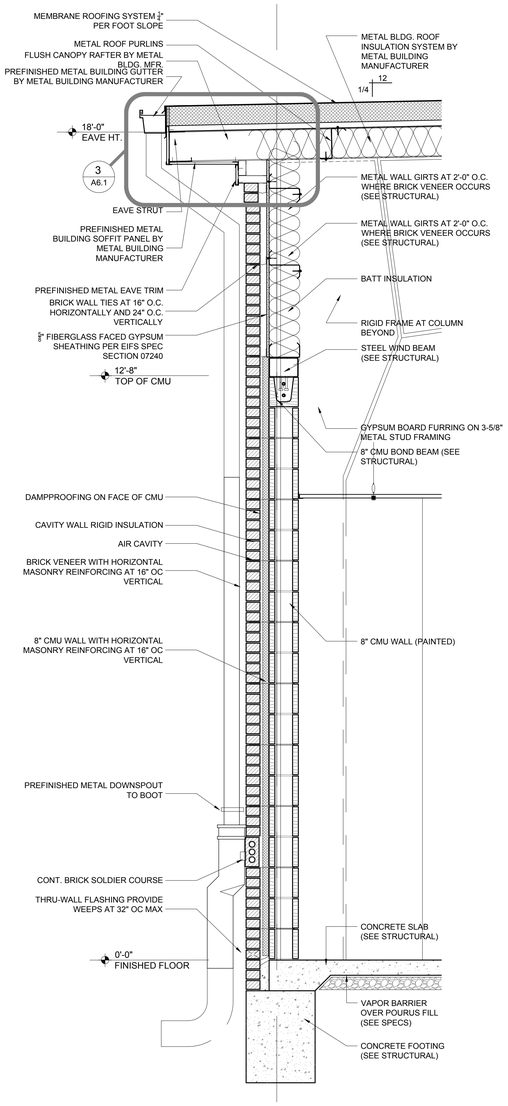

D WALL SECTION
SCALE: 3/4"=1'-0"

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: WALL SECTIONS

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	

JOB NO. 25-160B

SHEET NO. A6.1

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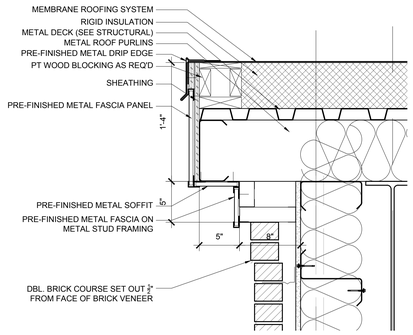

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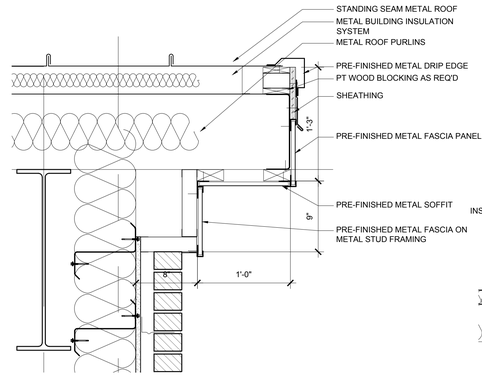
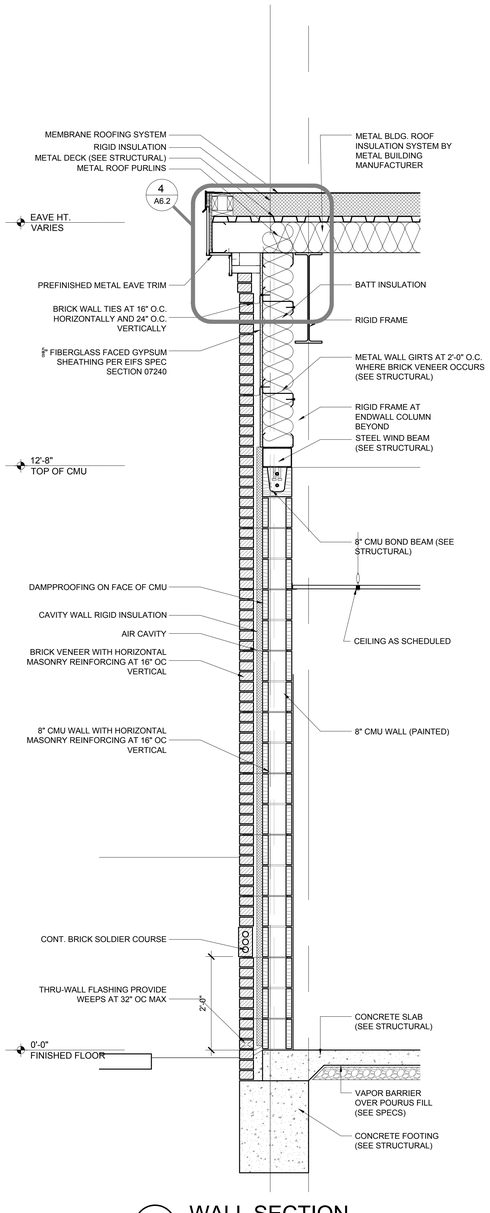


4.1 DETAIL
SCALE: 1 1/2"=1'-0"



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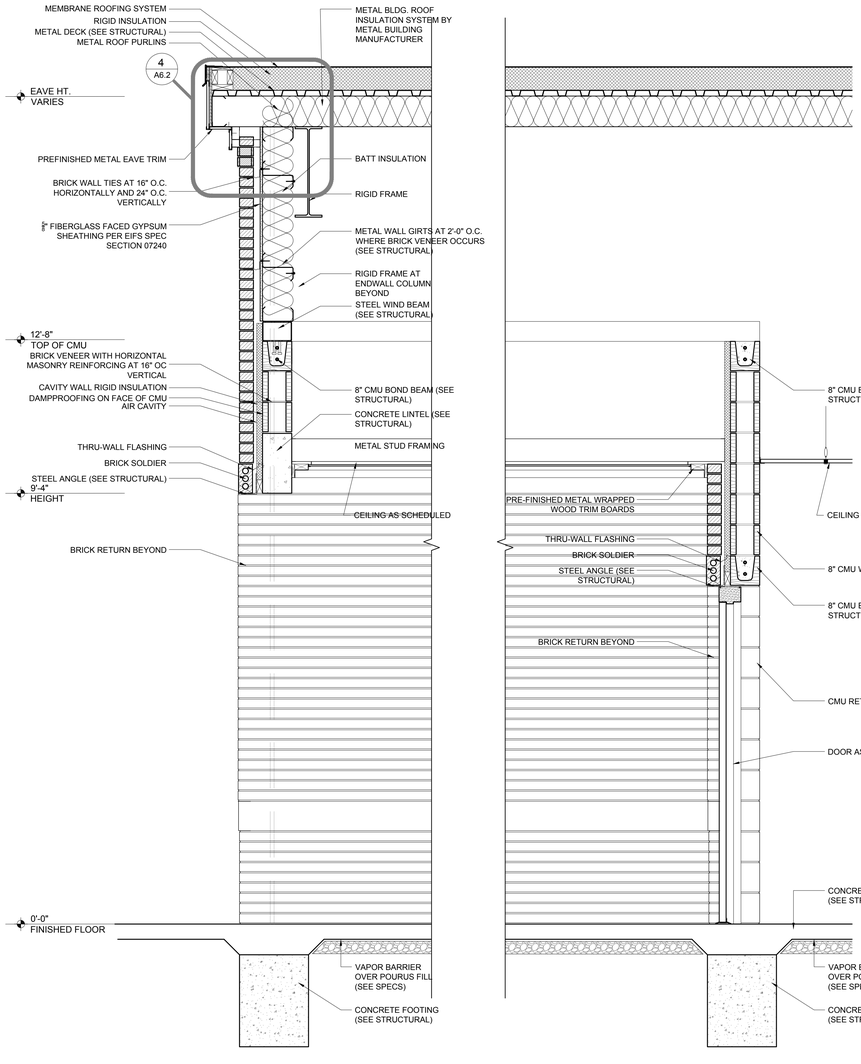

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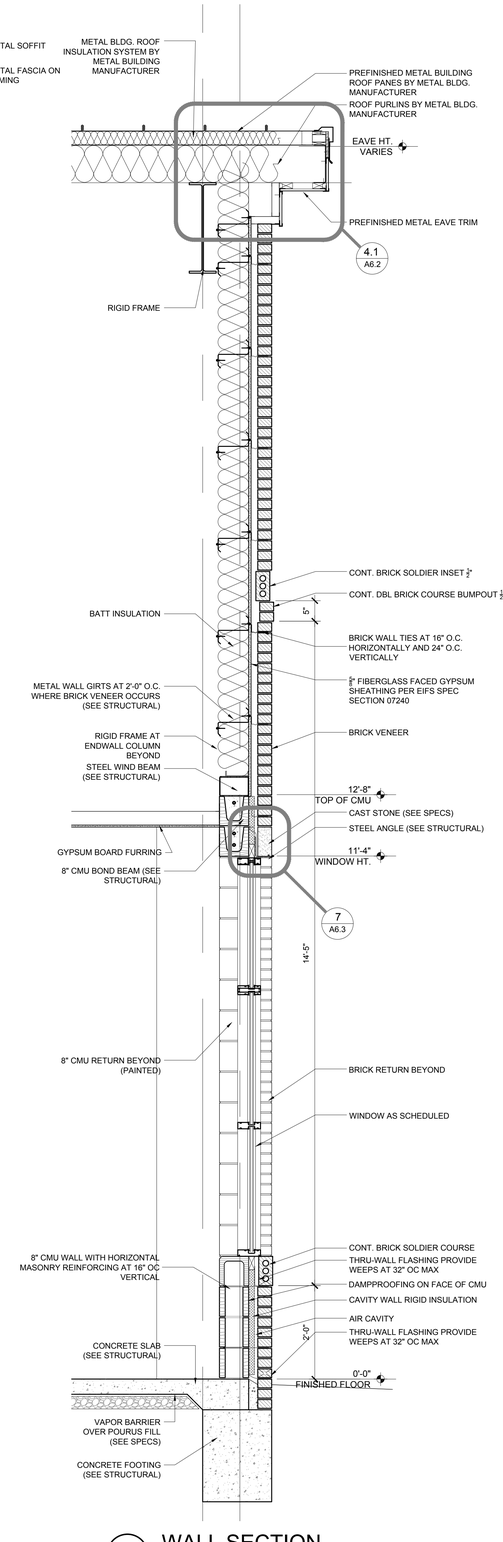

G WALL SECTION
SCALE: 3/4"=1'-0"

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: WALL SECTIONS

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	

JOB NO. 25-160B

SHEET NO: A6.2

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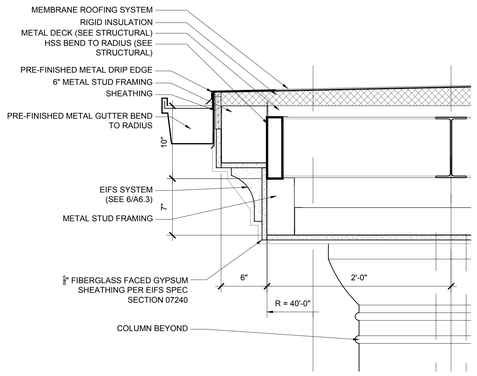
- Wednesday, March 25, 2026 12:56:08 PM



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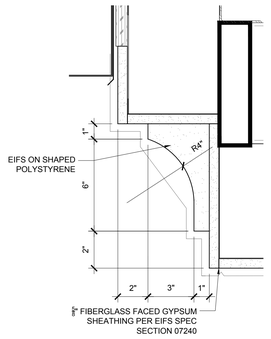
SCALE: 1 1/2"=1'-0"



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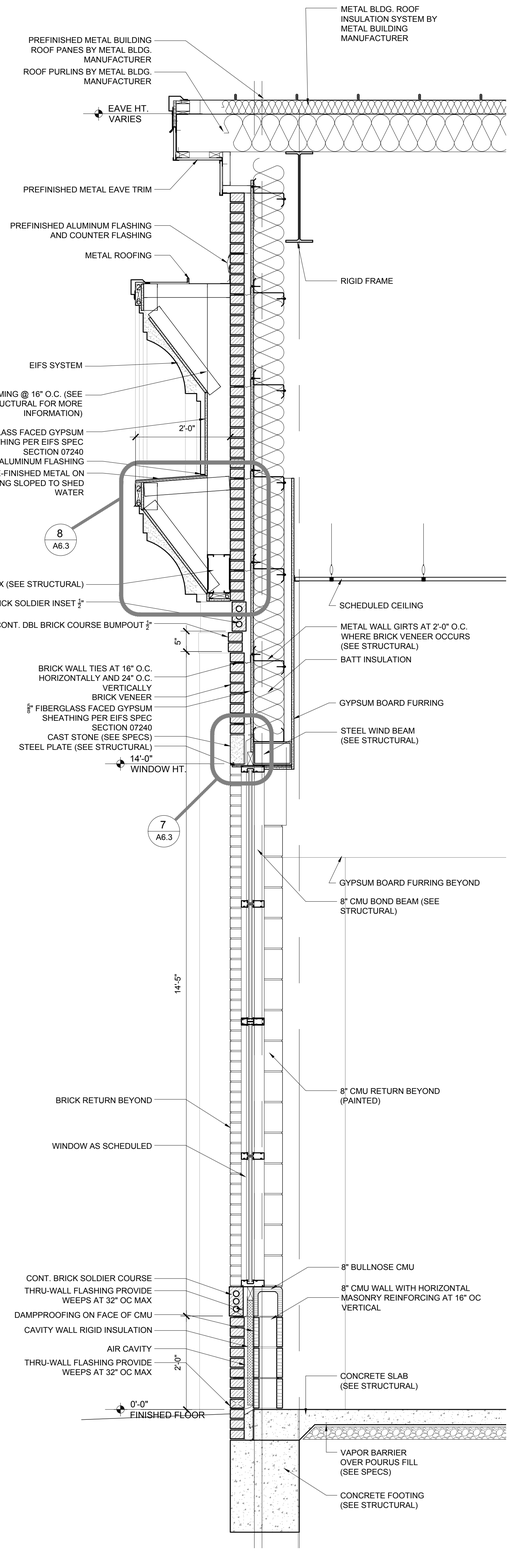

J WALL SECTION
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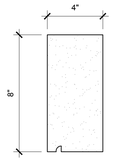

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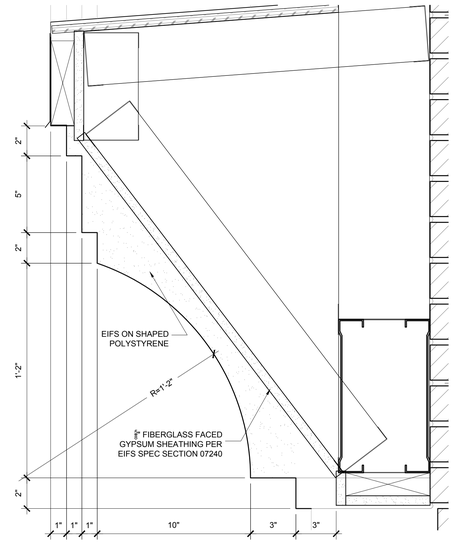

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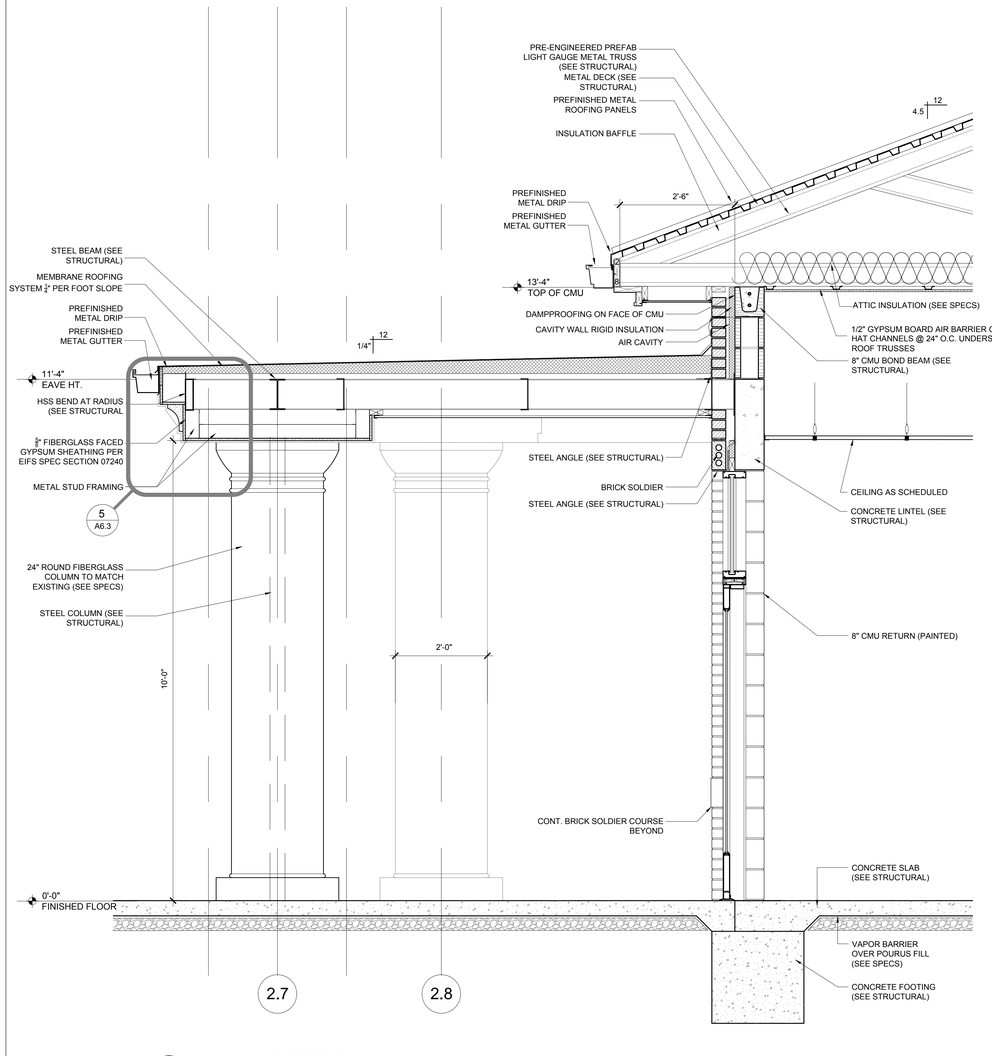

H WALL SECTION
SCALE: 3/4"=1'-0"

LATHAN
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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: WALL SECTIONS

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	

JOB NO. 25-160B
SHEET NO: A6.3

0 1" 2"

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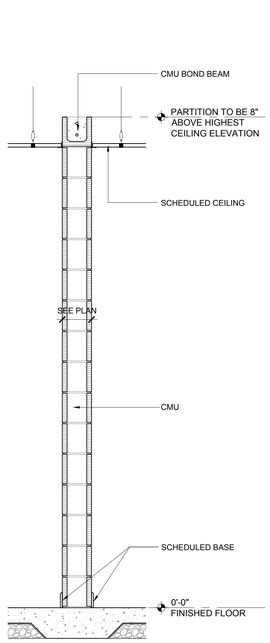

P1 PARTITION TYPES
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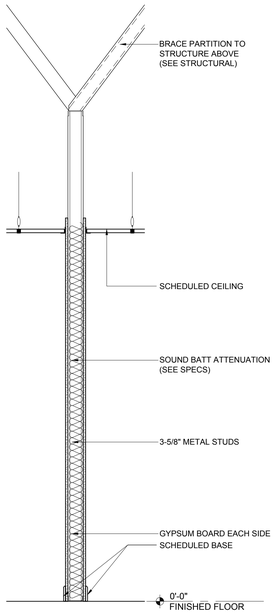

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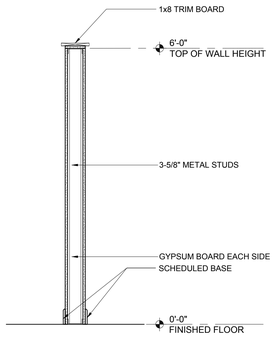

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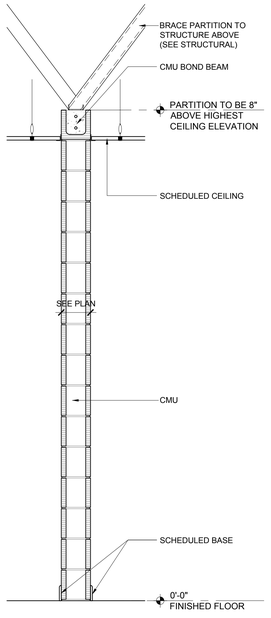
SCALE: 3/4"=1'-0"



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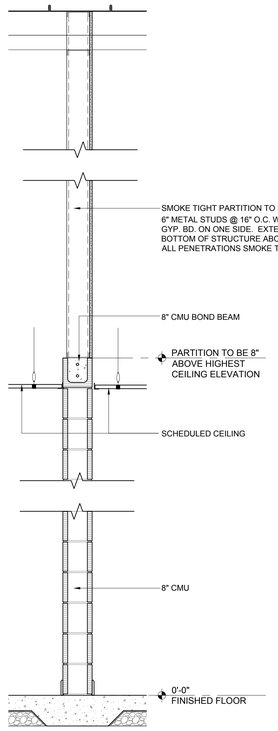

P5 PARTITION TYPES
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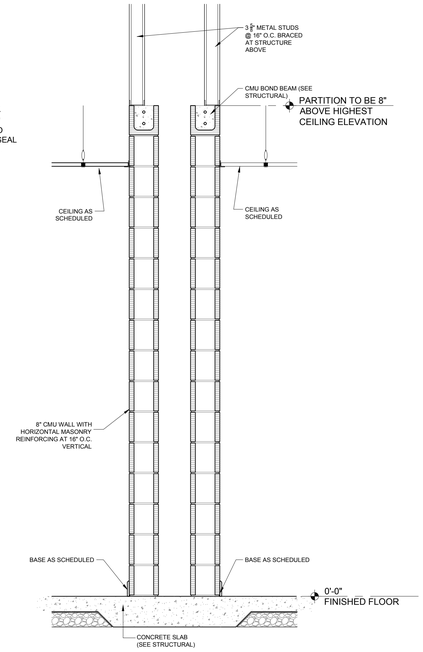

P6 PARTITION TYPES
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- Tuesday, March 24, 2026 2:20:34 PM

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: PARTITION TYPES

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	

JOB NO. 25-160B

SHEET NO:

A7.1

0 1" 2"

ROOM FINISH SCHEDULE

TYPICAL ACRONYMS
--- - NO WORK REQUIRED
GBP - GYPSUM BOARD - PAINT
MGBP - MOISTURE RESISTANT GYPSUM BOARD - PAINT
IGBP - IMPACT RESISTANT GYPSUM BOARD - PAINT
CMUP - CONCRETE MASONRY UNIT - PAINT
IMWP - INTERIOR METAL WALL PANELS

PLP - PLASTIC LAMINATE WALL PANELS
AWC - ACCOUSTICAL WALL COVERING
CT - CERAMIC TILE
PT - PORCELAIN TILE
PSC - POLISHED SEALED CONCRETE
TR - TERRAZZO
SC - SEALED CONCRETE

RFT - RUBBER FLOOR TILES
RSF - ROLL RUBBER SPORTS FLOORING
VCT - VINYL COMPOSITION TILE
WGF - WOOD GYMNASIUM FLOORING
CPT - CARPET
PF - POLYMER FLOORING
QT - QUARRY TILE

RB - RUBBER BASE
WB - WOOD BASE
VCB - VENTILATED COVE BASE
PPF- PAINTED PLYWOOD FLOORING

ROOM #	ROOM NAME	FLOOR	BASE	WALLS				CEILING		WAINS.	HEIGHT	REMARKS
				NORTH	SOUTH	EAST	WEST	TYPE	HEIGHT			
100	EXISTING VESTIBULE	---	---	---	---	---	---	---		---	---	---
100A	SECURE VESTIBULE	---	---	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN		---	---	---
100B	EXISTING LOBBY	---	---	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN		---	---	---
100C	CORRIDOR	LVT	RB	CMUP	CMUP	PAINT	---	SEE RCP PLAN		---	---	---
101	ATTENDANCE ADMINISTRATOR	LVT	RB	GBP	CMUP	PAINT	PAINT	SEE RCP PLAN		---	---	---
101A	SRO	LVT	RB	GBP	GBP	PAINT	GBP	SEE RCP PLAN		---	---	---
101B	IT	LVT	RB	PAINT	GBP	PAINT	GBP	SEE RCP PLAN		---	---	---
111	OFFICE	CPT	RB	PAINT	CMUP	PAINT	PAINT	SEE RCP PLAN		---	---	---
120	CONFERNCE	---	---	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN		---	---	---
121	MAIL ROOM	LVT	RB	PAINT	PAINT	GBP	PAINT	SEE RCP PLAN		---	---	---
122	OFFICE	CPT	RB	CMUP	CMUP	GBP	GBP	SEE RCP PLAN		---	---	---
123	OFFICE	CPT	RB	PAINT	CMUP	GBP	GBP	SEE RCP PLAN		---	---	---
124	OFFICE	CPT	RB	PAINT	CMUP	GBP	GBP	SEE RCP PLAN		---	---	---
125	LOBBY	CPT	RB	CMUP	GBP	GBP	PAINT	SEE RCP PLAN		---	---	---
125A	STORAGE	---	---	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN		---	---	---
125B	OFFICE	CPT	RB	GBP	PAINT	GBP	PAINT	SEE RCP PLAN		---	---	---
125C	UTILITY	SC	RB	GBP	PAINT	GBP	GBP	SEE RCP PLAN		---	---	---
125D	OFFICE	CPT	RB	GBP	PAINT	GBP	GBP	SEE RCP PLAN		---	---	---
125E	OFFICE	CPT	RB	GBP	GBP	GBP	GBP	SEE RCP PLAN		---	---	---
126	OFFICE	CPT	RB	PAINT	CMUP	GBP	GBP	SEE RCP PLAN		---	---	---
127	OFFICE	CPT	RB	PAINT	CMUP	GBP	GBP	SEE RCP PLAN		---	---	---
128	OFFICE	CPT	RB	PAINT	CMUP	GBP	GBP	SEE RCP PLAN		---	---	---
130	MEETING ROOM	LVT	RB	CMUP	PAINT	PAINT	GBP	SEE RCP PLAN		---	---	---
130A	STORAGE	LVT	RB	CMUP	GBP	GBP	GBP	SEE RCP PLAN		---	---	---

ROOM FINISH SCHEDULE

TYPICAL ACRONYMS
--- - NO WORK REQUIRED
GBP - GYPSUM BOARD - PAINT
MGBP - MOISTURE RESISTANT GYPSUM BOARD - PAINT
IGBP - IMPACT RESISTANT GYPSUM BOARD - PAINT
CMUP - CONCRETE MASONRY UNIT - PAINT
IMWP - INTERIOR METAL WALL PANELS

PLP - PLASTIC LAMINATE WALL PANELS
AWC - ACCOUSTICAL WALL COVERING
CT - CERAMIC TILE
PT - PORCELAIN TILE
PSC - POLISHED SEALED CONCRETE
TR - TERRAZZO
SC - SEALED CONCRETE

RFT - RUBBER FLOOR TILES
RSF - ROLL RUBBER SPORTS FLOORING
VCT - VINYL COMPOSITION TILE
WGF - WOOD GYMNASIUM FLOORING
CPT - CARPET
PF - POLYMER FLOORING
QT - QUARRY TILE

RB - RUBBER BASE
WB - WOOD BASE
VCB - VENTILATED COVE BASE
PPF- PAINTED PLYWOOD FLOORING

ROOM #	ROOM NAME	FLOOR	BASE	WALLS				CEILING		WAINS.	HEIGHT	REMARKS
				NORTH	SOUTH	EAST	WEST	TYPE	HEIGHT			
228	CONNECTOR	LVT	RB	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
229	VESTIBULE	LVT	RB	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
230	DINING	LVT	RB	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
231	PLUMBING CHASE	SC	--	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
232	LADIES	PT	PT	PT/CMUP	PT/CMUP	CMUP	CMUP	SEE RCP PLAN		PT	7'-0"	WAINSCOT ON PLUMBING WALLS
233	GENTLEMEN	PT	PT	PT/CMUP	PT/CMUP	CMUP	CMUP	SEE RCP PLAN		PT	7'-0"	WAINSCOT ON PLUMBING WALLS
234	PLUMBING CHASE	SC	--	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
235	SERVING	EP	EP	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
236	KITCHEN	EP	EP	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
237	OFFICE	EP	EP	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
238	DRY STORAGE	EP	EP	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
239	COOLER	--	--	---	---	---	---	----		---	---	---
240	FREEZER	--	--	---	---	---	---	----		---	---	---
241	FREEZER	--	--	---	---	---	---	----		---	---	---
242A	UNISEX	PT	PT	CMUP	CMUP	PT/CMUP	CMUP	SEE RCP PLAN		PT	5'-0"	WAINSCOT ON PLUMBING WALLS
242B	UNISEX	PT	PT	CMUP	CMUP	CMUP	PT/CMUP	SEE RCP PLAN		PT	5'-0"	WAINSCOT ON PLUMBING WALLS
242C	LOCKERS	EP	EP	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
243	LAUNDRY	EP	EP	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
244	STORAGE	EP	EP	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
245	DISHROOM	EP	EP	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
246	JANITOR	PT	PT	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---
247	ELECTRICAL/MECHANICAL	SC	RB	CMUP	CMUP	CMUP	CMUP	SEE RCP PLAN		---	---	---

LATHAN
▪ McKEE
ARCHITECTS

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

SHEET TITLE: ROOM FINISH SCHEDULE

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	

JOB NO. 25-160B

SHEET NO:

A8.1

0 1" 2"

- /Users/kddarchitect/LATHAN-McKEE PROJECTS/Fairhope HS Addition/A8.X Schedules.dwg
- Wednesday, March 25, 2026 11:03:30 AM

DOOR SCHEDULE

DOOR #	WIDTH	HEIGHT	THICKNESS	MATERIALS	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME FINISH	LABEL	DETAILS HEAD	DETAILS JAMB	SIGNAGE	REMARKS
100	PR.3'-0" ETR	---	---	EXISTING HM DOOR TO REMAIN	---	CLEAN & PAINT	ETR	CLEAN & REPAINT	---	---	---	---	EXIST. DOOR, FRAME & HARDWARE TO REMAIN, BE PROTECTED, CLEANED AND REFINISHED.
100A	PR.3'-0" ETR	---	---	EXISTING HM DOOR TO REMAIN	---	CLEAN & PAINT	ETR	CLEAN & REPAINT	---	---	---	---	EXIST. DOOR, FRAME & HARDWARE TO REMAIN, BE PROTECTED, CLEANED AND REFINISHED.
100B	PR. 3'-0"	7'-0"	1 3/4"	HOLLOW METAL	A	PAINT	HM3	PAINT	---	15/A8.4	16/A8.4	---	---
101	3'-0" ETR	---	---	EXISTING WOOD DOOR TO REMAIN	---	CLEAN & RESTAIN	ETR	CLEAN & REPAINT	---	---	---	ADMINISTRATOR	EXIST. DOOR, FRAME & HARDWARE TO REMAIN, BE PROTECTED, CLEANED AND REFINISHED.
101A	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM4	PAINT	---	7/A8.4	8/A8.4	SRO	---
101B	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	IT	---
111	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	OFFICE	---
120	3'-0" ETR	---	---	EXISTING WOOD DOOR TO REMAIN	---	CLEAN & RESTAIN	ETR	CLEAN & REPAINT	---	---	---	CONFERENCE	EXIST. DOOR, FRAME & HARDWARE TO REMAIN, BE PROTECTED, CLEANED AND REFINISHED.
121	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	MAIL ROOM	---
122	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	OFFICE	---
123	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	OFFICE	---
124	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM5	PAINT	---	13/A8.4	16/A8.4	OFFICE	---
125	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM5	PAINT	---	13/A8.4	16/A8.4	LOBBY	---
125A	3'-0" ETR	---	---	EXISTING WOOD DOOR TO REMAIN	---	CLEAN & RESTAIN	ETR	CLEAN & REPAINT	---	---	---	STORAGE	EXIST. DOOR, FRAME & HARDWARE TO REMAIN, BE PROTECTED, CLEANED AND REFINISHED.
125B	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	OFFICE	---
125C	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	UTILITY	---
125D	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	OFFICE	---
125E	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	OFFICE	---
126	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM4	PAINT	---	13/A8.4	16/A8.4	OFFICE	---
127	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM6	PAINT	---	13/A8.4	16/A8.4	OFFICE	---
128	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM7	PAINT	---	13/A8.4	16/A8.4	OFFICE	---
130A	PR. 3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	STORAGE	---
130B	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM5	PAINT	---	13/A8.4	16/A8.4	MEETING ROOM	---
130C	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	MEETING ROOM	---

SIGN MOUNTING HEIGHT

703.4.1 HEIGHT ABOVE FINISH FLOOR OF GROUND
TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES (1220 mm) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES (1525 mm) MAXIMUM ABOVE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER.
EXCEPTION: BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 3/8 INCHES (4.8 mm) MINIMUM AND SHALL BE LOCATED EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.

703.4.2 LOCATION
WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT THE CLEAR FLOOR SPACE OF 18 INCHES (455 mm) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSEST POSITION AND 45 DEGREE OPEN POSITION.
EXCEPTION: SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.

SIGNAGE NOTES:

FURNISH INDIVIDUAL PLASTIC LAMINATE SIGNAGE SYSTEM WITH ROOM OR OCCUPANTS NAME AND ROOM NUMBER. FINAL WORDING TO BE FURNISHED WHEN SHOP DRAWINGS FOR SIGNAGE SYSTEM ARE SUBMITTED. FURNISH INDIVIDUAL PLASTIC LAMINATE RESTROOM SIGNS FOR DOOR(S) AND HANDICAPPED ACCESS SIGN TO BE PLACED ON WALL BESIDE RESTROOM DOOR(S) -SEE DIAGRAM.

LABELED DOOR AND FRAME NOTE:

HOURLY RATING DESIGNATIONS AND / OR ALPHABETICAL LETTER DESIGNATIONS ARE GIVEN WHERE PROTECTED OPENINGS ARE REQUIRED IN RATED PARTITIONS. THESE OPENING PROTECTIVE ASSEMBLIES SHALL INCLUDE THE FRAME, DOOR, HARDWARE, CLOSING DEVICE, SILL AND ANCHORAGE. CONTRACTOR SHALL SEE THAT NO COMPONENT IS OMITTED OR SUBSTANDARD QUALITY USED SUCH THAT THE EFFECTIVENESS OF THE ENTIRE OPENING AS A FIRE OR SMOKE BARRIER MIGHT BE JEOPARDIZED. DOORS AND FRAMES SHALL BE FURNISHED WITH UNDERWRITER'S LABORATORIES OR WARNOCKHERSEY LABELS WITH APPROPRIATE FIRE RESISTANCE RATINGS FOR THE CLASS OF OPENING SCHEDULED. SUBJECT TO DOOR MANUFACTURER'S PROCEDURAL LIMITATIONS, LABELS SHOULD BEAR THE FOLLOWING NOTATION: "FIRE DOOR, TO BE EQUIPPED WITH FIRE EXIT HARDWARE"

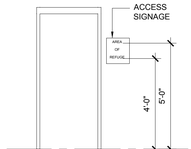
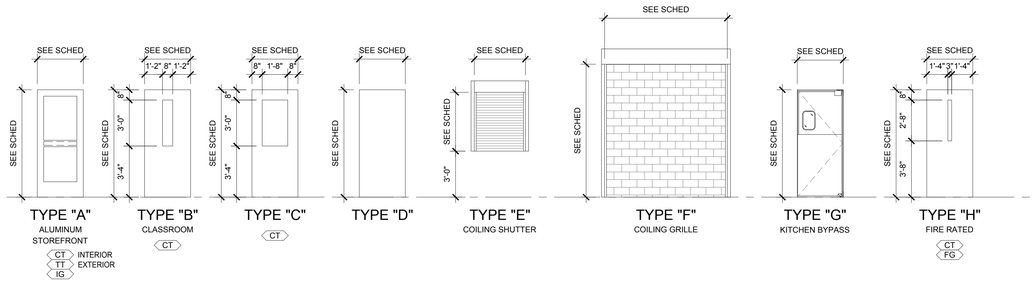


Figure 703.4.1
Height of Tactile Characters Above Finish Floor or Ground

Figure 703.4.2
Location of Tactile Signs at Doors



TYPICAL DOOR TYPES
SCALE: 1/4" - 1'-0"

NOTE:
AT GLAZED OPENINGS IN WOOD DOORS, TRIM OPENINGS WITH FLAT WOOD MOLDINGS TO MATCH THE DOOR.

DOOR SCHEDULE

DOOR #	WIDTH	HEIGHT	THICKNESS	MATERIALS	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME FINISH	LABEL	DETAILS HEAD	DETAILS JAMB	SIGNAGE	REMARKS
228A	PR. 3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	A	FACTORY	AF1	FACTORY	---	3/A8.4	2/A8.4	---	---
228B	PR. 3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	A	FACTORY	AF1	FACTORY	---	3/A8.4	2/A8.4	---	---
228C	PR. 4'-0"	7'-0"	1 3/4"	HOLLOW METAL	H	FACTORY	HM1	PAINT	90 MIN.	13/A8.4	14/A8.4	CAFETERIA	---
228D	PR.3'-0" ETR	---	---	EXISTING HM DOOR TO REMAIN	---	CLEAN & PAINT	ETR	CLEAN & REPAINT	---	---	---	---	EXIST. DOOR, FRAME & HARDWARE TO REMAIN, BE PROTECTED, CLEANED AND REFINISHED.
229A	PR. 3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	A	FACTORY	AF2	FACTORY	---	3/A8.4	4/A8.4	---	---
229B	PR. 3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	A	FACTORY	AF2	FACTORY	---	3/A8.4	4/A8.4	---	---
230A	PR. 3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	C	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	---	---
230B	PR. 3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	C	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	---	---
230C	3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	B	FACTORY	AF3	FACTORY	---	5/A8.4	6/A8.4	---	---
230D	PR. 3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	A	FACTORY	AF4	FACTORY	---	1/A8.4	2/A8.4	---	---
230E	3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	A	FACTORY	AF3	FACTORY	---	1/A8.4	2/A8.4	---	---
231	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	---	---
232	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	LADIES	---
233	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	GENTLEMEN	---
234	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	---	---
235A	3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	D	FACTORY	AF3	FACTORY	---	1/A8.4	2/A8.4	---	---
235B	18'-0"	8'-0"	---	COILING DOOR	F	FACTORY	---	FACTORY	---	17/A8.4	18/A8.4	SERVING	---
235C	18'-0"	8'-0"	---	COILING DOOR	F	FACTORY	---	FACTORY	---	17/A8.4	18/A8.4	SERVING	---
235D	18'-0"	8'-0"	---	COILING DOOR	F	FACTORY	---	FACTORY	---	17/A8.4	18/A8.4	SERVING	---
235E	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	KITCHEN	---
236A	3'-0"	7'-0"	1 3/4"	ALUMINUM TRAFFIC DOOR	G	FACTORY	---	---	---	---	---	---	---
236B	3'-0"	7'-0"	1 3/4"	ALUMINUM TRAFFIC DOOR	G	FACTORY	---	---	---	---	---	---	---
236C	3'-0"	7'-0"	1 3/4"	ALUMINUM TRAFFIC DOOR	G	FACTORY	---	---	---	---	---	---	---
237A	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	C	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	OFFICE	---
237B	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	C	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	OFFICE	---
238A	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	DRY STORAGE	---
238B	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	DRY STORAGE	---
242A	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	UNISEX	---
242B	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	UNISEX	---
242C	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	LOCKERS	---
243	3'-4"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	C	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	LAUNDRY	DOOR CLOSER W/ LATCH REQUIRED
244	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	STORAGE	---
245A	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	B	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	DISHROOM	---
245B	4'-8"	4'-0"	---	COILING SHUTTER	E	FACTORY	---	FACTORY	---	PER MANUF.	PER MANUF.	---	---
245C	3'-0"	7'-0"	1 3/4"	ALUMINUM TRAFFIC DOOR	G	FACTORY	---	---	---	---	---	---	---
245D	4'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	B	FACTORY	AF3	FACTORY	---	1/A8.4	2/A8.4	---	---
246	3'-0"	7'-0"	1 3/4"	FLUSH WOOD SOLID CORE	D	STAIN	HM1	PAINT	---	13/A8.4	14/A8.4	JANITOR	---
247	PR. 3'-0"	7'-0"	1 3/4"	FIBERGLASS REINFORCED PLASTIC	D	FACTORY	AF4	FACTORY	---	1/A8.4	2/A8.4	ELECTRICAL/MECHANICAL	PANIC BAR REQUIRED

NOTE:
AF = ALUMINUM TUBE FRAME BY FRP DOOR MANUFACTURER
HM = HOLLOW METAL (STEEL)
ASF = ALUMINUM STOREFRONT
FRP = FIBERGLASS REINFORCED PLASTIC

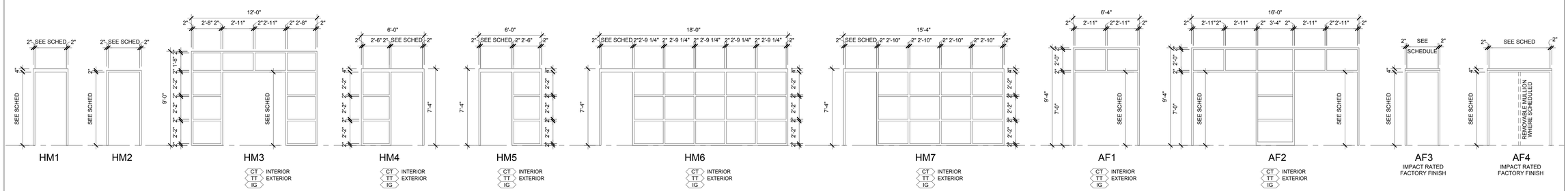
41 HM FRAMES
41 DOORS & HDW

3 COILING DOORS
1 COILING SHUTTER

8 ALM STOREFRONT FRAMES
20 ALM DOORS & HDW

GLAZING SCHEDULE

SYMBOL	DESCRIPTION
CA	CLEAR ANNEALED
CT	CLEAR TEMPERED
IG	INSULATING GLASS
TT	TINTED TEMPERED
FG	FIRE GLASS

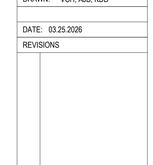


TYPICAL FRAME TYPES
SCALE: 1/4" - 1'-0"

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: DOOR SCHEDULE AND TYPES



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

JOB NO. 25-160B
SHEET NO: A8.2

0 1" 2"

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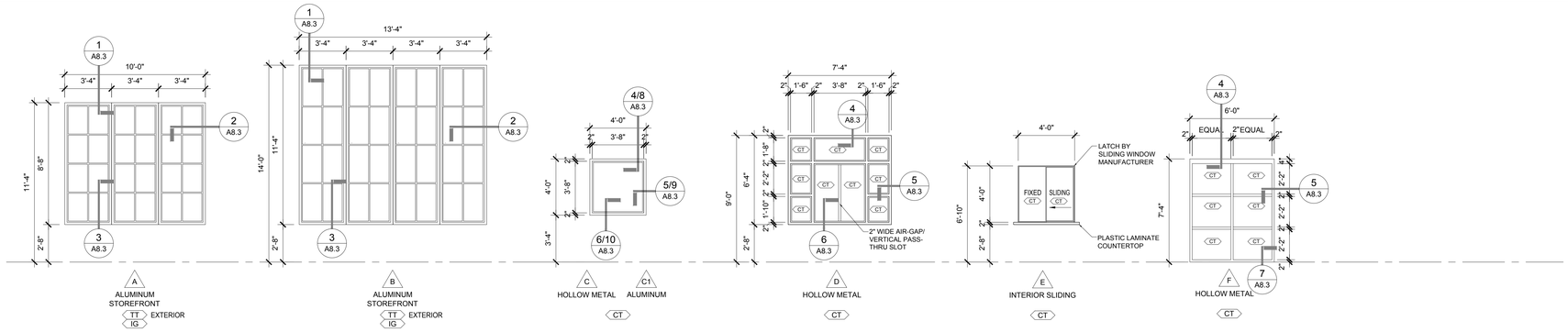
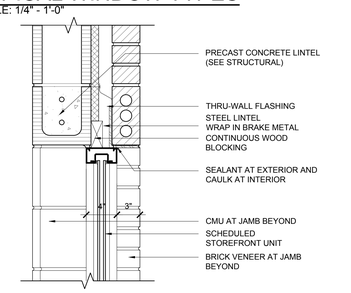


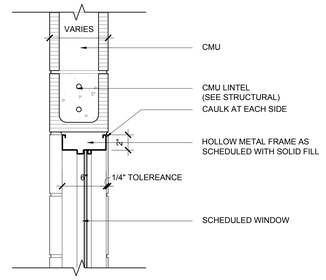
TYPICAL WINDOW TYPES

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



1 WINDOW DETAIL

SCALE: 1 1/2"=1'-0" HEAD



4 WINDOW DETAIL

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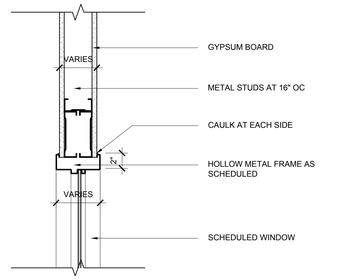


8 WINDOW DETAIL

SCALE: 1 1/2"=1'-0" HEAD

2 WINDOW DETAIL

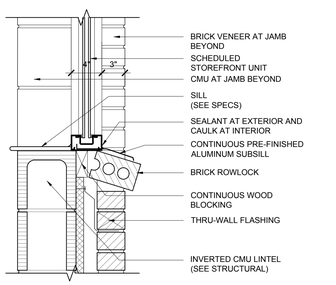
SCALE: 1 1/2"=1'-0" JAMB

5 WINDOW DETAIL

SCALE: 1 1/2"=1'-0" HEAD

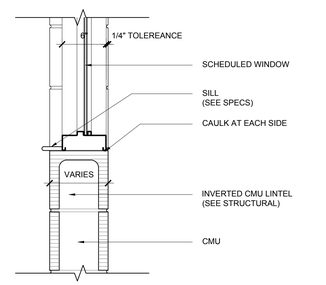
9 WINDOW DETAIL

SCALE: 1 1/2"=1'-0" HEAD



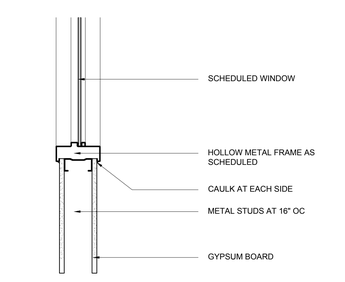
3 WINDOW DETAIL

SCALE: 1 1/2"=1'-0" SILL



6 WINDOW DETAIL

SCALE: 1 1/2"=1'-0" JAMB



10 WINDOW DETAIL

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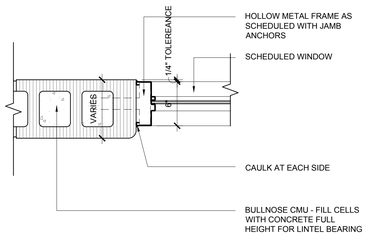

7 WINDOW DETAIL

SCALE: 1 1/2"=1'-0" JAMB

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: WINDOW TYPES AND DETAILS

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

JOB NO. 25-160B
SHEET NO.
A8.3

0 1" 2"

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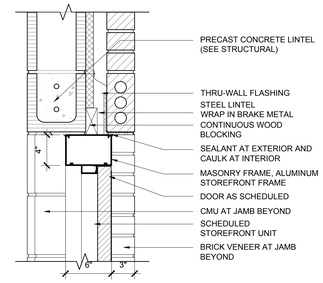
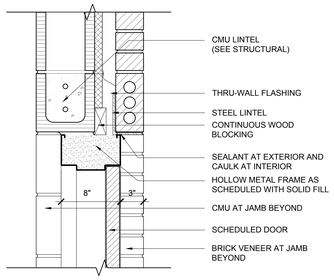
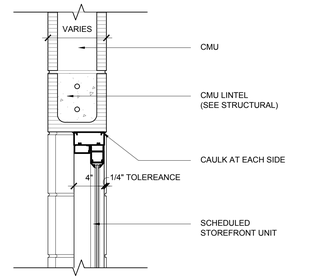
- Wednesday, March 25, 2026 11:03:32 AM



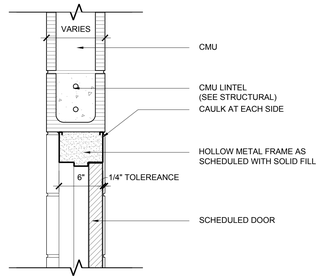
1 DOOR DETAIL
SCALE: 1 1/2"=1'-0" HEAD



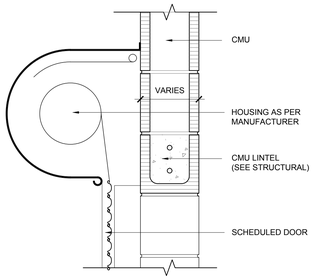
5 DOOR DETAIL
SCALE: 1 1/2"=1'-0" HEAD



9 DOOR DETAIL
SCALE: 1 1/2"=1'-0" HEAD



13 DOOR DETAIL
SCALE: 1 1/2"=1'-0" HEAD



17 DOOR DETAIL
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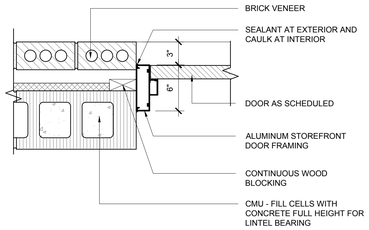

2 DOOR DETAIL
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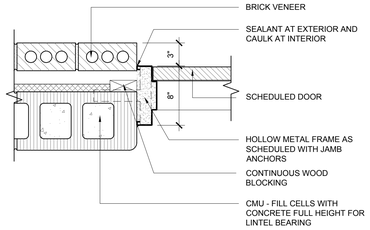

6 DOOR DETAIL
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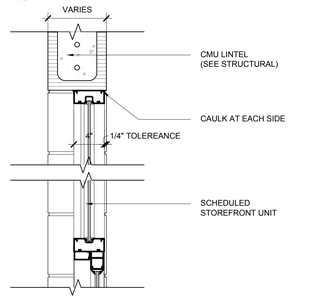

10 DOOR DETAIL
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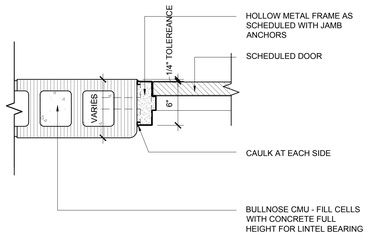

14 DOOR DETAIL
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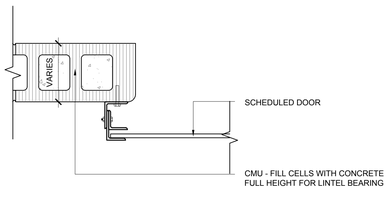

18 DOOR DETAIL
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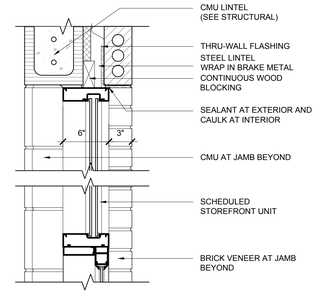

3 DOOR DETAIL
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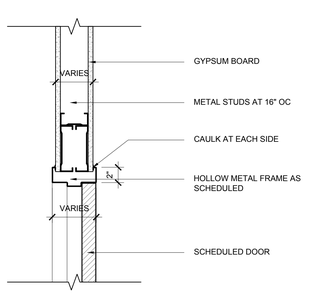

7 DOOR DETAIL
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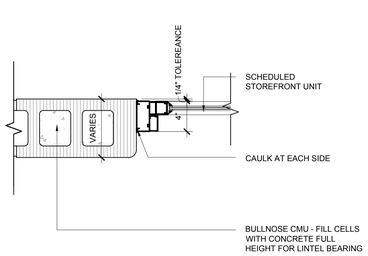
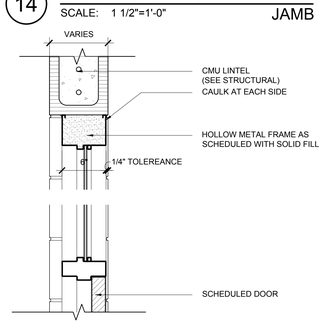
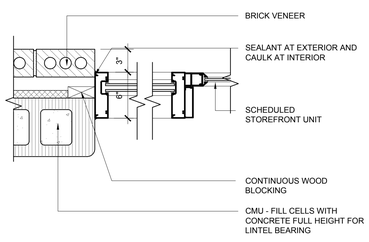


11 DOOR DETAIL
SCALE: 1 1/2"=1'-0" JAMB



15 DOOR DETAIL
SCALE: 1 1/2"=1'-0" HEAD



4 DOOR DETAIL
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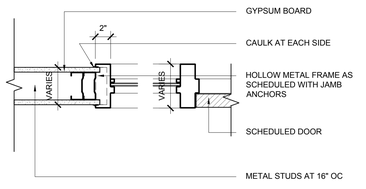

8 DOOR DETAIL
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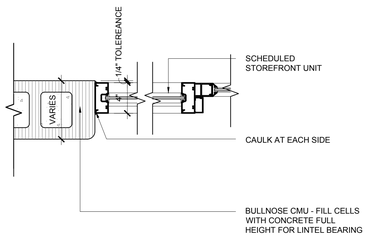

12 DOOR DETAIL
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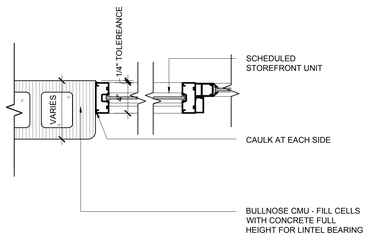

16 DOOR DETAIL
SCALE: 1 1/2"=1'-0" JAMB

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: DOOR DETAILS

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	

JOB NO. 25-160B

SHEET NO.

A8.4

0 1" 2"

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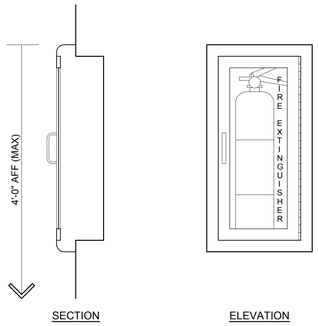
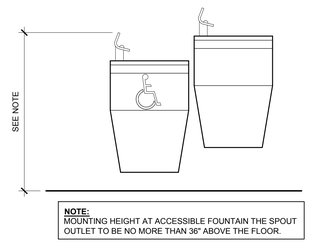
- Wednesday, March 25, 2026 11:03:33 AM



FIRE EXTINGUISHER CABINET (FEC)
SCALE: 1 1/2" - 1'-0"



ELECTRIC WATER COOLER (EWC)
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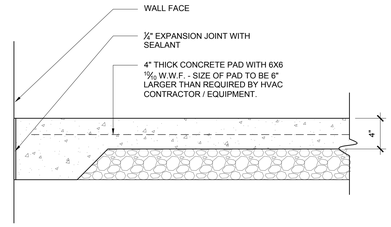
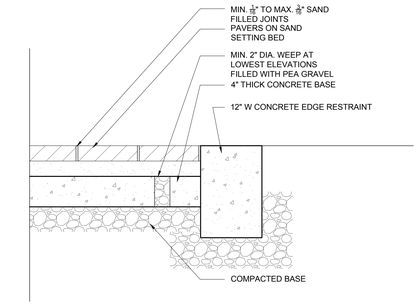


HVAC EQUIPMENT PAD (CEP)
SCALE: 1 1/2" - 1'-0"



BRICK PAVER DETAIL
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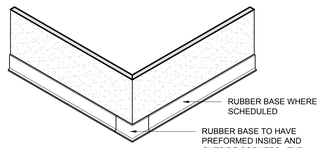

RUBBER BASE DETAIL
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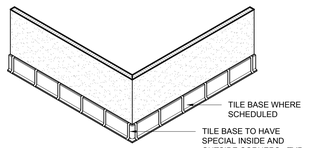

HARD TILE DETAIL
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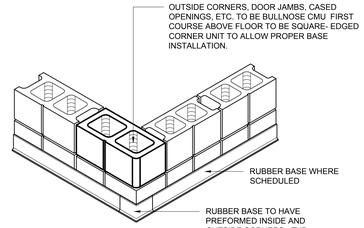

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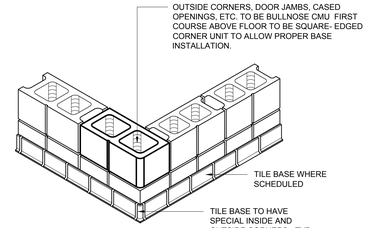

HARD TILE DETAIL
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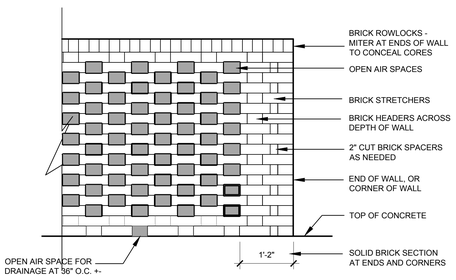

(SW) SCREEN WALL ELEVATION
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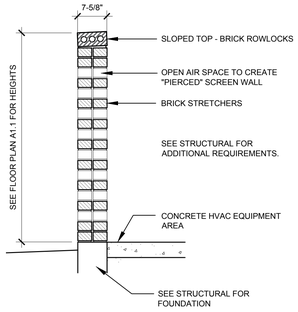

(SW) SCREEN WALL SECTION
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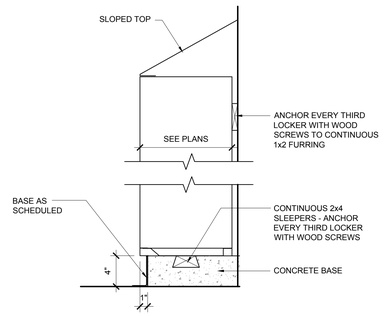

LOCKER DETAIL
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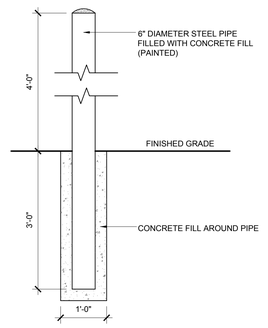

PIPE BOLLARD (PB)
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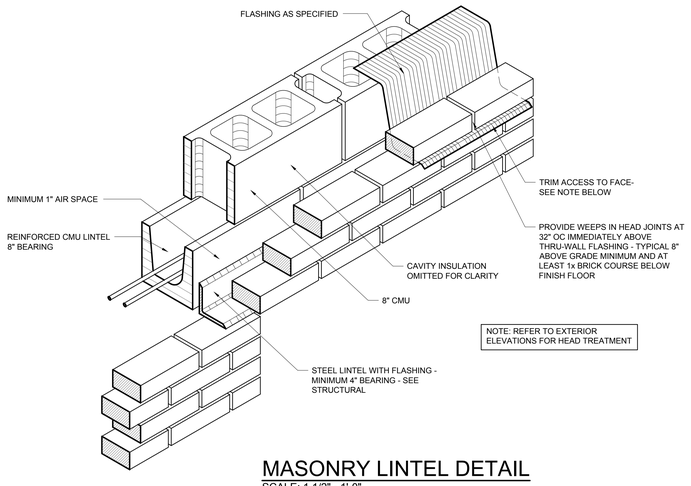

MASONRY LINTEL DETAIL
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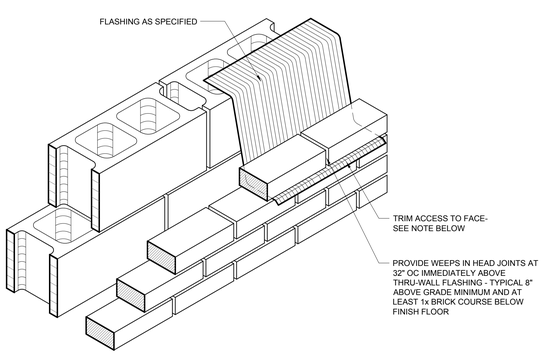

THRU-WALL FLASHING DETAIL
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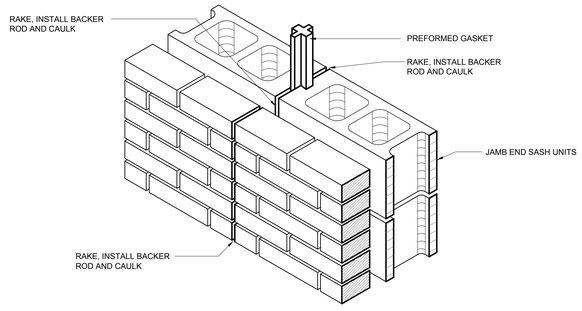
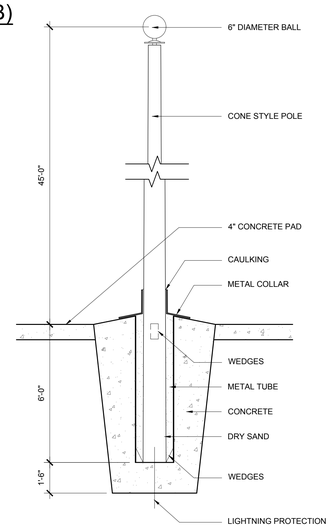


MASONRY CONTROL JOINT DETAIL (MCJ)
SCALE: 1 1/2" - 1'-0"



FLAG POLE DETAIL
SCALE: 1 1/2" - 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: MISCELLANEOUS DETAILS

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	

JOB NO. 25-160B

SHEET NO: A9.1

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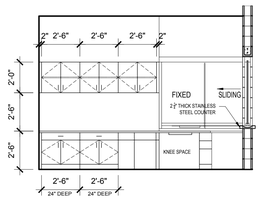

1 PLASTIC LAMINATE CASEWORK
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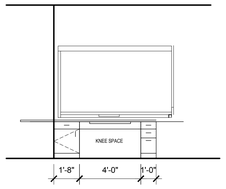
ADMINISTRATOR 101



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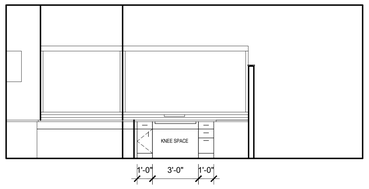

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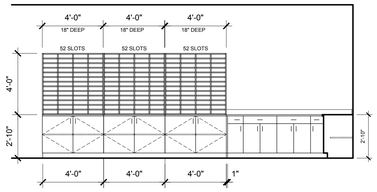

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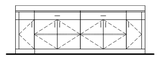
SCALE: 1/4"=1'-0"
MAILROOM 121



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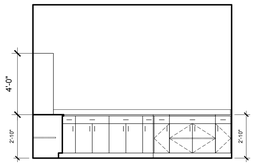
SCALE: 1/4"=1'-0"
MAILROOM 121



7 PLASTIC LAMINATE CASEWORK
SCALE: 1/4"=1'-0"
MAILROOM 121

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: CASEWORK

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	

JOB NO. 25-160B

SHEET NO: A10.1

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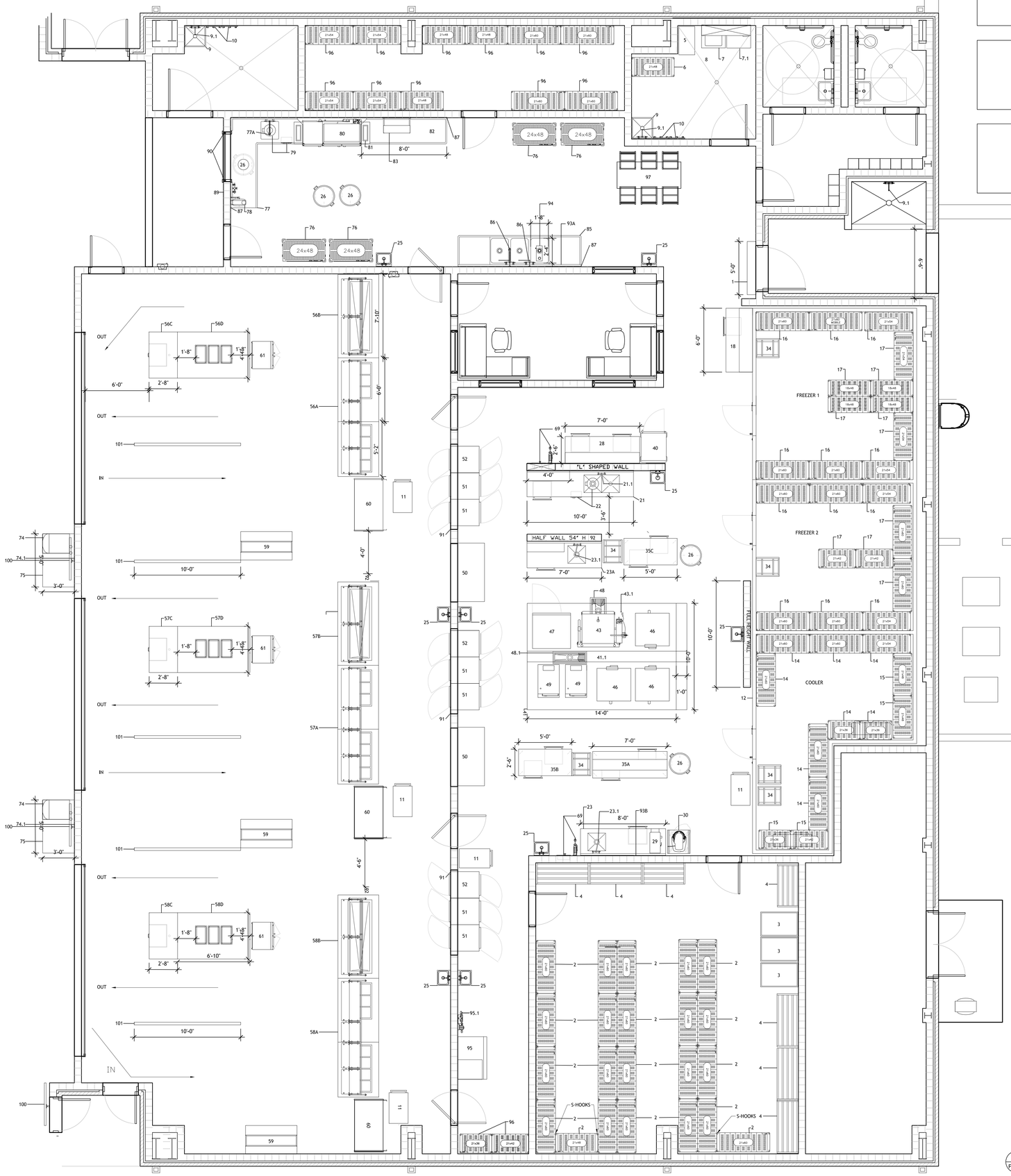

GENERAL COORDINATION NOTE:
Utility sizes, connections and locations are based on the Food Service Drawings and Specified Equipment in Section 11 40 00. Alternates are listed, BUT it is the responsibility of the Food Service Contractor to compare utilities between the manufacturer, prime specification and alternates listed. If alternate equipment is submitted for approval to the Architect by the awarded bidder and is different that the prime specification and has different utility requirements; it is the General Contractor and Food Service Contractor's responsibility for these changes and/or costs. There will not be ANY change orders approved after the bid for substitutions and/or cost associated with substitutions. This is a non-negotiable statement.

FOOD SERVICE EQUIPMENT SCHEDULE

ITEM	QTY	DESCRIPTION	REMARKS
1	1	AIR CURTAIN	FSC (FOOD SERVICE CONTRACTOR)
2	1-LOT	SHELVING, DRY FOOD STORAGE-5 TIER	FSC
3	3	CAN RACKS	FSC
4	1-LOT	HEAVY DUTY SHELVING-TWO TIER	FSC
5	2	FLOOR MACHINE (ONE SHOWN ON PLANS)	FSC
6	1-LOT	SHELVING, CHEMICAL STORAGE-4 TIER	FSC
7	1	WASHER	FSC
7.1	1	DRYER	FSC
8	2	OVER SHELVES	FSC
9	2	MOP SINK	NIC (NOT IN CONTRACT) BY OTHER TRADES)
9.1	3	SERVICE FAUCETS	FSC
10	4	MOP/BROOM HOLDER	FSC
11	8	CARTS (5 SHOWN ON PLANS)	FSC
12	1-LOT	WALK IN COOLER/FREEZER	FSC
13	-	SPARE NUMBER	-
14	1-LOT	COOLER SHELVING, STATIONARY-4 TIER	FSC
15	1-LOT	COOLER SHELVING, MOBILE- 3 TIER	FSC
16	1-LOT	FREEZER SHELVING, STATIONARY-4 TIER	FSC
17	1-LOT	FREEZER SHELVING, MOBILE- 3 TIER	FSC
18	1	RECEIVING TABLE	FSC
19	-	SPARE NUMBER	-
20	-	SPARE NUMBER	-
21	1	SINK, TWO COMPARTMENT	FSC
21.1	1	FAUCET, PRE-RINSE WITH ADD A FAUCET	FSC
22	1	DISPOSER	1
23/23A	1	SINK, ONE COMPARTMENT	FSC
23.1	2	FAUCET, PRE-RINSE WITH ADD A FAUCET	FSC
24	-	SPARE NUMBER	-
25	9	HAND SINK	FSC
26	6	WASTE RECEPITCALS (5 SHOWN ON PLANS)	FSC
27	-	SPARE NUMBER	-
28	1	PREP TABLE	FSC
29	1	HOT WATER DISPENSER	FSC
30	1	20 QT MIXER	FSC
31	-	SPARE NUMBER	-
32	-	SPARE NUMBER	-
33	-	SPARE NUMBER	-
34	7	UNIVERSAL AND BUN PAN RACKS	FSC
35	3	WORKTABLES MOBILE	FSC
36-39	-	SPARE NUMBERS	-
40	1	MOBILE HEATED HOLDING/PROOFING CABINET	FSC
41	1-LOT	EXHAUST HOOD	NIC (BY OTHER TRADES)
41.1	1-LOT	UTILITY DISTRIBUTION SYSTEM	FSC
42	-	SPARE NUMBER	-
43	1	40 GALLON BRAISING PAN-GAS	FSC
43.1	1	DOUBLE PANTRY FAUCET WITH SPRAY HOSE	FSC
44	-	SPARE NUMBER	-
45	-	SPARE NUMBER	-
46	3	DOUBLE STACK CONVECTION OVEN-GAS	FSC
47	1	DOUBLE STACK COMBINATION OVEN	FSC
48/48.1	2	FLOOR TROUGH	FSC
49	2	10 PAN STEAMER-GAS	FSC
50	2	SS PASS THRU WINDOW FRAME AND TABLE	FSC
51	6	ONE SECTION PASS THRU HEATED CABINET	FSC
52	3	ONE SECTION PASS THRU REFRIGERATED	FSC
53-55	-	SPARE NUMBERS	-
56A	1	MAIN LINE 1 HOT FOOD LINE	FSC
56B	1	MAIN LINE 1 COLD FOOD LINE	FSC
56C	1	MAIN LINE 1 CONDIMENTS	FSC
56D	1	MAIN LINE 1 CASHIERS	FSC
57A	1	MAIN LINE 2 HOT FOOD LINE	FSC
57B	1	MAIN LINE 2 COLD FOOD LINE	FSC
57C	1	MAIN LINE 2 CONDIMENTS	FSC
57D	1	MAIN LINE 2 CASHIERS	FSC
58A	1	MAIN LINE 3 HOT FOOD LINE	FSC
58B	1	MAIN LINE 3 COLD FOOD LINE	FSC
58C	1	MAIN LINE 3 CONDIMENTS	FSC
58D	1	MAIN LINE 3 CASHIERS	FSC
59	3	MILK BOXES	FSC
60	3	GRAB AND GO REFRIGERATED MERCHANDISERS	FSC
61	3	SMALL REFRIGERATOR MERCHANDISERS	FSC
62-68	-	SPARE NUMBERS	-
69	2	HOSE REEL WITH CONTROL PANEL	FSC
70-73	-	SPARE NUMBERS	-
74	2	ICE MACHINE W/DISPENSER AND WATER	FSC
74.1	2	FILTER	FSC
75	2	BEVERAGE COUNTER	FSC
76	4	POT & PAN RACKS (3 SHOWN ON PLANS)	FSC
77	1	SOILED DISHTABLE	FSC
77A	1	PRE-RINSE FAUCET	FSC
78	1	HOSE REEL	FSC
79	1	DISPOSAL	FSC
80	1	CONVEYOR DISHWASHER	FSC
81	1	PANT LEG DUCT	FSC
82	1	CLEAN DISHTABLE	FSC
83	1	AMBIENT AIR DRYER	FSC
84	-	SPARE NUMBER	-
85	1	THREE COMPARTMENT SINK	FSC
86	2	PRE-RINSE W/ FAUCET & FAUCET (1 EACH)	FSC
87	2-LOTS	STAINLESS STEEL WALL PANELS	FSC
88	1	SAFETY LADDER (NOT SHOWN ON PLANS)	FSC
89	1-LOT	STAINLESS STEEL WALL PANELS DINING ROOM	FSC
90	1	WINDOW FRAME FOR DISHTABLE	FSC
91	3-LOT	TRIM FOR PASS THRUS	FSC
92	4	STAINLESS STEEL WALL CAP	FSC
93	2-LOTS	SMART WALL SHELVING (A & B)	FSC
94	1	SINK HEATER	FSC
95	1	ICE MACHINE WITH BIN AND FILTER	FSC
96	1	PAPER GOODS STORAGE SHELVING	FSC
97	1	BREAK TABLE AND CHAIRS	BY OWNER
98	1	SPARE NUMBER	-
99	1	SPARE NUMBER	-
100	3	ELECTRONIC MENU BOARDS	FSC
101	5-LOT	CROWD CONTROL	FSC
102	2	CAN OPENERS (NOT SHOWN ON PLANS)	FSC
103	5	MOBILE TRAY CARTS (NOT SHOWN ON PLANS)	FSC

1 FS100 FOOD SERVICE EQUIPMENT EQUIPMENT PLAN
1/4" = 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: FOOD SERVICE EQUIPMENT LAYOUT

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

PROJ. MGR.: VCH
DRAWN: VCH, AJB, KDD
DATE: 3.25.2026
REVISIONS

JOB NO. 25-160B
SHEET NO: FS-100

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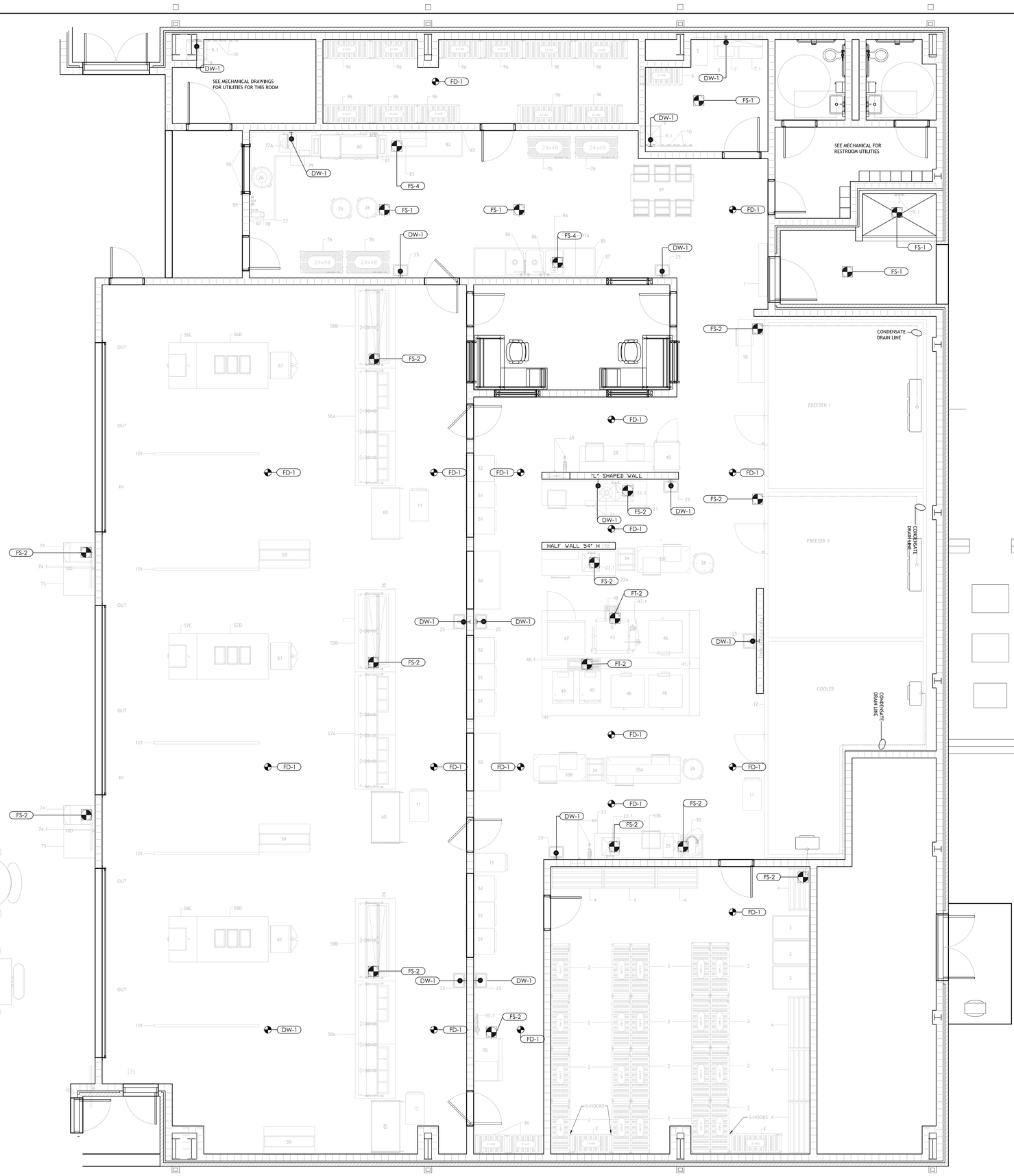


1 FS-200 FOOD SERVICE WASTE
1/4" = 1'-0"

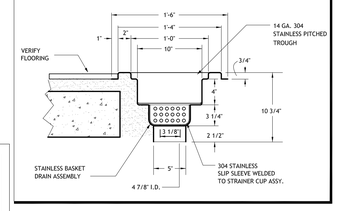
WASTE SYMBOLS

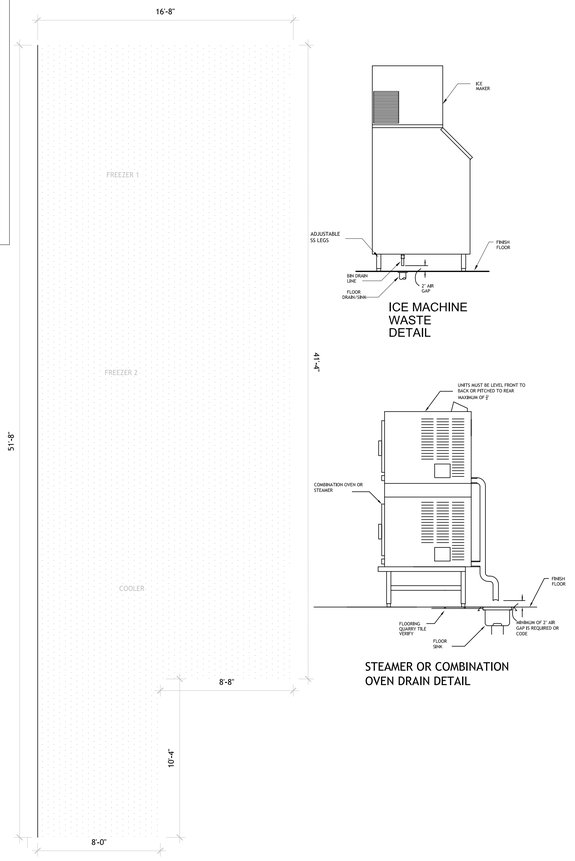
- . . . . . FS-1 = FLOOR SINK, 8" X 8" SQUARE, WITH FULL TOP GRATE
- . . . . . FS-2 = FLOOR SINK, 8" X 8" SQUARE, WITH HALF GRATE
- . . . . . FS-3 = FLOOR SINK, 8" X 8" SQUARE, 10" DEEP, WITH HALF GRATE
- . . . . . FS-4 = FLOOR SINK, 8" X 8" SQUARE, 10" DEEP, NO GRATE
- . . . . . FD-1 = FLOOR DRAIN, 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.





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

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

0 1" 2"

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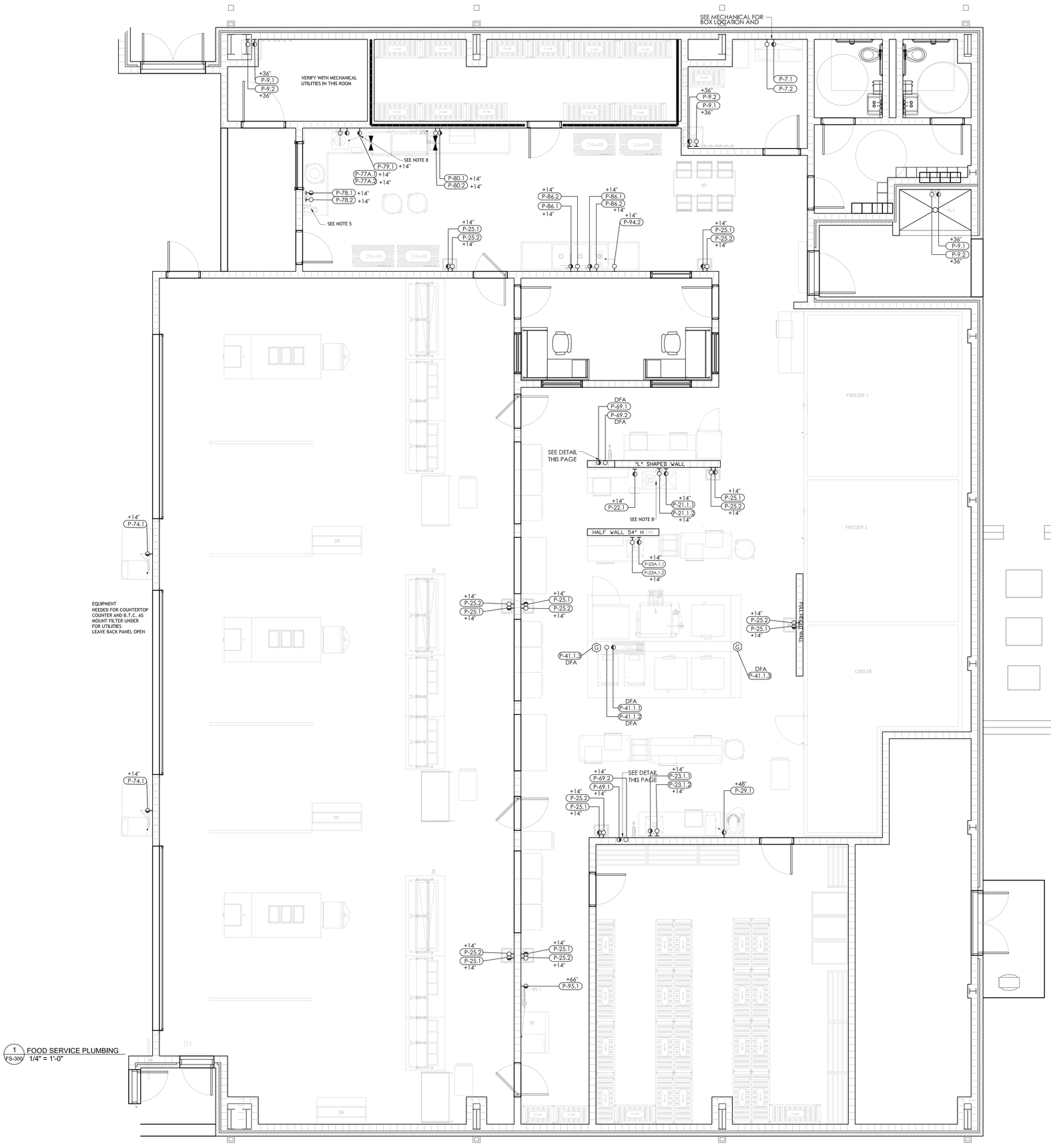


1 FOOD SERVICE PLUMBING
FS-300 1/4" = 1'-0"

PLUMBING SYMBOLS

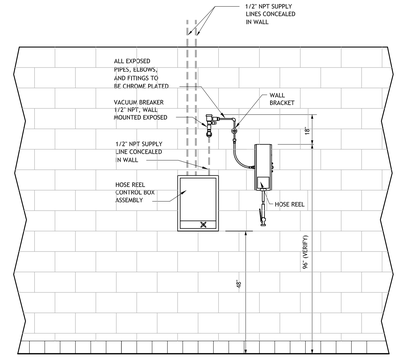
○	HW–HOT WATER
◒	CW–COLD WATER
G	GAS – (NATURAL)
⊢	ROUGH–IN FROM WALL
●——	FIELD CONNECTIONS
B.T.U.	BRITISH THERMAL UNIT
B.T.C.	BRANCH TO CONNECTION
D.F.A.	DOWN FROM ABOVE
A.F.F.	ABOVE FINISHED FLOOR

PLUMBING NOTES

1. PLUMBING CONTRACTOR SHALL ROUGH–IN AND MAKE FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS.
2. PLUMBING CONTRACTOR SHALL FURNISH ALL INDIRECT WASTE PIPING, SHUT–OFF VALVES (WATER AND GAS), PRESSURE REDUCING VALVES, WATER HAMMER ARRESTORS, ETC., AS REQUIRED TO MAKE EACH PIECE OF EQUIPMENT FULLY OPERATIONAL.
3. REFER TO FOOD SERVICE EQUIPMENT SUPPLIER'S DRAWINGS FOR ALL EQUIPMENT IDENTIFICATION.
4. DO NOT RUN PLUMBING, ROOF DRAINS OR H.V.A.C. DUCT WORK ABOVE WALK–IN COOLER/FREEZER AREA.
5. EXPOSED PIPING AT HOSE REEL TO BE CHROME PLATED. EXPOSED PIPING AND VACUUM BREAKER TO BE SUPPLIED BY F.S.E.C. AND DELIVERED TO PLUMBING CONTRACTOR FOR INSTALLATION.
6. PLUMBING CONTRACTOR TO INSTALL BACKFLOW PREVENTERS (SUPPLIED BY F.S.E.C.) IN WATER LINES TO 47–COMBI OVEN AND 49–STEAMER, AND AT ALL LOCATIONS IF REQUIRED BY LOCAL AND STATE CODES.
7. F.S.E.C. TO PROVIDE AND PLUMBING CONTRACTOR TO INSTALL APPROVED VACUUM BREAKERS, WATER SUPPLY GATE TYPE VALVES, LINE PRESSURE REGULATORS, AND HYDRAULIC SHOCK ARRESTORS FOR ITEM 80 DISHMACHINE.
8. DISPOSER DRAIN LINES ARE TO BE SUPPLIED WITH ADEQUATE CLEAN OUT FITTINGS.
9. SEE LOCATION OF WATER FILTER FOR WATER & ICE DISPENSERS UNDER COUNTER BTC. TO ITEM 74 PER CODE
10. PLUMBING CONTRACTOR SHALL FLUSH ALL LINES FREE OF FOREIGN MATTER BEFORE CONNECTING FIXTURES.
11. GENERAL CONTRACTOR TO CUT OR PROVIDE ANY HOLES THROUGH CEILINGS, ROOFS AND WALLS FOR DUCTS, CONDUITS, REFRIGERATION LINE ACCESS, ETC. IN ACCORDANCE WITH LOCAL FIRE AND BUILDING CODES AND IN ACCORDANCE WITH DUCT SIZES SPECIFIED.
12. SEE PAGE FS–700 & FS–701 FOR ITEM 32 SHOP DRAWINGS AND DETAILS ABOUT THE GAS LOOPED SYSTEM FOR UDS

NOTE:

ALL VACUUM BREAKERS AND CHECK VALVES SHALL BE INSTALLED SUCH THAT THEY CAN BE VISUALLY INSPECTED BY LOCAL HEALTH DEPARTMENT REPRESENTATIVE.



PLUMBING SCHEDULE

ITEM	QTY	DESCRIPTION	TAG NO.	WATER C.W.	WATER H.W.	NATURAL GAS CONN.	NATURAL GAS B.T.U.	REMARKS
7	1	WASHER	P–7.1	1/2"			7"–10" W.C.	B.T.C. ON WASHING MACHINE
			P–7.2		1/2"			B.T.C. ON WASHING MACHINE
9	3	SERVICE SINK FAUCETS	P–9.1	3/4"				B.T.C. ON SINK FAUCET BY OTHER TRADES
			P–9.2		3/4"			B.T.C. ON SINK FAUCET BY OTHER TRADES
21.1	1	PRE–RINSE WITH FAUCET	P–21.1.1	1/2"				B.T.C. ON SINK FAUCET
			P–21.1.2		1/2"			B.T.C. ON SINK FAUCET
22	1	3 HP DISPOSER	P–22.1	1/2"				B.T.C. ON DISPOSER, INLET THRU SYPHON BREAKER
23.1	1	PRE–RINSE WITH FAUCET	P–23.1.1	1/2"				B.T.C. ON SINK FAUCET
			P–23.1.2		1/2"			B.T.C. ON SINK FAUCET
25	9	HAND SINK	P–25.1	1/2"				B.T.C. ON SINK FAUCET
			P–25.2		1/2"			B.T.C. ON SINK FAUCET
29	1	HOT WATER DISPENSER	P–29	1/4"				B.T.C. ON TO WATER FILTER THEN DISPENSER
41.1	1	UTILITY DISTRIBUTION SYSTEM (UDS)	P–41.1	3/4"				DOWN FROM ABOVE (DFA)
			P–41.2		3/4"			DOWN FROM ABOVE (DFA)
			P–41.3			2"IPS SINGLE	1700000	DOWN FROM ABOVE (DFA)–SEE PAGE FS700 ITEM 41.1, SHOP DRAWINGS–TWO CONNECTIONS REQUIRED
69	2	HOSE REEL WITH CONTROL PANEL	P–69.1	1/2"				B.T.C. FROM CONTROL PANEL TO HOSE REEL
			P–69.2		1/2"			B.T.C. FROM CONTROL PANEL TO HOSE REEL
74	2	ICE MACHINE/DISPENSER W/ WATER	P–74.1	1/2"				B.T.C. ON ICE MACHINE VIA WATER FILTER
77A	1	PRE–RINSE UNIT	P–77A.1	1/2"				B.T.C. ON HOSE REEL
			P–77A.2		1/2"			B.T.C. ON HOSE REEL
78	1	HOSE REEL/ PRE–RINSE UNIT	P–78.1	1/2"				B.T.C. ON HOSE REEL
			P–78.2		1/2"			B.T.C. ON HOSE REEL
79	1	DISPOSER	P–79.1	1/2"				B.T.C. ON INLET THRU SYPHON BREAKER
80	1	DISHMACHINE	P–80.1	1/2"				B.T.C. ON DISHMACHINE THROUGH WATER TEMPERING KIT
			P–80.2		1/2"			B.T.C. ON DISHMACHINE
86	2	3–COMP SINK PRE–RINSE W/FAUCET & FAUCET	P–86.1	1/2"				B.T.C. ON SINK FAUCET AND PRE–RINSE
			P–86.2		1/2"			B.T.C. ON SINK FAUCET AND PRE–RINSE
94	1	SINK HEATER	P–94.2		1/2"			B.T.C. ON SINK HEATER
95	1	ICE MACHINE	P–95.1	1/2"				B.T.C. ON ICE MACHINE VIA WATER FILTER
CONV	1	GARDEN HOSE CONNECTION	CONV	3/4"				GARDEN HOSE CONNECTION FOR TRASH CAN & DOOK WASHING

B.T.C. = BRANCH TO CONNECTION
CONV. = CONVENIENCE CONNECTION

LATHAN ▪ McKEE ARCHITECTS

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

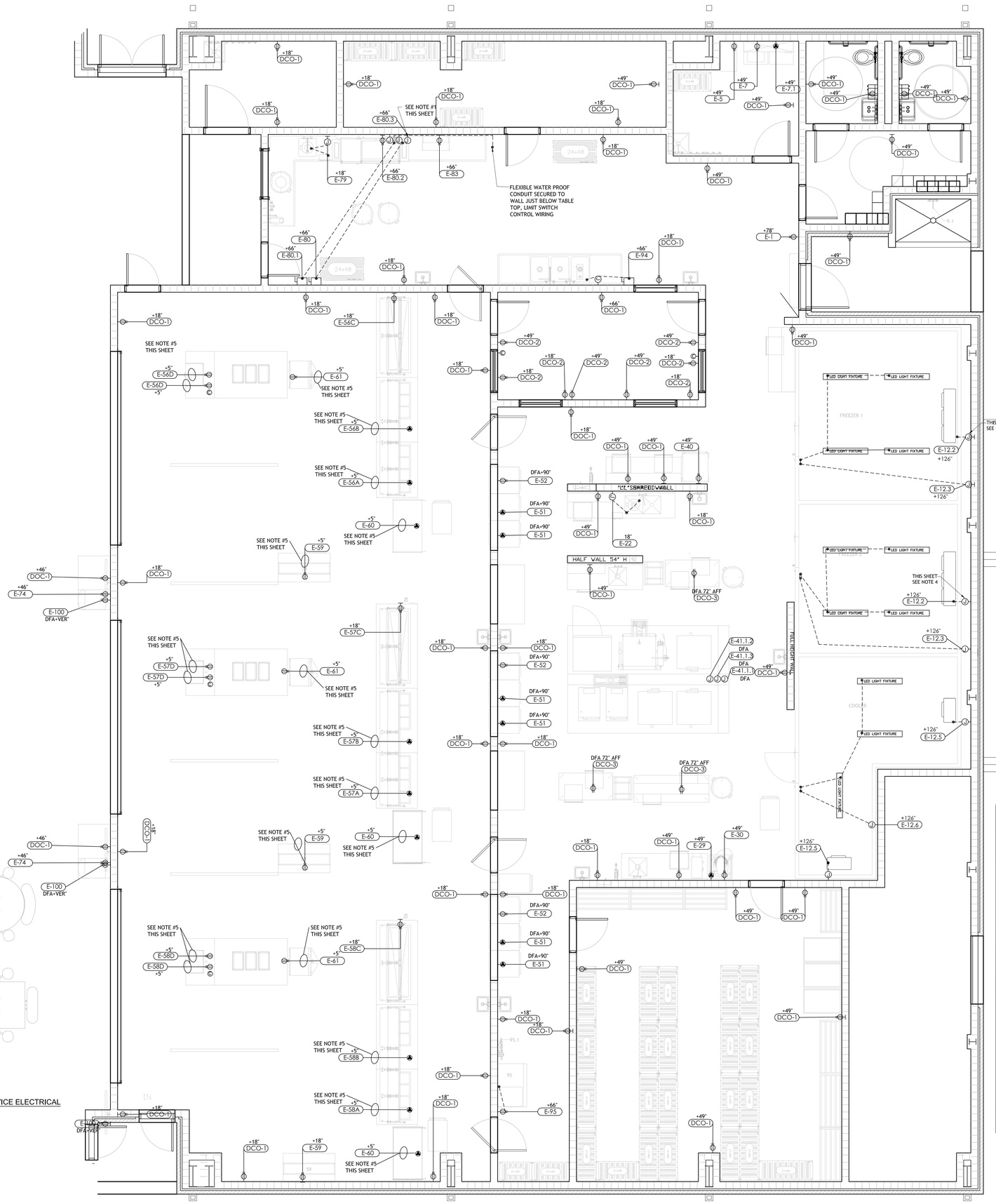
SHEET TITLE: FOOD SERVICE EQUIPMENT PLUMBING

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

JOB NO. 25-160B
SHEET NO: FS-300

0 1" 2"



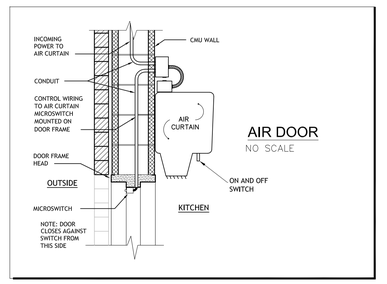
ELECTRICAL NOTES

1. EXHAUST FAN FOR DISH MACHINE TO BE WIRED TO DISH MACHINE CONTROL PANEL.
2. PROVIDE CONDUIT UNDER SLAB BETWEEN KITCHEN OFFICE AND CASHIER UNIT(S) FOR COMPUTER INTERFACE. PROVIDE CONDUIT UNDER SLAB BETWEEN CASHIER UNIT(S) FOR SAME, 3/4" CONDUIT MINIMUM.
3. WALK-IN COOLER AND FREEZER: RUN ELECTRICAL CONDUIT FOR LIGHT FIXTURES ON INSIDE OF WALK-IN BOXES. USE CONDUIT SEAL-OFFS TO PREVENT HEAT TRANSFER WHERE CONDUIT PENETRATES BOX, TYP.
4. ENERGIZE 208 /1 HEAT TAPE FROM FREEZER EVAPORATORS FOR FREEZER DRAIN LINES.
5. ELECTRICAL CONTRACTOR TO PROVIDE WATERPROOF BOXES FOR FLOOR MOUNTED RECEPTACLES IN SERVERY. BOXES TO BE NO HIGHER THAN 5" AFF TO CLEAR SERVING EQUIPMENT.

ELECTRICAL SYMBOLS

- DUPLEX RECEPTACLE, GROUND TYPE,
- SINGLE RECEPTACLE, GROUND TYPE,
- SIMPLEX RECEPTACLE, GROUND TYPE,
- DISCONNECT SWITCH
- RECESSED DISCONNECT SWITCH
- ROUGH-IN FROM WALL
- SPECIAL PURPOSE OUTLET, AS INDICATED, GROUND TYPE,
- CONDUIT STUB-OUT IN FLOOR FOR DIRECT CONNECTION
- COMPUTER/DATA LINE
- DUPLEX RECEPTACLE MTD. ON DROP CORD FROM CEILING
- SINGLE RECEPTACLE MTD. ON DROP CORD FROM CEILING
- FIELD WIRING TO CONNECTION POINT ON EQUIPMENT
- FIELD WIRING TO CONNECTION POINT ON EQUIPMENT

V VOLTAGE
H.P. HORSEPOWER
K.W. KILOWATT
D.F.A. DOWN FROM ABOVE
B.T.C. BRANCH TO CONNECTION
A.F.F. ABOVE FINISHED FLOOR
D.C.O. DUPLEX CONVENIENCE OUTLET



AIR DOOR
NO SCALE

ELECTRICAL SCHEDULE

ITEM NO.	QTY	DESCRIPTION	TAG NO.	VOLTS	PHASE	H.P.	K.W.	AMPS	CONNECTION TYPE	REMARKS
1	1	AIR CURTAIN	E-1	120	1	1.00		6.5	NEMA 5-15P	NEMA 5-15R B.T.C. TO ON/OFF SWITCH AND MICRO SWITCH
5	1	FLOOR SCRUBBER	E-5	120	1	1.00		--	NEMA 5-15P	NEMA 5-15R
7	1	WASHER	E-7	120	1				NEMA 5-15P	NEMA 5-15R
7.1	1	DRYER	E-7.1	208	1				NEMA 14-30P	NEMA 14-30R
12	1 LOT	WALK-IN COOLER/FREEZER								
	2	A. FREEZER CONDENSING UNITS	E-12.1	208-230	3	8.00		24	DISCONNECT BOX (MP)	B.T.C. ON WALK-IN FREEZER COND. UNIT (RLA 24; MCA 34.8; MOPD 60)
	2	B. FREEZER EVAP. COILS	E-12.2	208-230	1			6.5	DISCONNECT BOX (MP)	B.T.C. ON WALK-IN EVAP. COILS LOCATED INSIDE WALK-IN (2.5 AMP FANS & 24.1 HEATER; SEAL PENETRATION)
	1	B. FREEZER ACCESSORIES	E-12.3	120	1			20.0	J-BOX	B.T.C. ON WALK-IN FREEZER DOOR & WINDOW HTR., LIGHTS, CONTROLS, AND HEAT TAPE
	1	C. COOLER CONDENSING UNIT	E-12.4	208-230	3	1.5		8.7	DISCONNECT BOX (MP)	B.T.C. ON WALK-IN COOLER CONDENSING UNIT (RLA 8.7; MCA 15; MOPD 20)
	1	D. COOLER EVAP. COIL	E-12.5	120	1			1.6	J-BOX	B.T.C. ON EVAP. COIL LOCATED INSIDE WALK-IN COOLER (SEAL PENETRATION)
	1	E. COOLER ACCESSORIES	E-12.6	120	1			20.0	J-BOX	B.T.C. ON WALK-IN COOLER DOOR & WINDOW HTR., LIGHTS, AND CONTROLS.
22	1	2 HP DISPOSER WITH CONTROL PANEL	E-22	208	3	2		6.6	J-BOX	B.T.C. TO CONTROL PANEL SUPPLIED WITH DISCONNECT BOX
29	1	HOT WATER DISPENSER	E-29	208	1		5.0	24.0	NEMA 6-30P	NEMA 6-30R
30	1	20 QT MIXER	E-30	120	1			8	NEMA 5-15P	NEMA 5-15R
40	1	HOLDING CABINET	E-40	120	1			16.7	NEMA 5-20P	NEMA 5-20R
41.1	1	UTILITY DISTRIBUTION SYSTEM (U.D.S.)	E-41.1.1	120	1				DOWN FROM ABOVE	SEE SHOP DRAWINGS FS-700
	1	UTILITY DISTRIBUTION SYSTEM (U.D.S.)	E-41.1.2	120	1			15	DOWN FROM ABOVE	SERVICE BREAKER - SEE SHOP DRAWINGS FS-700
	1	UTILITY DISTRIBUTION SYSTEM (U.D.S.)	E-41.1.3	12/208	3			50	DOWN FROM ABOVE	SERVICE BREAKER TO BE 120/208/3 50 AMP-SEE SHOP DRAWINGS FS-700
51	6	1-SECTION PASS-THRU HEATED CABINET	E-51	120/208	1			7.8	NEMA L14-20P	NEMA L14-20R
52	3	1-SECTION PASS-THRU REFRIG CABINET	E-52	120	1			8.3	NEMA 5-15P	NEMA 5-15R
56		MAIN SERVING LINE (NEW)								
	1	A. HOT FOOD COUNTER	E-56A	120/208	1			15.2	NEMA 6-30P	NEMA 6-30R
	1	B. PASS THRU HOT FOOD COUNTER	E-56B	120/208	1			15.2	NEMA 6-30P	NEMA 6-30R
	1	C. COLD FOOD COUNTER	E-56C	120	1			5.0	NEMA 5-20P	NEMA 5-20R
	2	D. CASHIER COUNTER	E-56D	120	1			16	NEMA 5-20P	NEMA 5-20R
	1	COMPUTER-POS	C						B.T.C. = BRANCH TO CONNECTION	SUPPLY 1.5" CONDUIT FOR DATA LINE TO EACH CASHIER STAND
57		MAIN SERVING LINE								
	1	A. HOT FOOD COUNTER	E-57A	120/208	1			15.2	NEMA 6-30P	NEMA 6-30R
	1	B. PASS THRU HOT FOOD COUNTER	E-57B	120/208	1			15.2	NEMA 6-30P	NEMA 6-30R
	1	C. COLD FOOD COUNTER	E-57C	120	1			5.0	NEMA 5-20P	NEMA 5-20R
	2	D. CASHIER COUNTER	E-57D	120	1			16	NEMA 5-20P	NEMA 5-20R
	1	COMPUTER-POS	C							SUPPLY 1.5" CONDUIT FOR DATA LINE TO EACH CASHIER STAND
58		MAIN SERVING LINE								
	1	A. HOT FOOD COUNTER	E-58A	120/208	1			15.2	NEMA 6-30P	NEMA 6-30R
	1	B. PASS THRU HOT FOOD COUNTER	E-58B	120/208	1			15.2	NEMA 6-30P	NEMA 6-30R
	1	C. COLD FOOD COUNTER	E-58C	120	1			5.0	NEMA 5-20P	NEMA 5-20R
	2	D. CASHIER COUNTER	E-58D	120	1			16	NEMA 5-20P	NEMA 5-20R
	1	COMPUTER-POS	C							SUPPLY 1.5" CONDUIT FOR DATA LINE TO EACH CASHIER STAND
59	3	MILK BOXES	E-59	115	1			7.2	NEMA 5-15P	NEMA 5-15R
60	3	GRAB AND GO MERCHANDISERS	E-60	208	1			9.55	NEMA 6-30P	NEMA 6-30R
74	2	ICE MACHINE & WATER DISPENSER	E-74	120	1			8.5	NEMA 5-15P	NEMA 5-15R CORD & PLUG PROVIDED BY FSC AND INSTALLED BY ELECTRICIAN IN FIELD
79	1	DISPOSER	E-79	208	3	5		13.8	J-BOX	B.T.C. TO CONTROL PANEL WITH DISCONNECT
80	1	DISH MACHINE	E-80	208	3			60.6	DISCONNECT BOX	CONNECT TO DISH MACHINE VIA REMOTE J-BOX (TANK HEAT, MOTOR, CONTROLS) 80 AMP CIRCUIT REQUIRED
			E-80.1	208	3			83.9	DISCONNECT BOX	CONNECT TO DISH MACHINE VIA REMOTE J-BOX (30KW BOOSTER HEATER) 90 AMP CIRCUIT REQUIRED
			E-80.2	120	1			2.5	J-BOX	DETERGENT PUMP
			E-80.3						J-BOX	EMPTY J-BOX FOR EXHAUST FAN CONTROL WIRING
83	1	AMBIENT AIR DRYER	E-83	115	1			4.3	NEMA 5-15P	NEMA 5-15R
94	1	SINK HEATER	E-94	208	3			25	DISCONNECT BOX	CONNECT TO DISH MACHINE VIA REMOTE J-BOX (TANK HEAT, MOTOR, CONTROLS) 80 AMP CIRCUIT REQUIRED
95	1	ICE MACHINE	E-95	120	1			15.2	NEMA 5-20P	NEMA 5-20R-CORD AND PLUG PROVIDED BY FSC AND INSTALLED BY ELECTRIAN
100	3	MENU BOARDS	E-100	120	1			15.2	NEMA 5-20P	NEMA 5-20R-CORD AND PLUG PROVIDED BY FSC AND INSTALLED BY ELECTRIAN
DCO-1		CONVENIENCE OUTLET	DCO-1	120	1			20.0	DUPLEX RCPT.	GENERAL USE OUTLET
DCO-2		CONVENIENCE OUTLET - (OFFICE)	DCO-2	120	1			20.0	DUPLEX RCPT.	ISOLATED GROUND CIRCUIT OUTLET
DCO-3		CONVENIENCE OUTLET - (DROP CORD-RETRACT)	DCO-3	120	1			20.0	DUPLEX RCPT.	GENERAL USE OUTLET, RETRACTABLE

B.T.C. = BRANCH TO CONNECTION

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

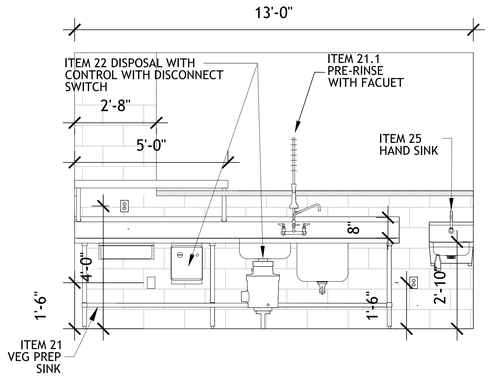
SHEET TITLE:
FOOD SERVICE EQUIPMENT ELECTRICAL

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

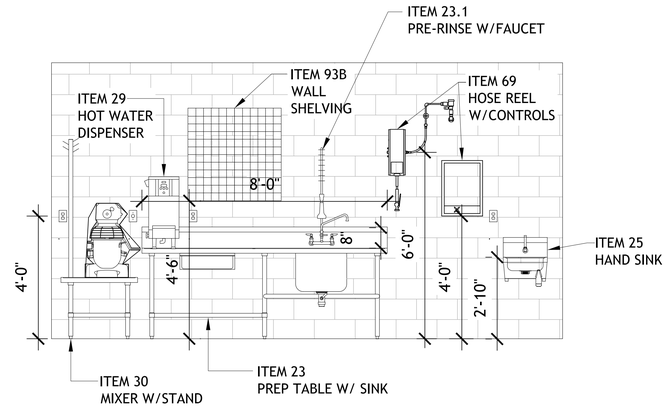
JOB NO. 25-160B
SHEET NO: FS-400

0 1" 2"



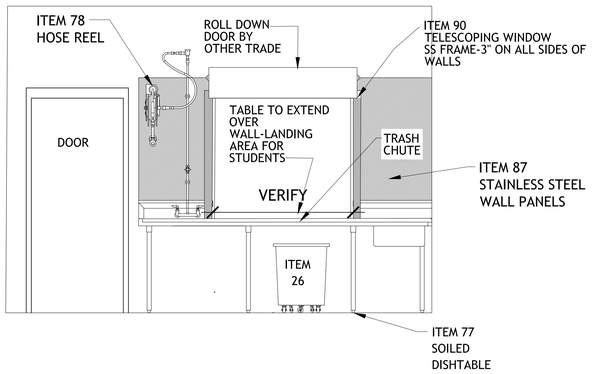
1 FS-500 VEGETABLE PREP SINK

ITEM: 21,21.1,22 AND 25 NOT TO SCALE



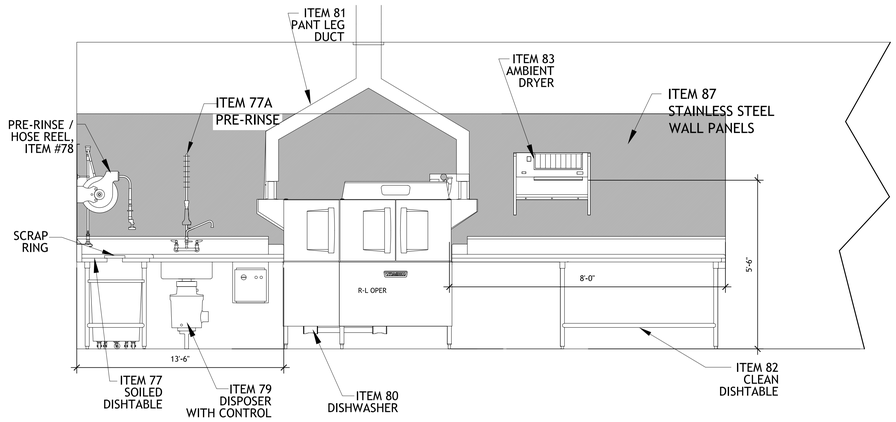
2 FS-500 MEAT PREP SINK

ITEM 23,23.1,25,29,30,69 AND 93.B NOT TO SCALE



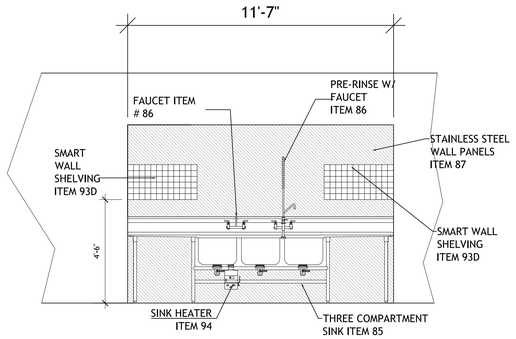
3 FS-500 DISHROOM DETAIL

ITEM 26,77,78 AND 87 NOT TO SCALE



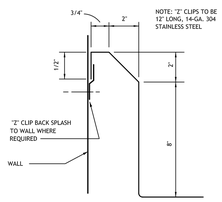
4 FS-500 DISHROOM DETAIL

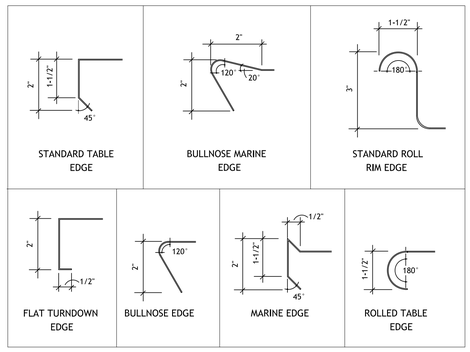
ITEM 77,77A,78,79,80,81,82,83 & 87 NOT TO SCALE

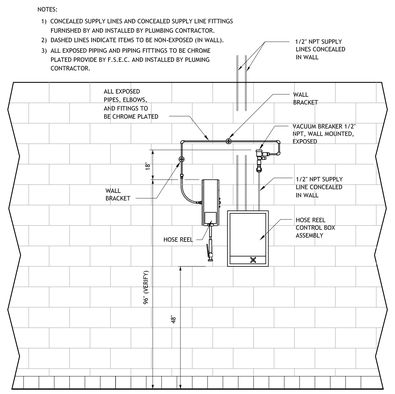


5 FS-500 THREE COMPARTMENT SINK

ITEM 85,86,87,93D AND 94 NOT TO SCALE







HOSE REEL/PRE-RINSE ELEVATION/DETAIL

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 EQUIPMENT DETAILS

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

JOB NO. 25-160B
SHEET NO: FS-500

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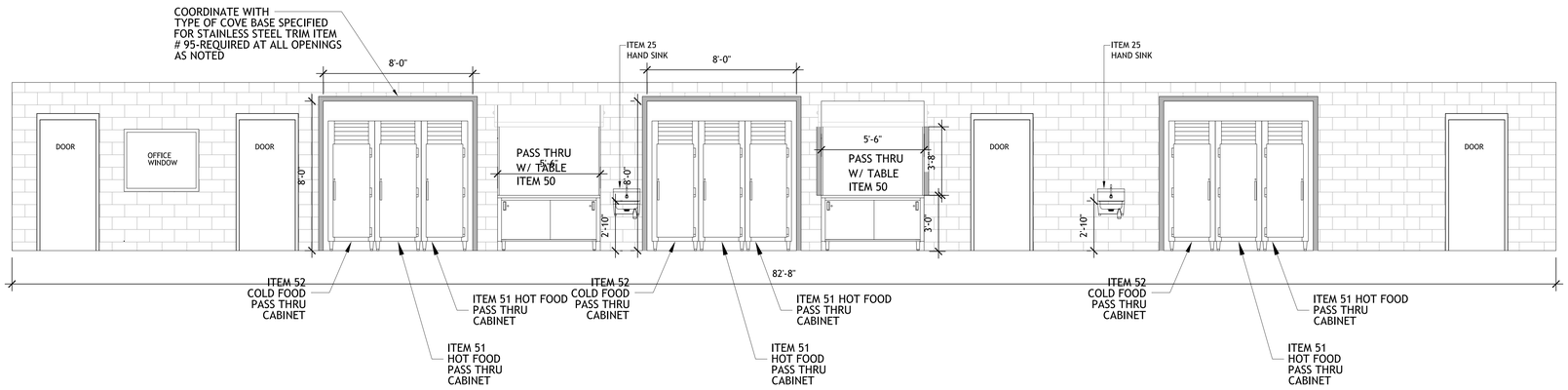
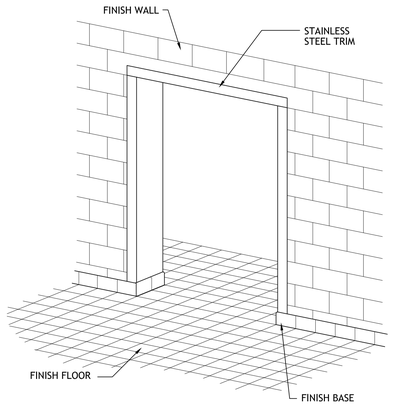


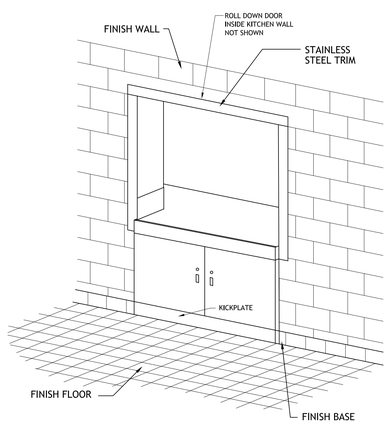
1 / A9.5 PASS THRU WALL DETAIL

ITEM 25,51,52 AND 92

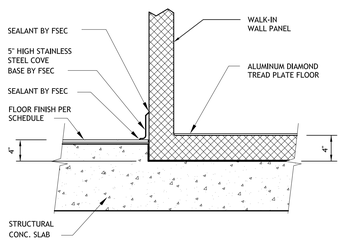
NOT TO SCALE



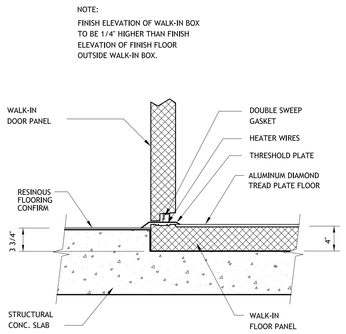
PASS-THRU OPENING TYPICAL



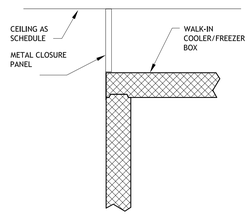
PASS-THRU W/ TABLE OPENING TYPICAL



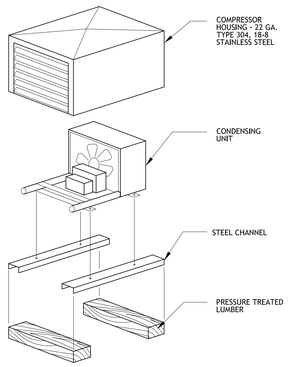
SECTION THRU WALK-IN



SECTION THRU WALK-IN @ DOOR



WALK-IN TRIM DETAIL TYPICAL



LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO FAIRHOPE HIGH SCHOOL

ONE PIRATE DRIVE
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BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: FOOD SERVICE EQUIPMENT DETAILS

STATE OF ALABAMA
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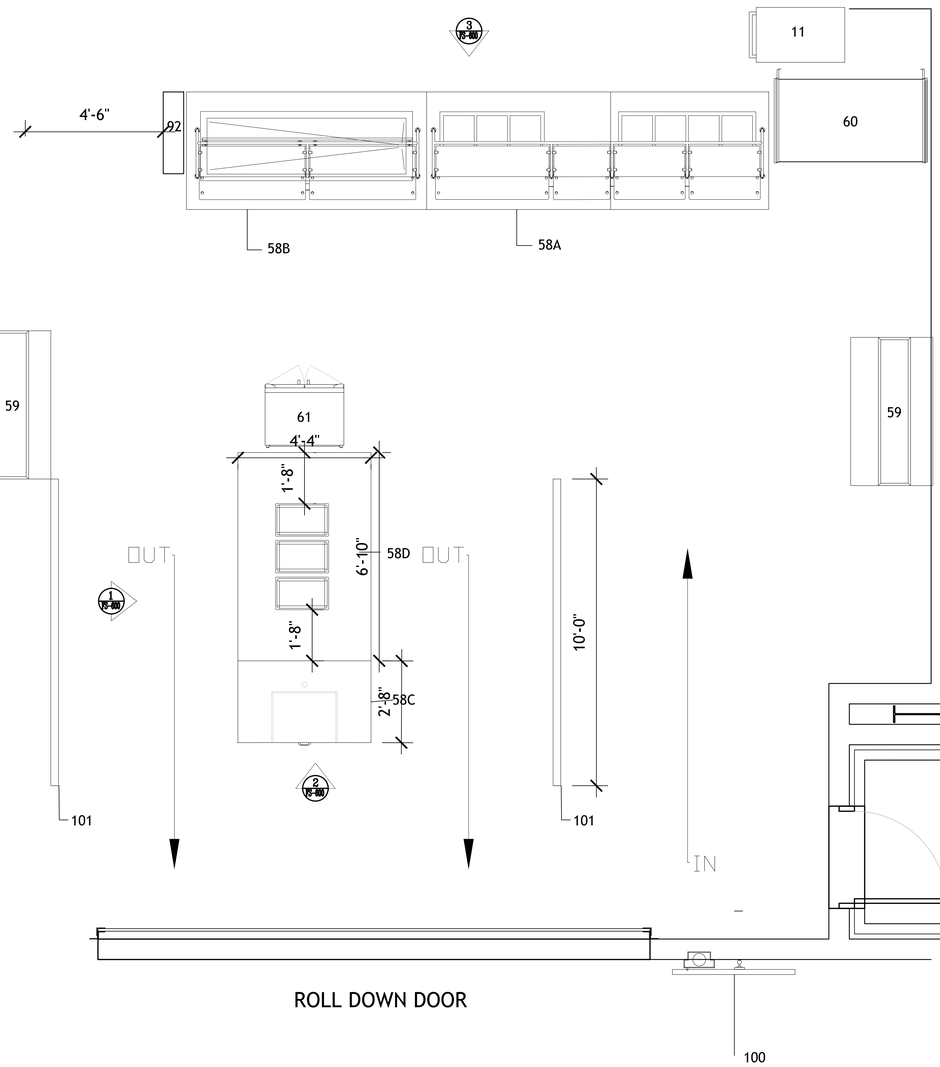
REVISIONS

JOB NO. 25-160B
SHEET NO: FS-501

0 1" 2"



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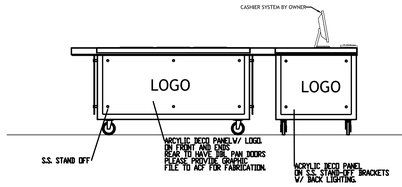
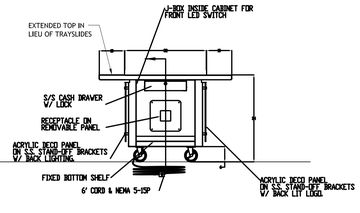
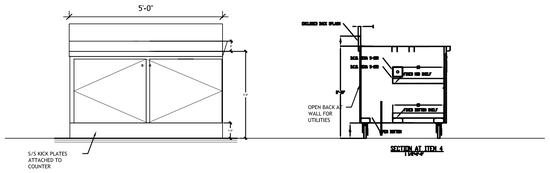


SIDE ELEVATION
CONDIMENT & CASHIER
1 FS-600
ITEM 56C/D, 57C/D AND 58C/D



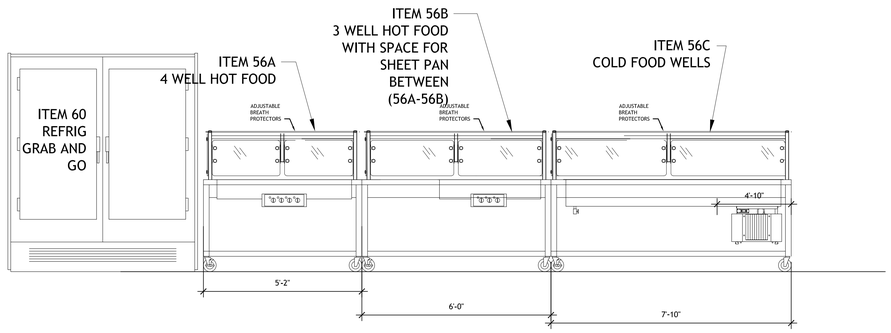
END ELEVATION
CASHIER COUNTER
2 FS-600
ITEM 56D, 57D & 58D



FRONT ELEVATION
BEVERAGE COUNTER
FS-600
ITEM 75 (2 EACH REQUIRED)

SIDE CUT OUT
BEVERAGE COUNTER
FS-600
ITEM 75 (2 EACH REQUIRED)

SUPPLY LED LIGHTS WITH SWITCHES IN PANELS OF SERVING LINE



REAR/KITCHEN
SIDE ELEVATION
3 FS-600
ITEM 56A,56B, 56C AND 60.

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 EQUIPMENT
SERVING LINE DETAILS

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

JOB NO. 25-160B
SHEET NO:
FS-600

0 1" 2"

IMPORTANT SPECIAL UDS PARTS/NOTES

☆	ONE (1) R295-CLX WATER FILTER.
☆	ONE (1) EV-9797-40 WATER FILTER.

UDS CONSTRUCTION TO BE 18 GA., TYPE 304 STAINLESS STEEL

UTILITY DISTRIBUTION SYSTEM MODEL UDI IS LISTED UNDER ETL FILE NUMBERS 10482652&CRT-001 & 10175491COL-001 CONFORMS TO UL STD 891 & 508A CERTIFIED TO CAN/CSA C22.2 No. 31-M89

ALL GAS ASSOCIATED REVIEW & TESTING WERE PERFORMED THROUGH INTERTEK UNDER THESE NEW TESTS/CERTIFICATIONS.

PRIOR TO SCHEDULING UDS FOR PRODUCTION PLEASE PROVIDE APPROVED SUBMITTAL CUTSHEETS ON FINAL KITCHEN EQUIPMENT ASSOCIATED WITH THE UDS (NEW & USED) SO THAT CONNECTION SIZES, TYPES AND LOCATIONS CAN BE VERIFIED

ANY CHANGES TO SUBMITTAL DRAWING MAY AFFECT PRICE AND PRODUCTION TIME PLEASE FORWARD CHANGES ASAP

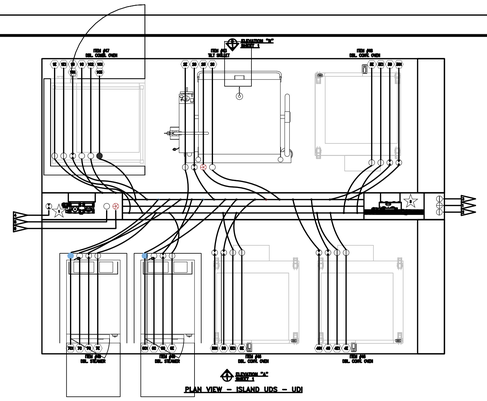
-----NOTE-----
CUSTOMER TO VERIFY FLOOR DRAIN LOCATIONS PRIOR TO ORDERING UDS. C.A.S. IS NOT RESPONSIBLE FOR DRAINS LOCATED UNDERNEATH RISERS/PEDESTALS LOCATIONS.

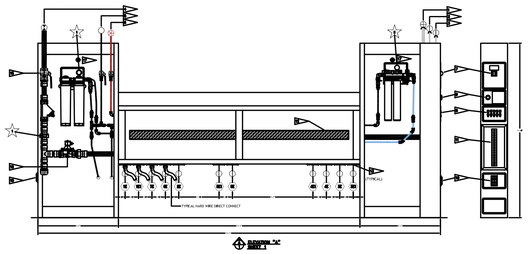
-----NOTE-----
NEC REQUIRES 36" OF FIELD CLEARANCE IN FRONT & 30" ACCROSS OF ALL 208V OR LESS CIRCUIT BREAKERS FOR ACCESS.

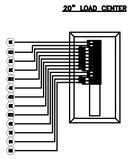
NEC REQUIRES 48" OF FIELD CLEARANCE IN FRONT & 30" ACCROSS OF ALL 480V OR LESS CIRCUIT BREAKERS FOR ACCESS.

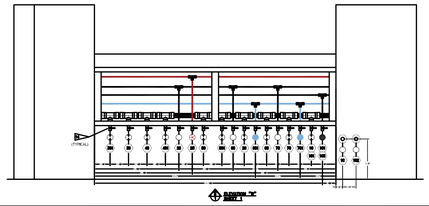
SYMBOL SCHEDULE

- GAS VALVE
- ELECTRICAL SHUT OFF VALVE
- 120V 1 PHASE
- 208 VAC 1 PHASE
- 208 VAC 3 PHASE
- 480 VAC 3 PHASE
- WATER SUPPLY
- WATER CONDENSATE RETURN









STANDARD FLAG NOTES

1. ELECTRICAL SERVICE FROM ABOVE, SEE SCHEDULE FOR DETAILS. PROVIDED BY ELECTRICAL CONTRACTOR.
2. 120V 1PH 15A DEDICATED ELECTRICAL CIRCUIT INTO UDS TERMINALS "H1, N1" FOR FUEL/SHUNT CONTROL. PROVIDED BY ELECTRICAL CONTRACTORS SEE SCHEMATIC BELOW.
3. 3-WIRE ELECTRICAL CIRCUIT FROM HOOD CONTROL PACKAGE TERMINALS "GAS, ST & 470' TO UDS (SEE TERMINALS "GAS, ST & 470' FOR UDS SHUT DOWN IN A FIRE CONDITION. (PROVIDED BY ELECTRICAL CONTRACTOR). SEE SCHEMATIC BELOW.
4. GAS SERVICE FROM ABOVE, SEE SCHEDULE FOR SERVICE SIZE AND STYLE. (PROVIDED BY PLUMBING CONTRACTOR)
5. COLD WATER SERVICE FROM ABOVE, SEE SCHEDULE FOR SERVICE SIZE. (PROVIDED BY PLUMBING CONTRACTOR)
6. HOT WATER SERVICE FROM ABOVE, SEE SCHEDULE FOR SERVICE SIZE. (PROVIDED BY PLUMBING CONTRACTOR)
7. SERVICE MAIN BREAKER W/ SHUNT TRIP AND RESET HANDLE, SEE SCHEDULE FOR DETAILS.
8. STATUS INDICATOR LIGHTS.
9. EMERGENCY KILL SWITCH.
10. RCD RECEPTACLE W/ BREAKER & WEATHERPROOF COVER.
11. ELECTRICAL LOAD CENTER WITH INDIVIDUAL CIRCUIT BREAKERS.
12. ELECTRICAL WIRING TO APPLIANCES.
13. ELECTRICAL CONNECTION W/ WEATHERPROOF COVER AS SPECIFIED ON THE EQUIPMENT SCHEDULE, SEE THIS SHEET.
14. PLUMBING CONNECTION AS SPECIFIED ON THE EQUIPMENT SCHED., SEE THIS SHEET.
15. MANUAL SHUT OFF VALVE.
16. 120V ELECTRICAL GAS VALVE.
17. REMOVABLE ACCESS DOORS.

PAGE 1 OF 2

JOB	Fairhope HS (UDS)
LOCATION	-
DATE	1/23/26
JOB #	-
DRAWN BY	AGS
CHECKED BY	BET
REV.	-
SCALE	3/4"

NOT TO SCALE

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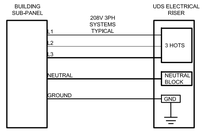
17. REMOVABLE ACCESS DOORS.



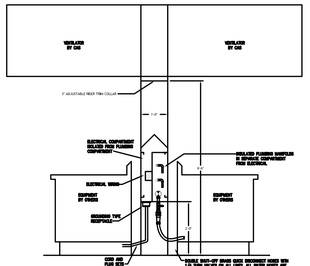
UTILITY DISTRIBUTION SYSTEM EQUIPMENT SCHEDULE

CONN. #	ITEM	DESCRIPTION	MANUFACTURER	MODEL #	ELECTRICAL AMPS	HP	VOLT	PH	CIRCUIT BREAKER AMPS	POLES	RECEPTACLE NEMA CAL/DEC	PART #	PLUG/CORD/CUT NEMA CAL/DEC	PART #	GAS SIZE	MBH	WATER HOT	COLD	STEAM SUPPLY	COND. RETURN	LBS/HR	CONNECTION TYPE	LENGTH	NOTES
1	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	1.8	15.0	1	120	1	20	1	-	-	-	1/2"	-	-	-	-	-	-	DIRECT, COND. & WIRE	8'	NON-GFI BREAKER
101	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	1.8	15.0	1	120	1	20	1	-	-	-	1/2"	-	-	-	-	-	-	DIRECT, COND. & WIRE	8'	NON-GFI BREAKER
51	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	QUICK DISCONNECT	5'	-
151	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-	-	3/4"	80	-	-	-	-	-	QUICK DISCONNECT	5'	-
151	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-	-	3/4"	80	-	-	-	-	-	QUICK DISCONNECT	5'	-
52	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4"	-	-	QUICK DISCONNECT	5'	FILTERED
102	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4"	-	-	QUICK DISCONNECT	5'	FILTERED
152	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4"	-	-	QUICK DISCONNECT	5'	FILTERED
53	A1	TILT SKILLET	CLEVELAND	SGL-40-T1	0.2	1.8	1	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	QUICK DISCONNECT	5'	GFI BREAKER
103	A1	TILT SKILLET	CLEVELAND	SGL-40-T1	-	-	-	-	-	-	-	-	-	-	3/4"	200	-	-	-	-	-	QUICK DISCONNECT	5'	-
153	A1	TILT SKILLET	CLEVELAND	SGL-40-T1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4"	-	-	QUICK DISCONNECT	5'	-
203	A1	TILT SKILLET	CLEVELAND	SGL-40-T1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4"	-	-	QUICK DISCONNECT	5'	-
54	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	0.7	6.0	1	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	SUPPLIED W/ EQUIP.	-	GFI BREAKER
104	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	0.7	6.0	1	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	SUPPLIED W/ EQUIP.	-	GFI BREAKER
154	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-	-	3/4"	76	-	-	-	-	-	QUICK DISCONNECT	5'	-
204	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-	-	3/4"	76	-	-	-	-	-	QUICK DISCONNECT	5'	-
55	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	0.7	6.0	1	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	SUPPLIED W/ EQUIP.	-	GFI BREAKER
105	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	0.7	6.0	1	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	SUPPLIED W/ EQUIP.	-	GFI BREAKER
155	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-	-	3/4"	76	-	-	-	-	-	QUICK DISCONNECT	5'	-
205	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-	-	3/4"	76	-	-	-	-	-	QUICK DISCONNECT	5'	-
56	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	0.7	6.0	1	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	SUPPLIED W/ EQUIP.	-	GFI BREAKER
106	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	0.7	6.0	1	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	SUPPLIED W/ EQUIP.	-	GFI BREAKER
156	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-	-	3/4"	76	-	-	-	-	-	QUICK DISCONNECT	5'	-
206	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-	-	3/4"	76	-	-	-	-	-	QUICK DISCONNECT	5'	-
65	A1	SGL. STEAMER	CLEVELAND	24-GSA-10.2	0.5	2.5	1	120	1	20	1	-	-	-	1/2"	-	-	-	-	-	-	DIRECT, COND. & WIRE	8'	NON-GFI BREAKER
66	A1	SGL. STEAMER	CLEVELAND	24-GSA-10.2	-	-	-	-	-	-	-	-	-	-	3/4"	144	-	-	-	-	-	QUICK DISCONNECT	5'	-
67	A1	SGL. STEAMER	CLEVELAND	24-GSA-10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4"	-	-	QUICK DISCONNECT	5'	-
167	A1	SGL. STEAMER	CLEVELAND	24-GSA-10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4"	-	-	QUICK DISCONNECT	5'	FILTERED
75	A1	SGL. STEAMER	CLEVELAND	24-GSA-10.2	0.5	2.5	1	120	1	20	1	-	-	-	1/2"	-	-	-	-	-	-	DIRECT, COND. & WIRE	8'	NON-GFI BREAKER
76	A1	SGL. STEAMER	CLEVELAND	24-GSA-10.2	-	-	-	-	-	-	-	-	-	-	3/4"	144	-	-	-	-	-	QUICK DISCONNECT	5'	-
77	A1	SGL. STEAMER	CLEVELAND	24-GSA-10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4"	-	-	QUICK DISCONNECT	5'	-
177	A1	SGL. STEAMER	CLEVELAND	24-GSA-10.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4"	-	-	QUICK DISCONNECT	5'	FILTERED
63	-	DUPLEX OUTLET	-	-	-	-	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	-	FACTORY	-	GFI BREAKER
203	-	DUPLEX OUTLET	-	-	-	-	120	1	20	1	5-20R	A00A4934	-	-	-	-	-	-	-	-	-	FACTORY	-	GFI BREAKER

TOTAL CONNECTED LOAD:	8.7	KW	24.1	AMP	0.0	KW	0.0	AMP	978						MBH	H.W.	STEAM SUPPLY							
FUTURE AVAILABLE LOAD CAPACITY:	5.7	KW	15.9	AMP	0.0	KW	0.0	AMP	722						MBH	3/4"								
SYSTEM CAPACITY:	14.4	KW	40.0	AMP	0.0	KW	0.0	AMP	1700						MBH	C.W.	COND. RETURN							
SERVICE SIZE:	208 VP 3 PH/ 50 AMP						V/ PH/ AMP		2" IPS SINGLE							3/4"								

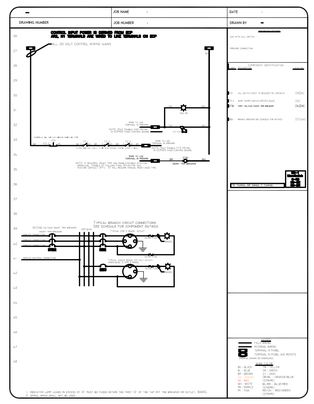
UTILITY DISTRIBUTION SYSTEM FILTER INFORMATION

CONN. #	ITEM	DESCRIPTION	MANUFACTURER	MODEL #	EQUIPMENT CUTSHEETS (SPEC)	STAR NOTE	FILTER MANUFACTURER	FILTER MODEL #	FILTER CUTSHEETS (SPEC)	CONNECTION INLET	CONNECTION OUTLET	CONNECTION TYPE	CONNECTION LENGTH
101	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-
102	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-
103	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-
104	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-
105	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-
106	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-
151	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	1	EATONS	C250-CU	-	3/4"	3/4"	FACTORY	-
152	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	-	-	-	-	-	-	-	-
153	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-
154	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-
155	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-
156	A1	SGL. CONV. OVEN	BLODGETT	SGG-100 DOUBLE	-	-	-	-	-	-	-	-	-
151	A1	SGL. COMBI OVEN	VULCAN	ABC7G-NAT/ABC7G-NAT	-	2	EVERPURE	EV9797-40	3	3/4"	3/4"	FACTORY	-



TYPICAL SECTION VIEW
MODEL UDI DISTRIBUTION SYSTEM

PRODUCT DESCRIPTION	
UDS STYLE	ISLAND
UDS CAPACITY	8 FT.
DUCT HEIGHT	120" AFF
# MAX DOGA OR HDS	4
PLATFORM TO FLOOR	14"
UDS WIDTH	54"
TOP OF PLATFORM FROM FLOOR	33.50"
DUCTS LOCATION	UNDERNEATH
CENTER HEIGHT (IF APPLICABLE)	N/A
PLUMBING HEIGHT	14"



PAGE 2 OF 2

JOB	Fairhope HS (UDS)
LOCATION	-
DATE	1/23/26
JOB #	-
DRAWN BY	AGS
CHECKED BY	BET
REV.	-
SCALE	3/4"

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 EQUIPMENT
ITEM 41.1 UDS

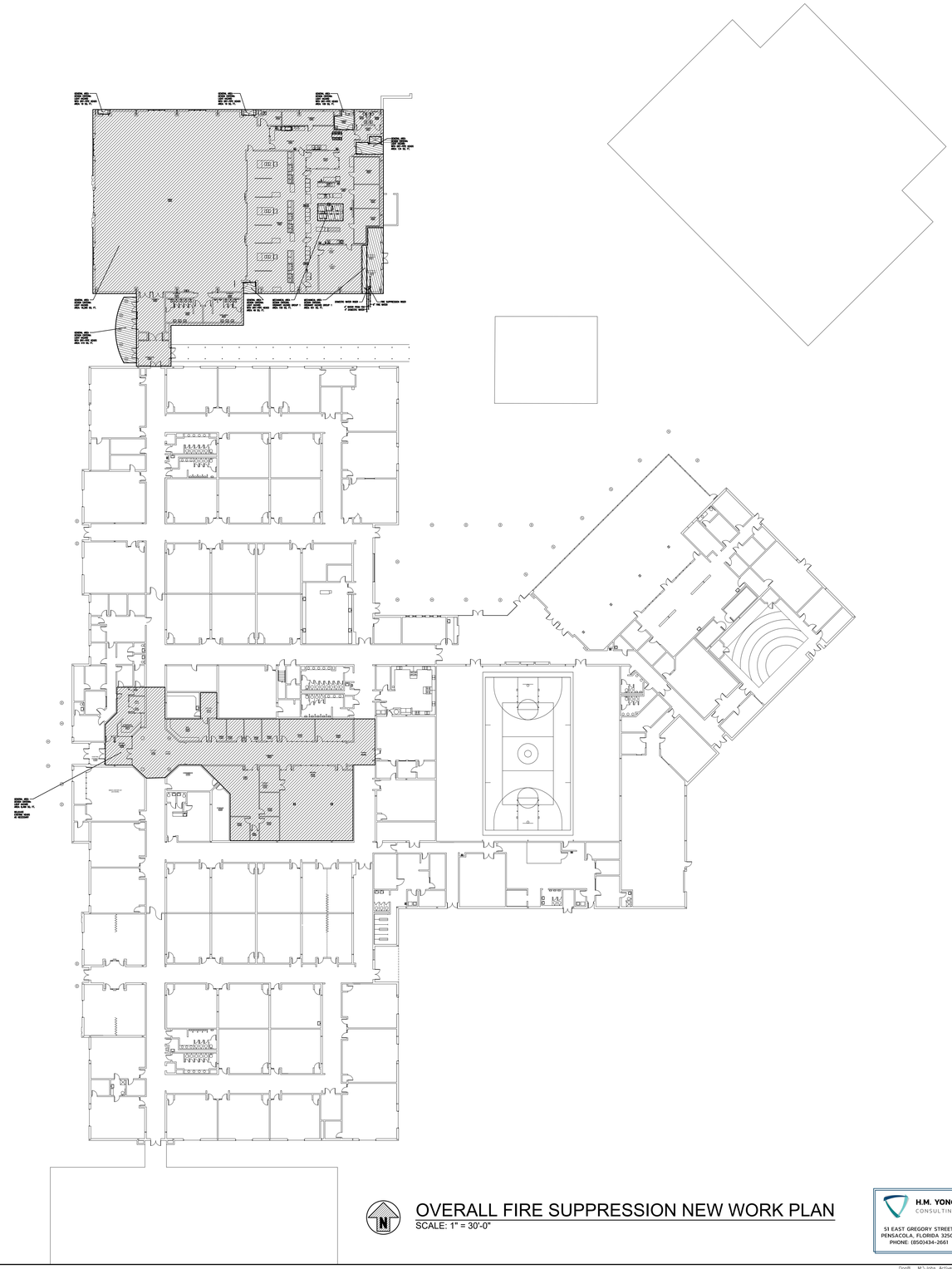
STATE OF ALABAMA
WALTER T. McKEE, JR.
No. 1082
MONTGOMERY, ALA.
REGISTERED ARCHITECT

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

JOB NO. 25-160B

SHEET NO:
FS-700

0 1" 2"



OVERALL FIRE SUPPRESSION 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: OVERALL FIRE SUPPRESSION NEW WORK PLAN

STATE OF ALABAMA
LICENSED
H.M. YONGE
PROFESSIONAL ENGINEER
03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

JOB NO. 25-160B

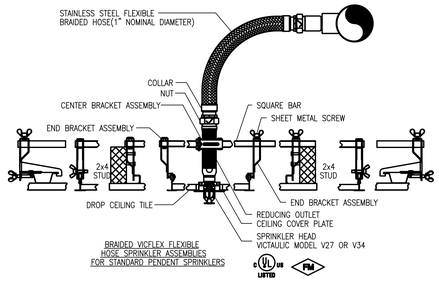
SHEET NO:

FP1.0

0 1" 2"

DonB M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 FP10.dwg 25 MARCH 2026 1105

- Wednesday, March 25, 2026 11:06:43 AM



HOSE SPRINKLER ASSEMBLY DETAIL

NOT TO SCALE

FIRE SUPPRESSION GENERAL NOTES:

1. COORDINATE INSTALLATION OF FIRE ZONE RISERS WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ADEQUATE SPACE FOR INSTALLATION.
2. SEE NFPA 13 – 2-8.2 FOR CONNECTIONS PASSING THROUGH OR UNDER FOUNDATION WALLS.
3. COORDINATE PIPE ROUTING WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS TO INSURE ADEQUATE SPACE IS AVAILABLE.
4. REFERENCE FLOW TEST DATA AND EVALUATE WHETHER STRATEGIC UPSIZING OF LINES CAN PROVIDE SUFFICIENT WATER FLOW AND PRESSURE.
5. FOR CLARITY NOT ALL PIPING TURNS ARE SHOWN IN DETAIL.
6. FIRE SUPPRESSION WATER SUPPLY LINE SHALL BE FLOWED AND WITNESSED PRIOR TO CONNECTION OF RISER.

FIRE SUPPRESSION KEYNOTE:

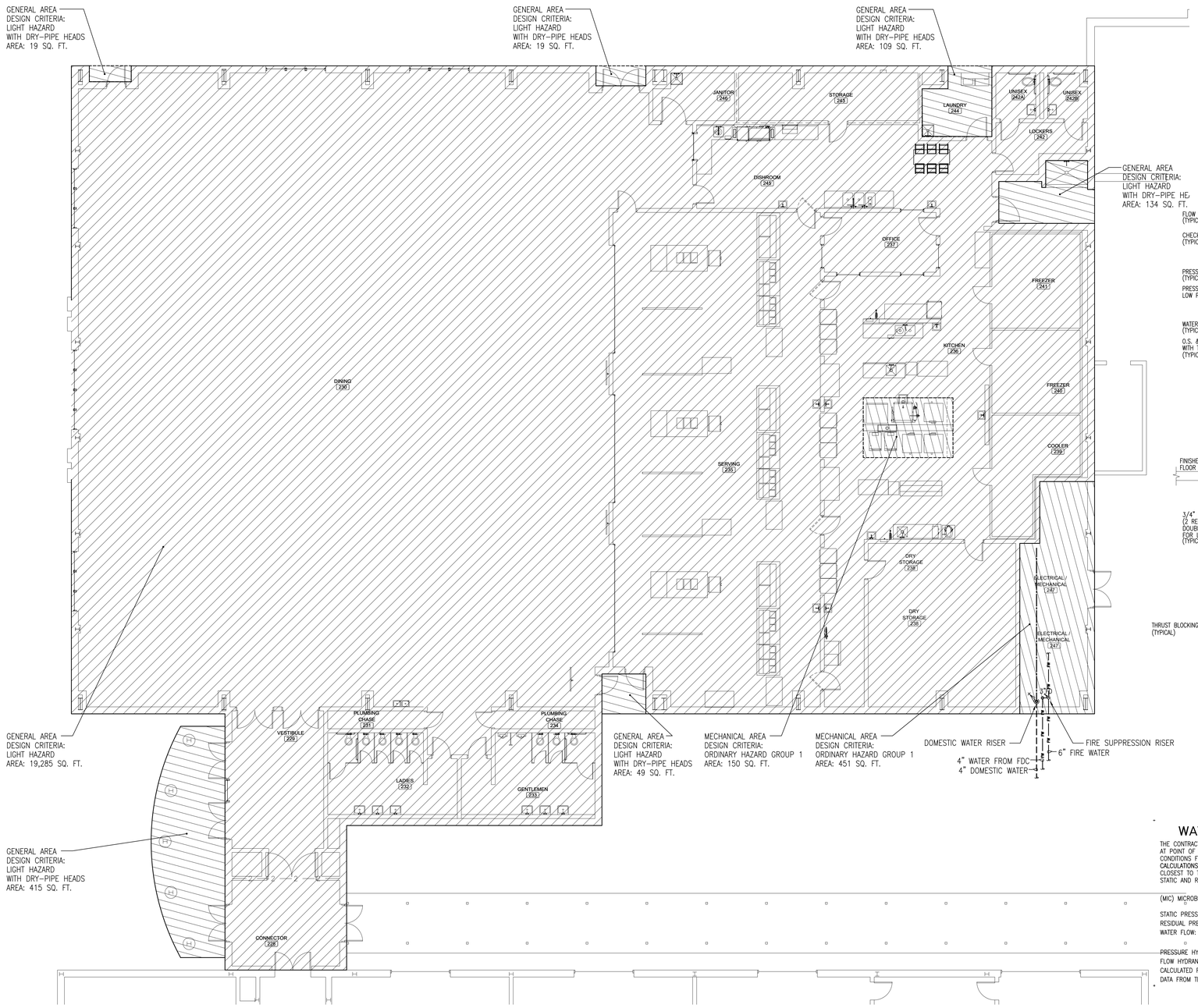
(1) FIRE SUPPRESSION WATER SUPPLY LINE SHALL BE PRESSURE TESTED AND WITNESSED BY AN ABC OFFICIAL PRIOR TO CONNECTION OF RISER.

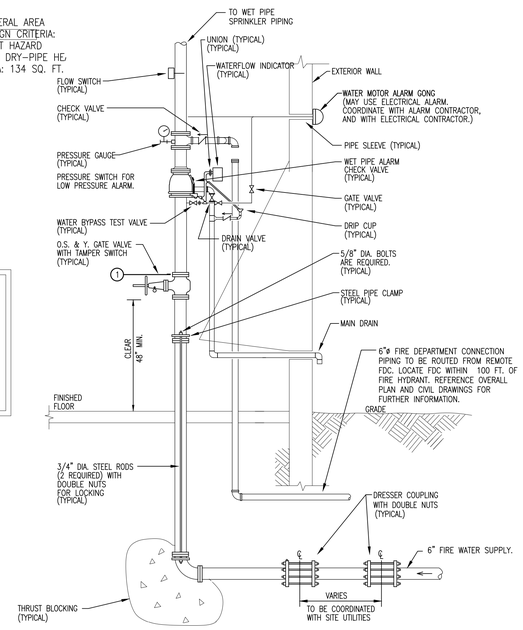
SYSTEM DESIGN APPROACH CRITERIA

ORDINARY HAZARD GROUP I – WET PIPE FIRE SPRINKLER SYSTEM WITH A DENSITY OF .15 GPM OVER A MINIMUM REMOTE AREA OF 1500 SQUARE FEET WITH A HOSE STREAM ALLOWANCE OF 250 GPM AND 130 SQUARE FEET OF COVERAGE PER SPRINKLER HEAD MAXIMUM.

LIGHT HAZARD – WET PIPE FIRE SPRINKLER SYSTEM WITH A DENSITY OF .10 GPM OVER A MINIMUM REMOTE AREA OF 1500 SQUARE FEET WITH A HOSE STREAM ALLOWANCE OF 100 GPM AND 225 SQUARE FEET OF COVERAGE PER SPRINKLER HEAD MAXIMUM.

SPRINKLER DESIGN SHALL BE IN ACCORDANCE WITH NFPA 13. ALL SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE.





FIRE SUPPRESSION RISER DETAIL

NOT TO SCALE

NOTES:

1. COORDINATE INSTALLATION OF FIRE ZONE RISERS WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ADEQUATE SPACE FOR INSTALLATION.
2. SEE NFPA 13 – 2-8.2 FOR CONNECTIONS PASSING THROUGH OR UNDER FOUNDATION WALLS.
3. COORDINATE PIPE ROUTING WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS TO INSURE ADEQUATE SPACE IS AVAILABLE.
4. REFERENCE FLOW TEST DATA AND EVALUATE WHETHER STRATEGIC UPSIZING OF LINES CAN PROVIDE SUFFICIENT FLOW WITHOUT A FIRE PUMP.

WATER FLOW DATA

THE CONTRACTOR SHALL CONDUCT A HYDRANT FLOW TEST AT POINT OF CONNECTION TO OBTAIN CURRENT FLOW CONDITIONS FOR THE SPRINKLER SYSTEM HYDRAULIC CALCULATIONS. THE TEST HYDRANT SHALL BE THE ONE CLOSEST TO THE BLDG. THIS HYDRANT WILL SUPPLY THE STATIC AND RESIDUAL PRESSURES.

(MIC) MICROBIAL INDUCED CORROSION IS NOT EXPECTED.

STATIC PRESSURE: 65 – PSI
RESIDUAL PRESSURE: 42 – PSI
WATER FLOW: 920 – GPM

PRESSURE HYDRANT – xxx
FLOW HYDRANT – xxx
CALCULATED FLOW @ 20 PSI = 1,322 – GPM
DATA FROM TEST CONDUCTED ON 16 DEC. 2025

FIRE SUPPRESSION 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: FIRE SUPPRESSION NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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

JOB NO. 25-160B

SHEET NO:

FP1.1

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

- Wednesday, March 25, 2026 11:07:38 AM
DonB. M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 FP10.dwg 25 MARCH 2026 1105

FIRE SUPPRESSION GENERAL NOTES:

1. COORDINATE INSTALLATION OF FIRE ZONE RISERS WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ADEQUATE SPACE FOR INSTALLATION.
2. SEE NFPA 13 – 2-8.2 FOR CONNECTIONS PASSING THROUGH OR UNDER FOUNDATION WALLS.
3. COORDINATE PIPE ROUTING WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS TO INSURE ADEQUATE SPACE IS AVAILABLE.
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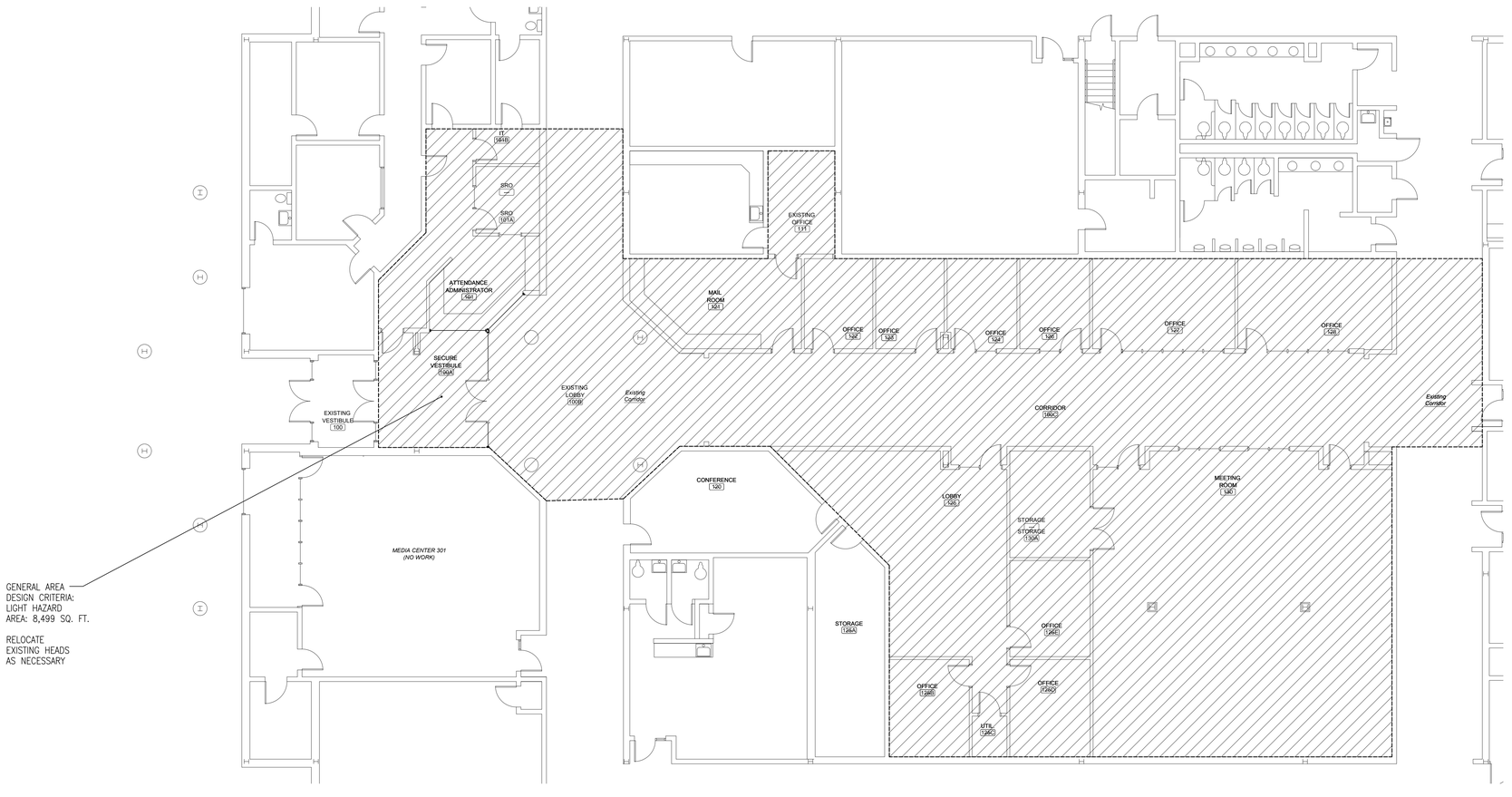
6. FIRE SUPPRESSION WATER SUPPLY LINE SHALL BE FLOWED AND WITNESSED PRIOR TO CONNECTION OF RISER.



FIRE SUPPRESSION NEW WORK PLAN - MEDIA CENTER

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: FIRE SUPPRESSION NEW WORK PLAN - MEDIA CENTER AND CLASSROOM ALTERATIONS

STATE OF ALABAMA
JAMES M. MANGUM
REGISTERED
PROFESSIONAL ENGINEER
No. 29102
03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	S. ACREE
DATE:	03/25/26
REVISIONS	

JOB NO. 25-160B

SHEET NO: FP1.2

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

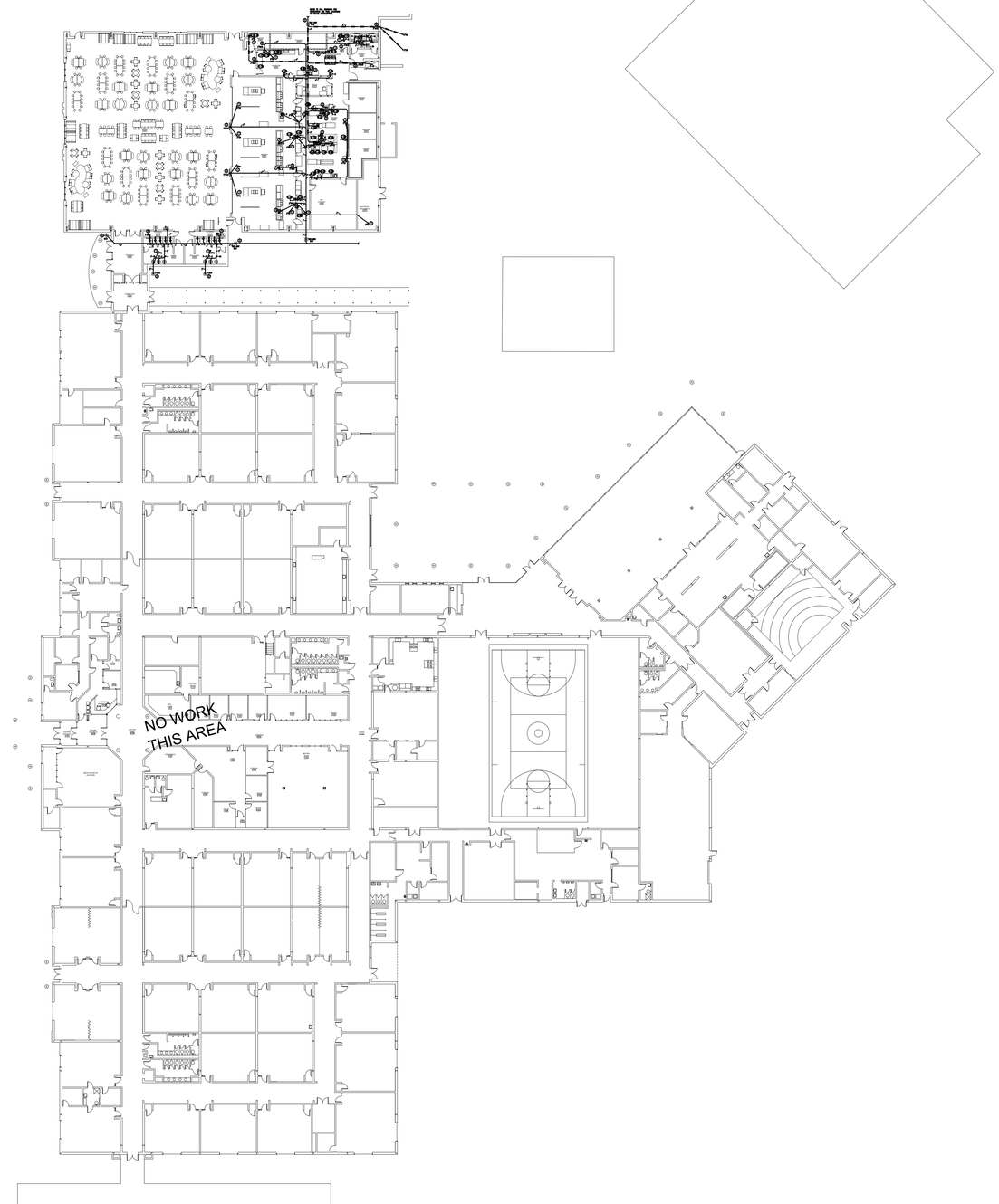
- Wednesday, March 25, 2026 11:08:24 AM
DonB: M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 FP10.dwg 25 MARCH 2026 11:05

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

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: OVERALL SANITARY NEW WORK PLAN

STATE OF ALABAMA — LICENSED — H.M. YONGE — 24148 — REGISTERED ENGINEER
03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

JOB NO. 25-160B

SHEET NO:

P1.0

0 1" 2"

- Wednesday, March 25, 2026 11:10:06 AM

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.
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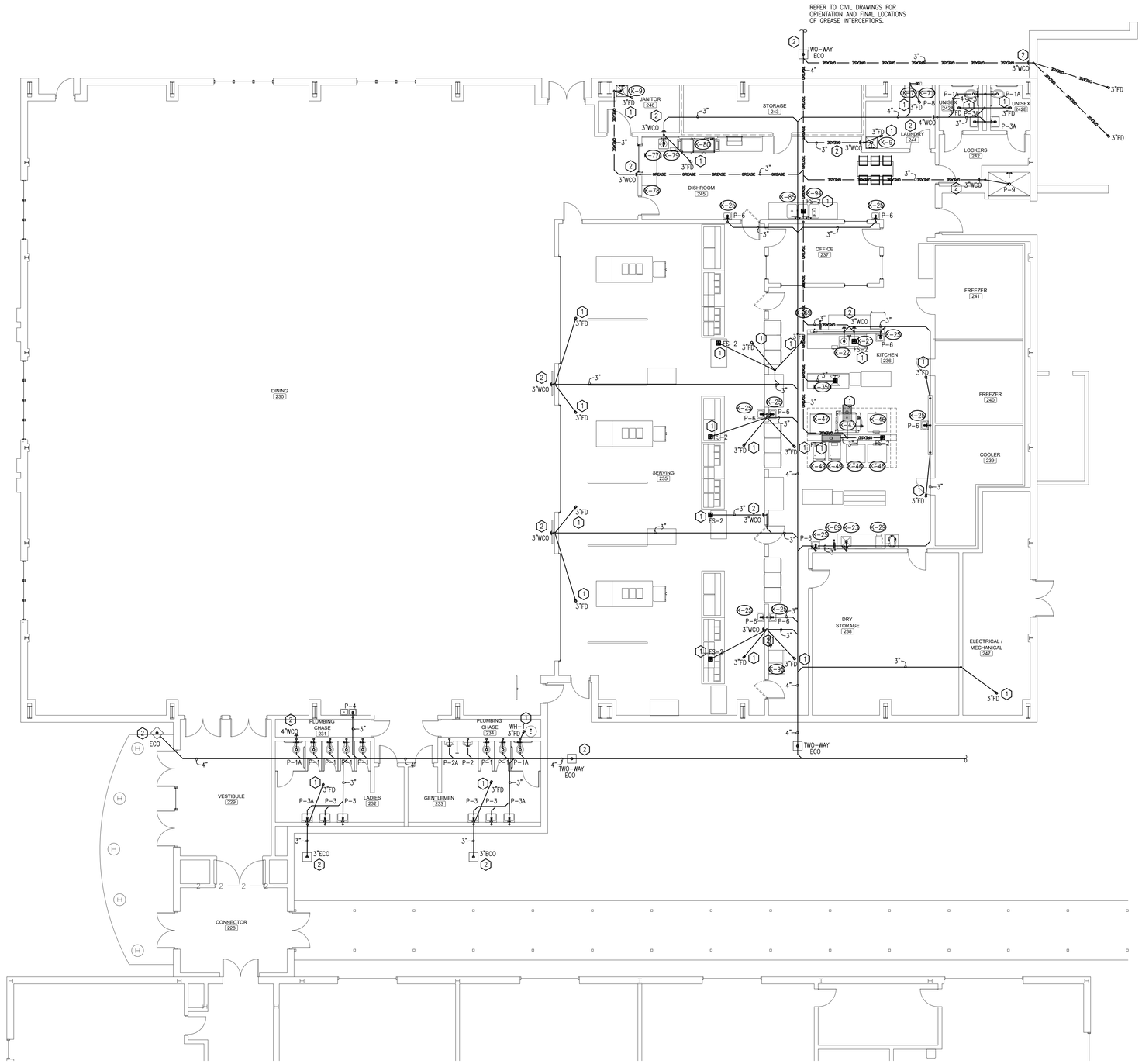

SANITARY NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

SCALE: 1/8" = 1'-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: SANITARY NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA 24046 REGISTERED ARCHITECT
03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

JOB NO. 25-160B

SHEET NO: P1.1

0 1" 2"

- Wednesday, March 25, 2026 11:12:12 AM

DonB. M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 P1.1R.dwg 25 MARCH 2026 11:09

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.
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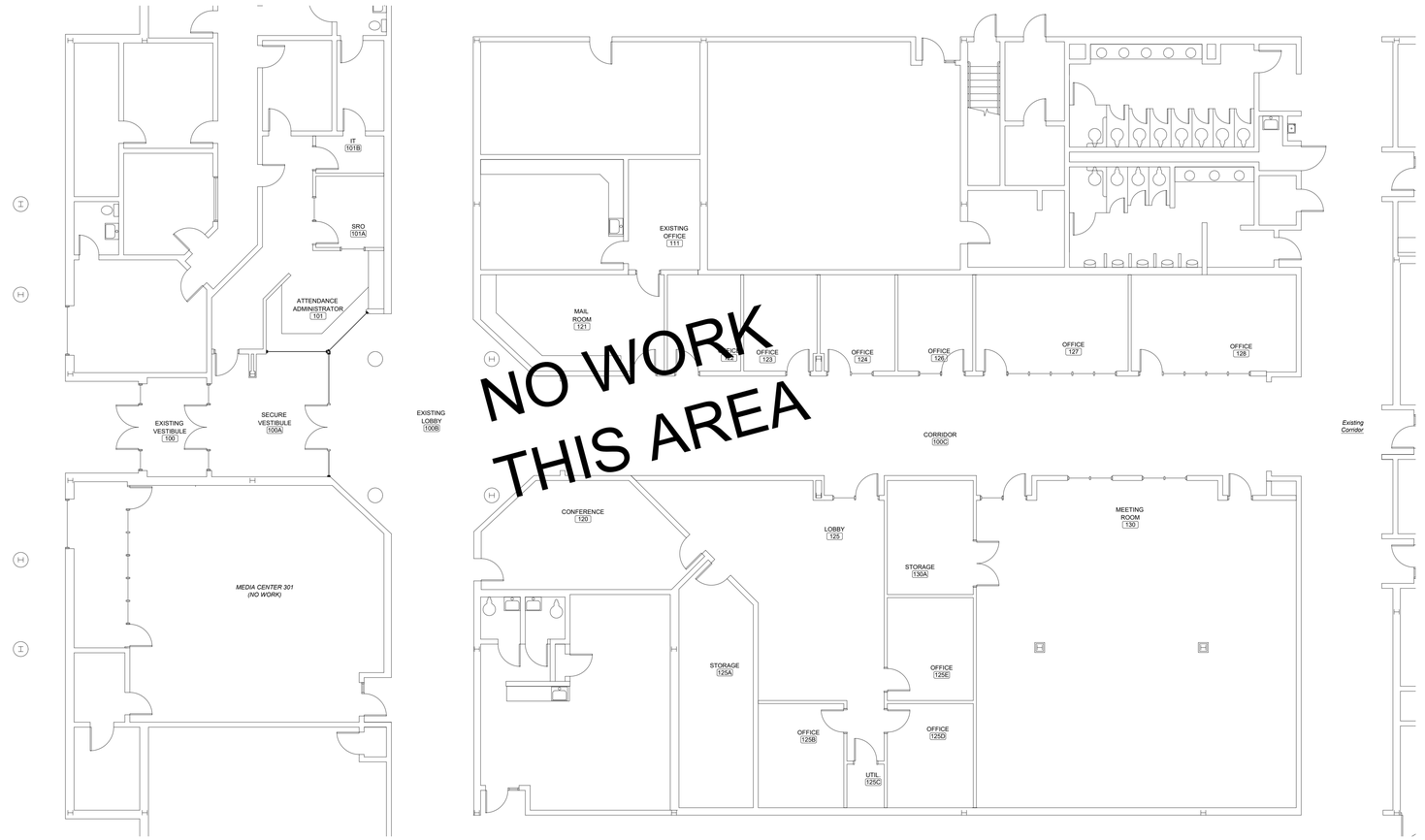


SANITARY NEW WORK PLAN -
MEDIA CENTER
SCALE: 1/8" = 1'-0"

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 - MEDIA CENTER AND CLASSROOM ALTERATIONS

ALABAMA 24245 REGISTERED PROFESSIONAL ENGINEER H.M. YONGE
03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

JOB NO. 25-160B

SHEET NO:

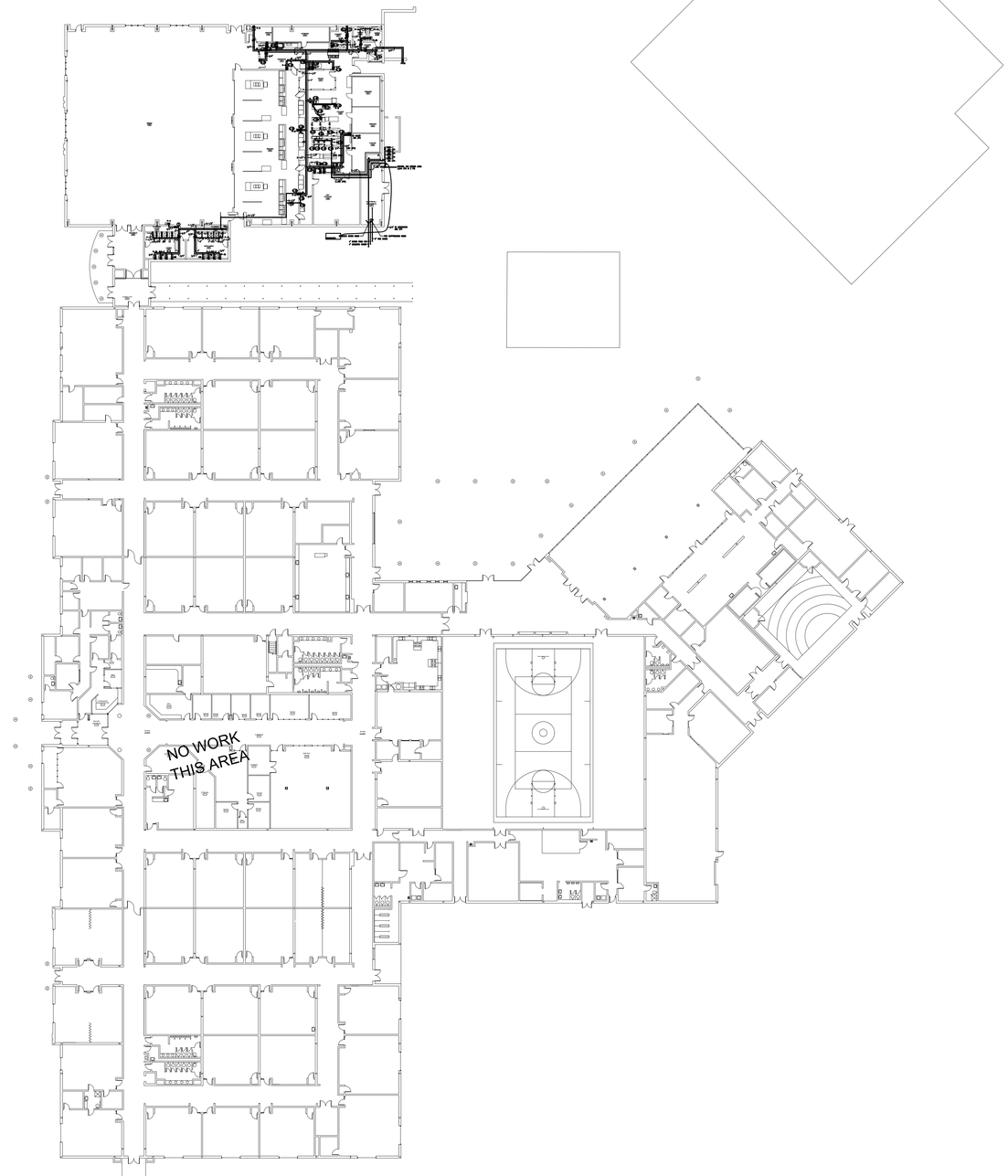
P1.2

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

- Wednesday, March 25, 2026 11:12:57 AM

Don B. M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 P1DR.dwg 25 MARCH 2026 11:09



OVERALL DOMESTIC WATER 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 DOMESTIC WATER NEW WORK PLAN

ALABAMA
REGISTERED
26948
ENGINEER

03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

JOB NO. 25-160B

SHEET NO:

P2.0

0 1" 2"

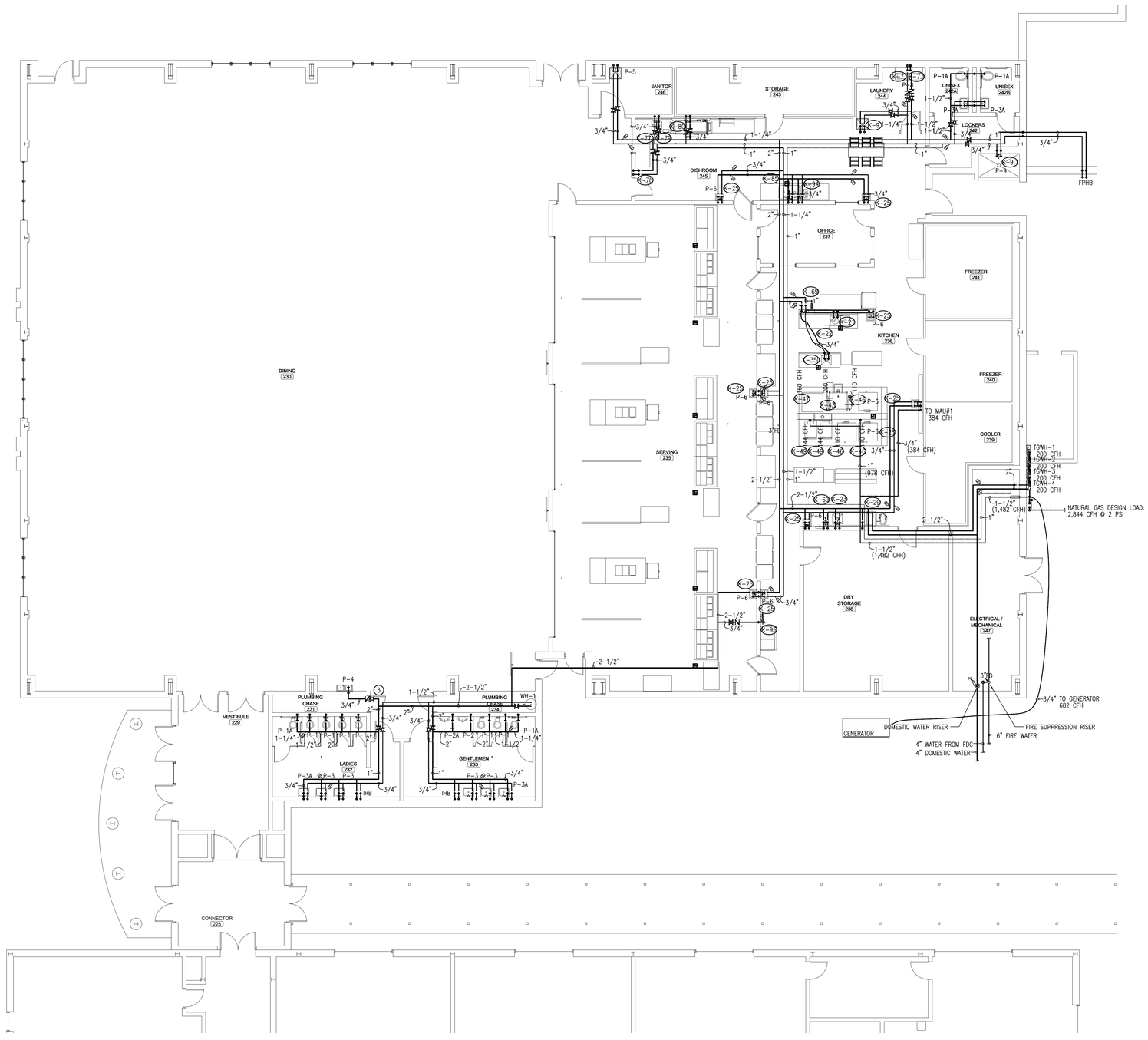
H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988

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

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

DonB. M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 P20.dwg 25 MARCH 2026 0906

- Wednesday, March 25, 2026 10:53:12 AM



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

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

03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

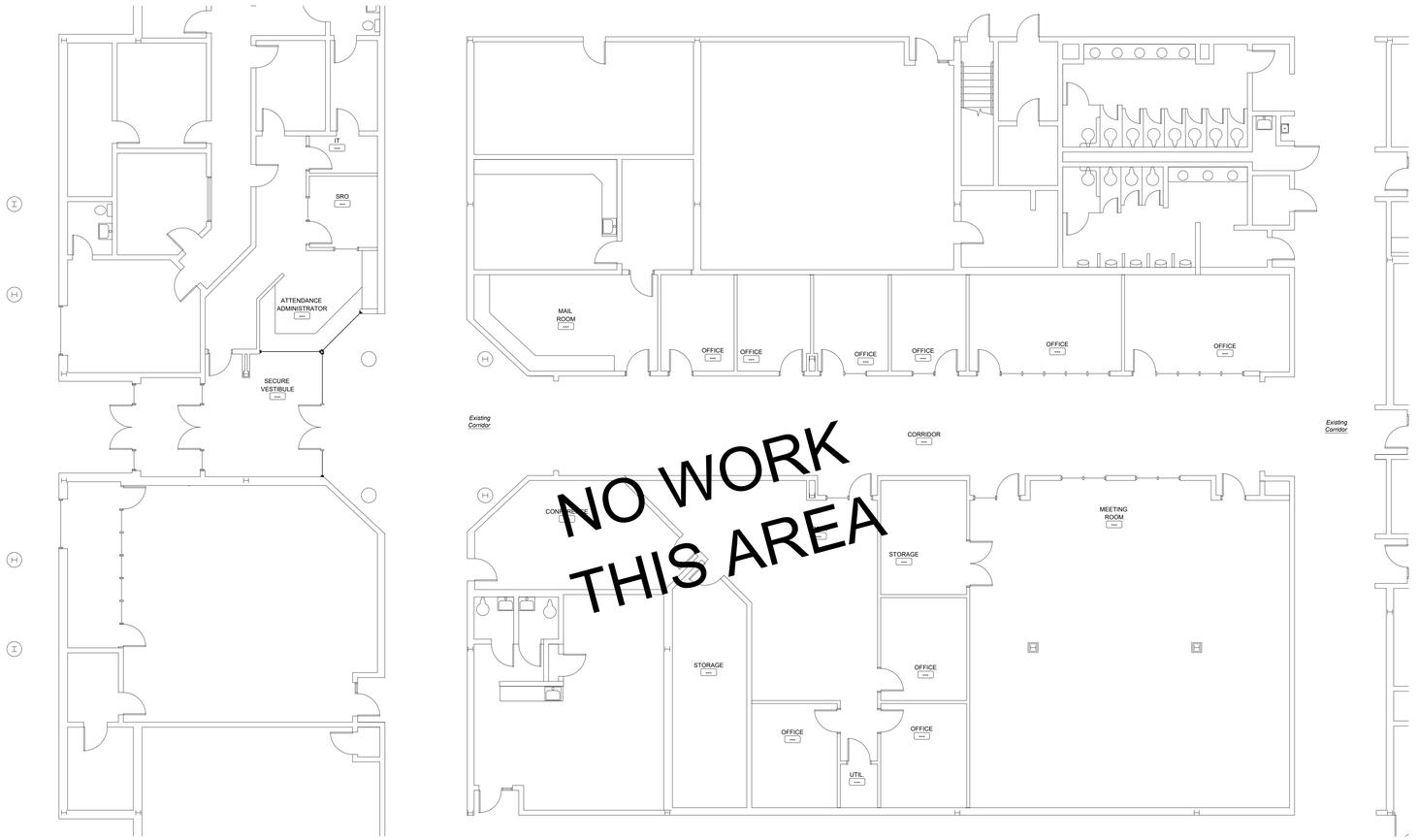
JOB NO. 25-160B

SHEET NO: P2.1

0 1" 2"

- Wednesday, March 25, 2026 10:54:34 AM

DonB: M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 P20.dwg 25 MARCH 2026 0906



DOMESTIC WATER NEW WORK PLAN - MEDIA CENTER

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 - MEDIA CENTER AND CLASSROOM ALTERATIONS

ALABAMA LICENSED LANDSCAPE ARCHITECT
H.M. YONGE
03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

JOB NO. 25-160B

SHEET NO: P2.2

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

- Wednesday, March 25, 2026 10:55:32 AM

DonB: M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 P20.dwg 25 MARCH 2026 0906

KITCHEN EQUIPMENT LISTING

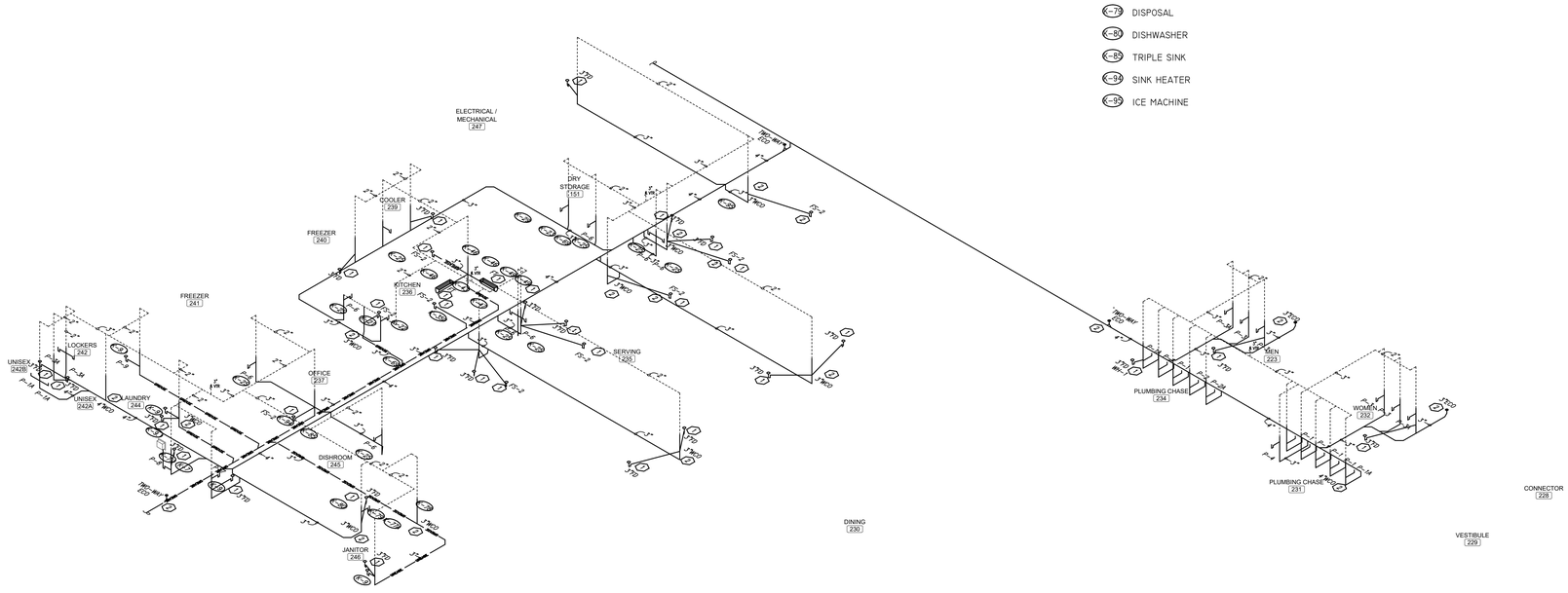
- K-7 CLOTHES WASHER
- 7 CLOTHES DRYER
- K-9 MOP SINK
- 9 SERVICE FAUCETS
- 21 DOUBLE SINK
- 22 DISPOSAL
- 25 SINK
- 25 HAND SINK
- 29 WASTE RECEPTICAL
- 29 HOT WATER DISPENSER
- 35 WORK TABLE with SINK
- 41 UTILITY DISTRIBUTION SYSTEM
- 43 GAS BRAISING PAN
- 46 GAS CONVECTION DOUBLE STACK OVEN
- 47 GAS COMBINATION DOUBLE STACK OVEN
- 48 FLOOR TROUGH
- 49 GAS STEAMER
- 60 HOSE REEL
- 74 ICE MACHINE
- 77 PRE-RINSE FAUCET
- 78 HOSE REEL
- 79 DISPOSAL
- 80 DISHWASHER
- 83 TRIPLE SINK
- 94 SINK HEATER
- 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.

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 RISER DIAGRAM - CAFETERIA-KITCHEN BUILDING

SCALE: NONE

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

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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 WASTE RISER DIAGRAM - CAFETERIA-KITCHEN BUILDING

ALABAMA 24345 REGISTERED ENGINEER
03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

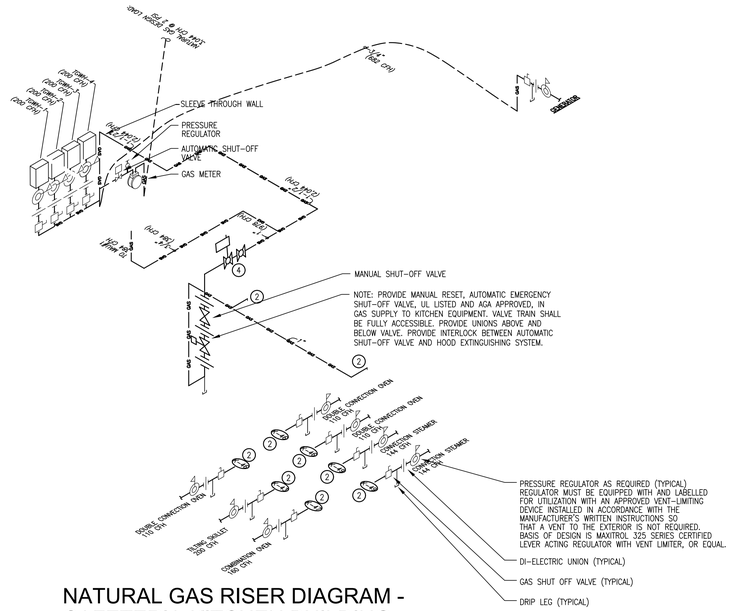
JOB NO. 25-160B

SHEET NO:

P3.1

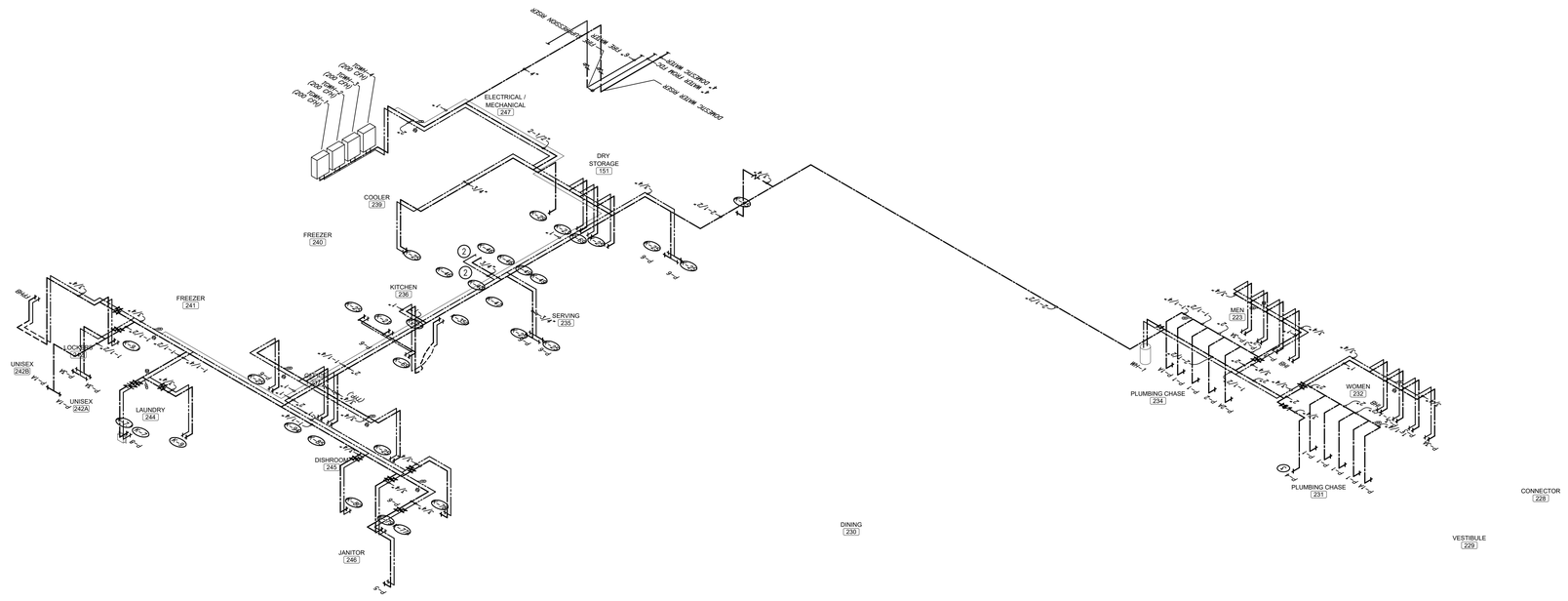
0 1" 2"

- Wednesday, March 25, 2026 11:14:57 AM



NATURAL GAS RISER DIAGRAM - CAFETERIA-KITCHEN BUILDING

SCALE: NONE



DOMESTIC WATER RISER DIAGRAM - CAFETERIA-KITCHEN BUILDING

SCALE: NONE

KITCHEN EQUIPMENT LISTING

- K-7 CLOTHES WASHER
- K-7 CLOTHES DRYER
- K-9 MOP SINK
- K-9 SERVICE FAUCETS
- K-27 DOUBLE SINK
- K-27 DISPOSAL
- K-27 SINK
- K-29 HAND SINK
- K-29 HOT WATER DISPENSER
- K-35 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-77 FAUCET
- K-79 HOSE REEL
- K-79 DISPOSAL
- K-80 DISHWASHER
- K-85 TRIPLE SINK
- K-94 SINK HEATER
- K-99 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.
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.

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

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
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03/25/26

PROJ. MGR.:	H.M. YONGE
DRAWN:	D. B.
DATE:	03/25/26
REVISIONS	

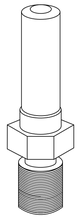
JOB NO. 25-160B

SHEET NO: P3.2

0 1" 2"

DonB. M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170 P20.dwg 25 MARCH 2026 0901

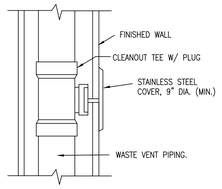
- Wednesday, March 25, 2026 11:03:35 AM



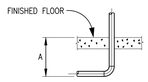
AIR PRELOAD PSI	FIXTURE UNITS	P.D.I. SYMBOL
60	1–11	A
60	12–32	B
60	33–60	C
60	61–113	D
60	114–154	E
60	155–330	F

NOTE: WATER HAMMER ARRESTORS TO BE LOCATED ABOVE ELEVATION OF CEILING.

WATER HAMMER DETAIL
NOT TO SCALE



WALL CLEANOUT DETAIL
NOT TO SCALE



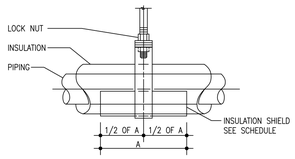
NOM. PIPE DIAMETER	MINIMUM A DIMENSION
1"	12"
2"	15"
3"	18"
4"	20"
6"	24"
8"	30"

PIPING SLAB-PENETRATION DETAIL
NOT TO SCALE

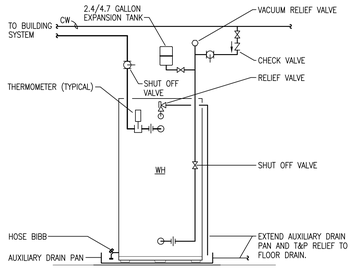
NOTES: ADJACENT PIPING SLAB PENETRATIONS SHALL HAVE A MINIMUM OF ONE INCH CLEARANCE BETWEEN THEM.

ALL PENETRATIONS SHALL BE MADE VERTICALLY.

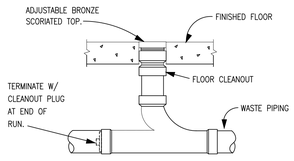
INSULATION SHIELD SCHEDULE		
SIZE	DIM. A	GA. STEEL
UP TO 4"	12"	10"
5" & 6"	18"	10"
ABOVE 6"	24"	14"



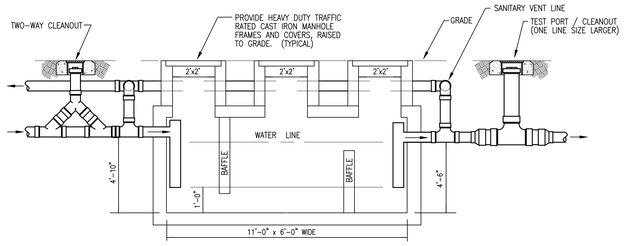
PIPE SHIELD DIAGRAM
NOT TO SCALE



ELECTRIC WATER HEATER DETAIL
NOT TO SCALE



FLOOR CLEANOUT DETAIL
NOT TO SCALE



GREASE TRAP CALCULATION

D TOTAL NUMBER OF SEATS
500

MF MEAL FACTOR
1.33 (FAST FOOD/CAFETERIA 45 MINUTES)

GL GALLONS OF WASTEWATER PER MEAL
6 (WITH DISHWASHER MACHINE)

RT RETENTION TIME
2.5 (COMMERCIAL KITCHEN)

ST STORAGE FACTOR
1.0 (OPERATION OF 8 HOURS)

D x MF x GL x RT x ST = GT (GALLONS)
500 x 1.33 x 6.0 x 2.5 x 1.0 = 9,975 = 1,995 LBS. GREASE
SIZE PROVIDED 2500 LB.

NOTES:
1. PROVIDE TWO-WAY CLEANOUTS BEFORE, BETWEEN, AND AFTER GREASE TRAPS.
2. WALLS, TOP, AND BOTTOM SHALL BE 4" THICK CONCRETE, WITH #5 RODS, 6" ON CENTER EACH WAY.
3. PRECAST UNITS MAY BE INSTALLED, PROVIDED THEY ARE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE CODES AND PIPING IS AS SHOWN ON THIS DETAIL.
4. PROVIDE INTERCEPTOR WITH BAFFLES.
5. FIELD VERIFY EXACT LOCATION FOR GREASE TRAPS AND COORDINATE THEIR INSTALLATION WITH OWNER'S REPRESENTATIVES AND GENERAL CONTRACTOR. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL EXISTING CONCRETE PAVING AND UTILITIES DAMAGED DURING INSTALLATION.
6. GREASE INTERCEPTORS SHALL BE INSTALLED IN FULL COMPLIANCE OF THE ALABAMA LAW, THE SADIE GRACE ANDREWS ACT.

GREASE TRAP DETAIL
NOT TO SCALE

PLUMBING LEGEND	
AFF	ABOVE FINISHED FLOOR
CO	CLEANOUT
CW	COLD WATER
ECO	EXTERIOR CLEANOUT
FD	FLOOR DRAIN
HW	HOT WATER
WCO	WALL CLEANOUT
VTR	VENT THRU ROOF
———	COLD WATER PIPING
— —	UNDERGROUND WATER PIPING
———	140° HOT WATER PIPING
———	HOT WATER RETURN PIPING
———	SANITARY WASTE PIPING
———	FIRE WATER PIPING
—— ——	VENT PIPING
—— ——	BALL VALVE
	WATTS MODEL SD-3 DUAL CHECK WITH ATMOSPHERIC PORT. (OR EQUIVALENT)
	WATTS MODEL 009 DUAL CHECK WITH ATMOSPHERIC PORT. (OR EQUIVALENT)
	SOLENOID ACTUATED VALVE
	P-TRAP
	VENT THRU ROOF
	WATER HAMMER ARRESTOR

KITCHEN EQUIPMENT LISTING

K-1	CLOTHES WASHER
K-1	CLOTHES DRYER
K-1	MOP SINK
K-1	SERVICE FAUCETS
K-2	DOUBLE SINK
K-2	DISPOSAL
K-2	SINK
K-2	HAND SINK
K-2	HOT WATER DISPENSER
K-3	WORK TABLE WITH SINK
K-4	GAS BRAISING PAN
K-4	GAS CONVECTION DOUBLE OVEN
K-4	GAS COMBINATION DOUBLE OVEN
K-4	GAS STEAMER
K-6	HOSE REEL
K-7	ICE MACHINE
K-7	FAUCET
K-7	HOSE REEL
K-7	DISPOSAL
K-8	DISHWASHER
K-8	TRIPLE SINK
K-9	SINK HEATER
K-9	ICE MACHINE

WATER HEATER SCHEDULE

MARK	LOCATION	CAPACITY (GALLONS)	STORAGE TEMP °F	ELECTRICAL DATA VOLTS	PHASE	Hz	kW	REMARKS
WH-1	PLUMBING CHASE 102A	40	140	480	3	60	6.0	GLASS-LINED, FOAM INSULATED, ENERGY MISER TYPE WITH EXPANSION TANK, T&P RELIEF VALVE, AUXILIARY DRAIN PAN AND HEAT TRAPS. (BASIS OF DESIGN: RHEEM-RUUD ELD40-TB.)

NOTES:
1. WH-1 SHALL HAVE TWO ELEMENTS AT 3.0kW EACH WIRED FOR SIMULTANEOUS OPERATION.

PLUMBING FIXTURE CONNECTION SCHEDULE

MARK	FIXTURE	CONNECTIONS WASTE	CW	HW	DESCRIPTION
P-1	WATER CLOSET	4"	1"	--	15" HIGH ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, FLUSH VALVE TYPE. PROVIDE WHITE OPEN FRONT SEAT LESS COVER.
P-1A	WATER CLOSET (HANDICAPPED)	4"	1"	--	16-1/2" HIGH ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, FLUSH VALVE TYPE. PROVIDE WHITE OPEN FRONT SEAT LESS COVER. INSTALL PER ADA REQUIREMENTS.
P-2	URINAL	2"	3/4"	--	WALL HUNG TYPE WITH FLUSH VALVE AND FLOOR MOUNTED CARRIER. MANUAL 1.0 gpf FLUSH
P-2A	URINAL (HANDICAPPED)	2"	3/4"	--	WALL HUNG TYPE WITH FLUSH VALVE AND FLOOR MOUNTED CARRIER. MANUAL 1.0 gpf FLUSH. INSTALL PER ADA REQUIREMENTS.
P-3	LAVATORY	1-1/2"	3/4"	3/4"	WALL HUNG VITREOUS CHINA WITH SINGLE LEVER FAUCET AND GRID WASTE, 1-1/2" 17 GA. P-TRAP, FLEXIBLE SUPPLIES AND STOPS. FLOOR MOUNTED CONCEALED ARM CARRIER, AND INSULATION KIT.
P-3A	LAVATORY (HANDICAPPED)	1-1/2"	3/4"	3/4"	WALL HUNG VITREOUS CHINA WITH SINGLE LEVER FAUCET AND GRID WASTE, 1-1/2" 17 GA. P-TRAP, FLEXIBLE SUPPLIES AND STOPS. FLOOR MOUNTED CONCEALED ARM CARRIER, AND INSULATION KIT. INSTALL PER ADA REQUIREMENTS.
P-4	WATER COOLER (INTERIOR)	1-1/2"	1/2"	--	WALL HUNG, DUAL-HEIGHT COOLER 1-1/4", 17 GA P-TRAP, FLEXIBLE SUPPLY WITH ANGLE STOP AND FLOOR-SUPPORTED CARRIER. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. INSTALL PER ADA REQUIREMENTS. UNIT TO INCLUDE BOTTLE-FILLING STATION.
P-5	MOP BASIN	3"	3/4"	3/4"	32"x32"x12" FLOOR-MOUNTED TYPE WITH WALL-MOUNTED FAUCET, VACUUM BREAKER, WALL BRACE, 3" IPS DRAIN, STAINLESS STEEL GRATE AND WALL SPLASH GUARDS, AND MOP RACK.
P-6	KITCHEN HAND SINK				REFER TO KITCHEN EQUIPMENT SUPPLIER FOR DETAILS. TO BE SUPPLIED BY OTHERS BUT TO BE INSTALLED AND CONNECTED BY THE PLUMBING CONTRACTOR.
P-7	LAUNDRY SINK				REFER TO KITCHEN EQUIPMENT SUPPLIER FOR DETAILS. TO BE SUPPLIED BY OTHERS BUT TO BE INSTALLED AND CONNECTED BY THE PLUMBING CONTRACTOR.
P-8	WASHING MACH. BOX	2"	3/4"	3/4"	GALVANIZED STEEL, WALL RECESSED BOX
P-9	CAN WASH	3"	3/4"	3/4"	FLOOR DRAIN SHALL BE CAST IRON BODY WITH NICKEL BRONZE RIM AND GRATE. FREE STANDING ALUMINUM BUCKET OPENING LINED WITH 1/4" STAINLESS STEEL MESH AND BRONZE ADJUSTABLE NOZZLE ASSEMBLY. CAN WASH SHALL HAVE WATER SUPPLY CONTROL BOX.

NOTE: FIXTURES SHALL BE WHITE AND FAUCETS SHALL BE POLISHED CHROME UNLESS OTHERWISE INDICATED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL HANDICAPPED FIXTURES SHALL BE ADA COMPLIANT AND INSTALLED PER ADA REQUIREMENTS. REFERENCE ARCHITECTURAL PLANS FOR INSTALLATION HEIGHTS. ALL DOMESTIC WATER PIPING ABOVE THE SLAB SHALL BE INSULATED INCLUDING PIPING INSIDE WALLS. PIPING SHALL NOT BE INSTALLED IN A MANNER IN WHICH CONTACT WITH MASONRY PRODUCTS IS ALLOWED. EACH FIXTURE MUST BE PROVIDED WITH STOPS.

DEVICE THAT CONFORMS TO ASSE 1070. SEE 2021 IPC 419.5. MAKE REVISIONS AS REQUIRED FOR COMPLIANCE.

TANKLESS GAS WATER HEATER SCHEDULE

MARK	ELECTRICAL DATA VOLTS	Hz	PHASE	FLOW DATA MIN. GPM	ACTIVATION GPM	GAS DATA MAX. BTUH	PRESS. RANGE	LOCATION	REMARKS
TGWH-1	120	60	1	0.26	0.4	199,900	-- --	NORTHEAST EXTERIOR	ENERGY EFFICIENT WITH STAINLESS STEEL CONDENSING HEAT EXCHANGER AND CIRC. PUMP. NO VENTING REQUIRED FOR OUTDOOR INSTALLATION. BASIS OF DESIGN: RHEEM RTGH-SR11i
TGWH-2	120	60	1	0.26	0.4	199,900	-- --	NORTHEAST EXTERIOR	ENERGY EFFICIENT WITH STAINLESS STEEL CONDENSING HEAT EXCHANGER AND CIRC. PUMP. NO VENTING REQUIRED FOR OUTDOOR INSTALLATION. BASIS OF DESIGN: RHEEM RTGH-SR11i
TGWH-3	120	60	1	0.26	0.4	199,900	-- --	NORTHEAST EXTERIOR	ENERGY EFFICIENT WITH STAINLESS STEEL CONDENSING HEAT EXCHANGER AND CIRC. PUMP. NO VENTING REQUIRED FOR OUTDOOR INSTALLATION. BASIS OF DESIGN: RHEEM RTGH-SR11i
TGWH-4	120	60	1	0.26	0.4	199,900	-- --	NORTHEAST EXTERIOR	ENERGY EFFICIENT WITH STAINLESS STEEL CONDENSING HEAT EXCHANGER AND CIRC. PUMP. NO VENTING REQUIRED FOR OUTDOOR INSTALLATION. BASIS OF DESIGN: RHEEM RTGH-SR11i

LATHAN ▪ McKEE ARCHITECTS

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

SHEET TITLE: PLUMBING LEGEND, SCHEDULES, and DETAILS - CAFETERIA-KITCHEN BUILDING

PROJ. MGR.: H.M. YONGE
DRAWN: D. B.
DATE: 03/25/26
REVISIONS

JOB NO. 25-160B
SHEET NO:
P4.0

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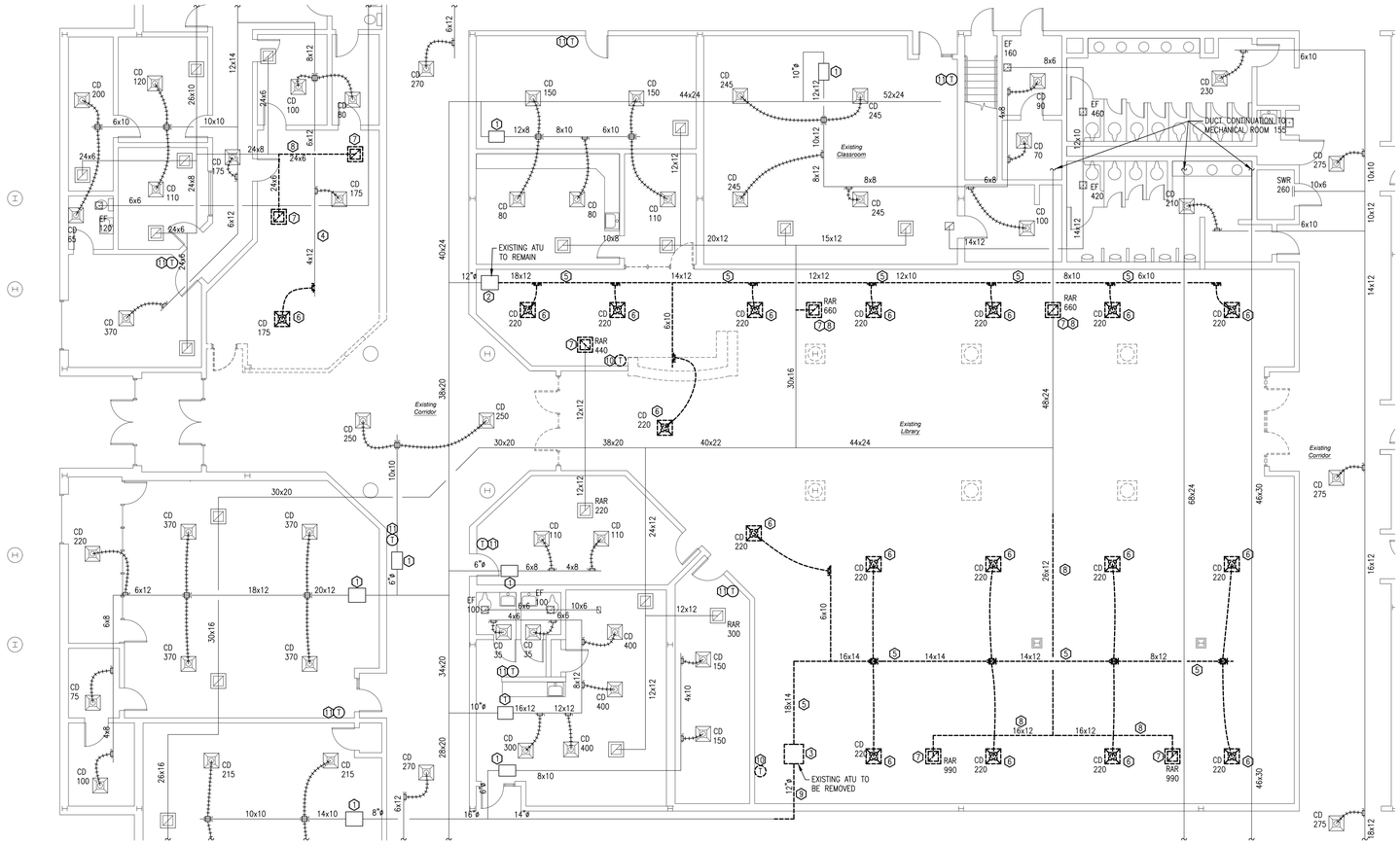

HVAC DEMOLITION PLAN - EXISTING LIBRARY

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

HVAC DEMOLITION KEY NOTES:

1. EXISTING AIR TERMINAL UNIT TO REMAIN WITH ALL ASSOCIATED AIR DISTRIBUTION DUCTWORK, AIR DEVICES, HEATING HOT WATER PIPING AND CONTROLS. DO NOT DISTURB UNLESS OTHERWISE NOTED.
2. EXISTING AIR TERMINAL UNIT TO BE REUSED. MECHANICAL CONTRACTOR TO PROVIDE MAINTENANCE SERVICE ON UNIT. SUBMIT A WRITTEN REPORT OUTLINING ANY DEFICIENCIES OF UNIT WITH ASSOCIATED COSTS OF REPAIR TO ARCHITECT/OWNER.
3. EXISTING AIR TERMINAL UNIT TO BE REMOVED. EXISTING HEATING HOT WATER COIL PIPING ASSEMBLY TO BE REMOVED WITH AIR TERMINAL UNIT. HEATING HOT WATER SUPPLY AND RETURN PIPING TO BE PREPARED FOR EXTENSION TO ACCOMMODATE NEW UNIT.
4. EXISTING LOW PRESSURE DUCTWORK DOWNSTREAM OF FAN COIL UNIT TO REMAIN. REMOVE DESIGNATED EXISTING CEILING MOUNTED AIR DEVICES AND BRANCH DUCTS. SEAL REMAINING OPENINGS IN TRUNK DUCT AIR TIGHT WITH INSULATED SHEET METAL PANEL. COORDINATE REUSE OF EXISTING DUCT OPENINGS WITH NEW WORK PLANS.
5. EXISTING LOW PRESSURE SUPPLY AIR DUCTWORK DOWNSTREAM OF AIR TERMINAL TO BE REMOVED AS INDICATED. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN. SEAL REMAINING OPENINGS AIR TIGHT WITH INSULATED SHEET METAL PANELS.
6. EXISTING CEILING MOUNTED AIR DEVICE TO BE REMOVED WITH ASSOCIATED BRANCH DUCTWORK. SEAL REMAINING DUCT OPENINGS AIR TIGHT WITH INSULATED SHEET METAL PANEL.
7. EXISTING CEILING MOUNTED RETURN AIR DEVICE TO BE REMOVED. SEAL REMAINING OPENING AIR TIGHT WITH INSULATED SHEET METAL PANEL.
8. EXISTING RETURN AIR DUCTWORK TO BE REMOVED ONLY AS INDICATED. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN. INCLUDE WITH DUCT REMOVAL ALL ASSOCIATED AIR DEVICES AND BRANCH DUCTWORK.
9. EXISTING MEDIUM PRESSURE DUCTWORK TO BE REMOVED AS INDICATED. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN. SEAL REMAINING OPENINGS AIR TIGHT WITH INSULATED SHEET METAL.
10. EXISTING TEMPERATURE CONTROLLER SHALL BE REMOVED FROM WALL AND RELOCATED PER NEW WORK PLAN. PREPARE EXISTING CABLING AND CONTROL WIRING FOR EXTENSION. COORDINATE LIMITS OF NEW CONTROLLER LOCATION WITH NEW WORK PLAN.
11. EXISTING TEMPERATURE CONTROLLER SHALL REMAIN. DO NOT DISTURB UNLESS OTHERWISE NOTED.

LATHAN ▪ McKEE ARCHITECTS

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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 DEMOLITION PLAN - EXISTING LIBRARY

ALABAMA — No. 14048 — PROFESSIONAL ENGINEER — 03/25/26 — REGISTERED — WARREN M. YONGE

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

JOB NO. 25-160B

SHEET NO: MD1.1

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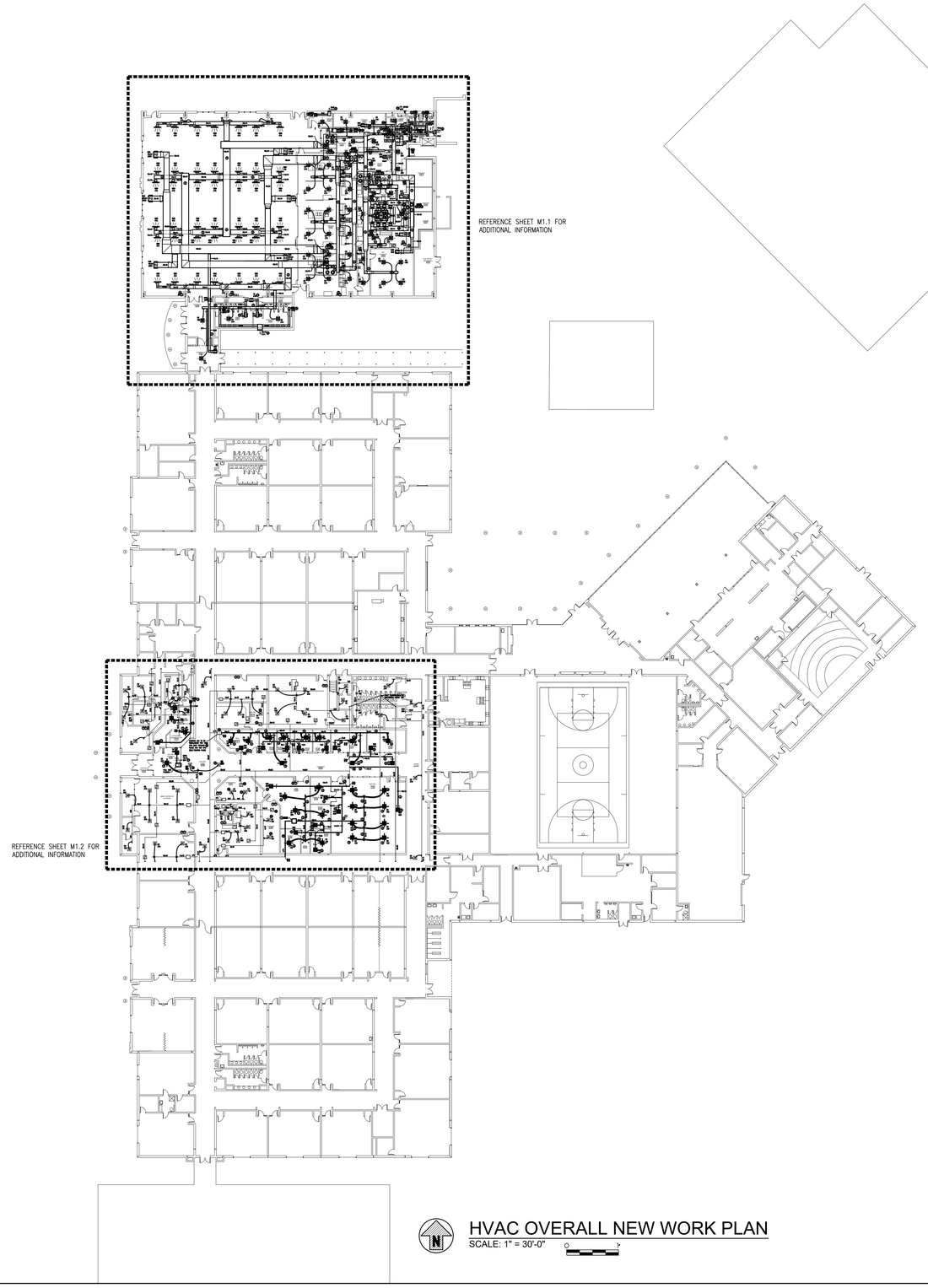

HVAC OVERALL NEW WORK PLAN

SCALE: 1" = 30'-0"

LATHAN ▪ McKEE ARCHITECTS

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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 OVERALL NEW WORK PLAN

ALABAMA
No. 14948
PROFESSIONAL
ENGINEER
HOWARD M. YONGE
03/25/26

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

JOB NO. 25-160B

SHEET NO:

M1.0

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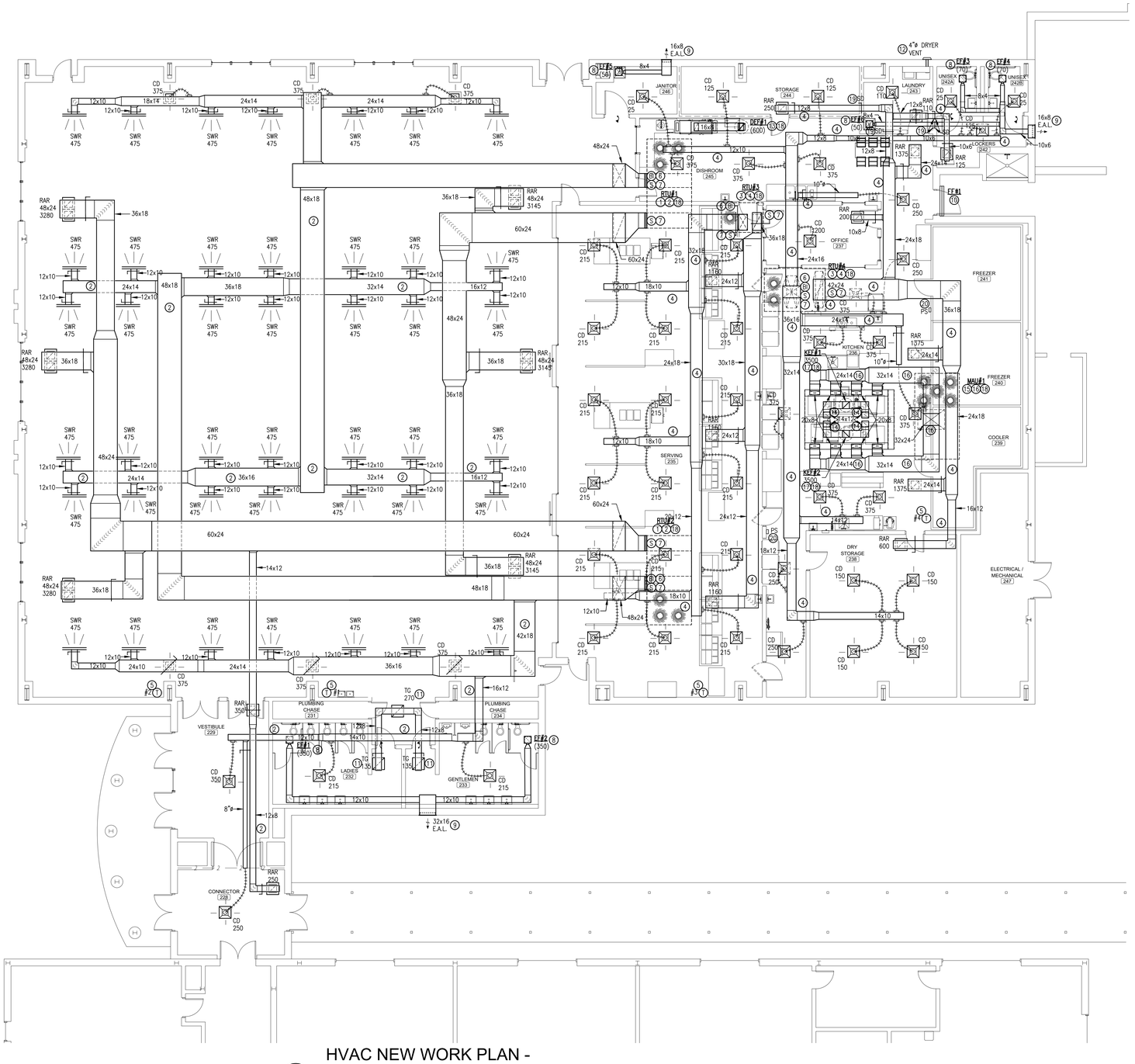

HVAC NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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.

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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 NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED PROFESSIONAL ENGINEER NO. 14948 RICHARD M. YONGE 3-25-26

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

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

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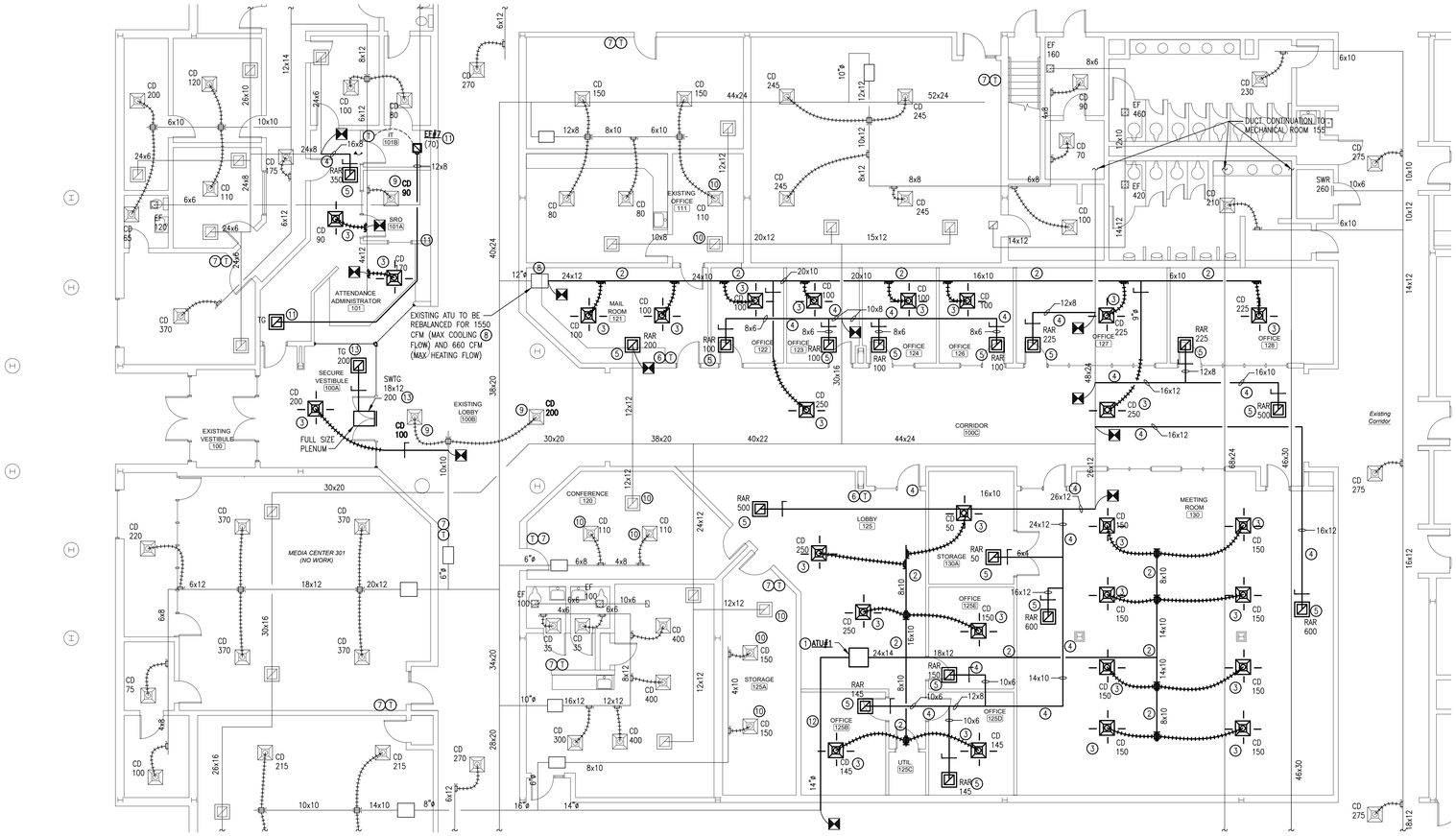

HVAC NEW WORK PLAN - MEDIA CENTER

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

CONTROLS SCOPE OF WORK: MEDIA CENTER

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

MEDIA CENTER

NEW BACNET CONTROLS FOR FORTY-TWO (42) EXISTING TO REMAIN AIR TERMINAL UNITS (ATUS SERVED BY AHUS 2, 3 & 4):

- REPLACE PROPRIETARY P1CONTROLLERS WITH NEW BACNET TERMINAL EQUIPMENT CONTROLLERS
- INSTALLATION OF BACNET COMMUNICATIONS NETWORK (PLENUM RATED CABLE)
- NEW SUPPLY AIR TEMPERATURE SENSOR
- REUSE EXISTING CONTROL VALVE/ACTUATOR
- NEW SPACE COMBINATION TEMPERATURE, RELATIVE HUMIDITY AND CO_2 SENSOR WITH DISPLAY, SETPOINT ADJUST AND OVERRIDE; THERMOSTAT TO BE INSTALLED IN SAME LOCATION AS EXISTING (38)
- NEW THERMOSTAT LOCATIONS AS REQUIRED PER NEW WORK PLAN
- ADJUST K-FACTOR FOR REBALANCED ATUS PER NEW WORK PLAN
- RELOCATE CONTROLS FOR RELOCATED ATUS PER NEW WORK PLAN

REPLACE EXISTING PROPRIETARY CONTROLLER WITH NEW BACNET ETHERNET PXC CONTROLLER

- MIGRATE PROPRIETARY PANEL 5 CONTROLLER TO NEW SIEMENS BACNET IP CONTROLLER
- NEW SURGE PROTECTION AND ETHERNET SWITCH
- EXISTING CONTROL ENCLOSURE AND POWER SUPPLY TO REMAIN AND ASSUMED OPERATIONAL
- CONVERT EXISTING POINT DATABASE AND PPCL PROGRAMMING TO BACNET STANDARDS
- COMMISSION NEW CONTROLLER AND VERIFY OPERATION OF AHUS
- ALL MECHANICAL AND CONTROL DEVICES FOR AHUS ARE EXISTING TO REMAIN AND ASSUMED OPERATIONAL; ECS TO PROVIDE DETAILED DEFICIENCY REPORT OF ANY MECHANICAL / ELECTRICAL / CONTROL DEVICES THAT REQUIRE REPAIR OR REPLACEMENT
- UPDATE EXISTING FLOOR PLAN GRAPHICS AND SYSTEM GRAPHICS FOR MIGRATED PANEL
- IP ACCESS PROVIDED BY BALDWIN COUNTY SCHOOLS IT DEPARTMENT

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. NEW AIR TERMINAL UNIT. EXTEND EXISTING CONTROL WIRING AND CABLING FOR CONNECTION. HEATING HOT WATER SUPPLY AND RETURN PIPING TO BE EXTENDED FOR CONNECTION TO REHEAT COIL ASSEMBLY. VERIFY HEATING HOT WATER PIPING AS 3/4" PRIOR TO BEGINNING ANY WORK. CONNECT UNIT TO MEDIUM PRESSURE SUPPLY AIR DUCT GENERALLY AS INDICATED.
2. NEW LOW PRESSURE SUPPLY AIR DUCTWORK TO BE EXTENDED FROM AIR TERMINAL UNIT FULL SIZE OF UNIT OPENING WITH TRANSITION TO INDICATED DUCT SIZE. ROUTE DUCT GENERALLY AS INDICATED WITH OFFSETS TO AVOID OBSTRUCTIONS. EXTEND BRANCH DUCT FOR CONNECTION TO AIR DEVICES.
3. NEW CEILING MOUNTED SUPPLY AIR DEVICE WITH LAY-IN PANEL. INCLUDE NEW BRANCH DUCTWORK FOR CONNECTION OF AIR DEVICE TO LOW PRESSURE DUCTWORK. INCLUDE A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT AND BALANCE TO INDICATED AIR FLOW.
4. NEW RETURN AIR DUCTWORK SHALL BE CONNECTED TO EXISTING DUCTWORK AND ROUTED GENERALLY AS INDICATED. EXTEND BRANCH DUCTS FOR CONNECTION OF DESIGNATED AIR DEVICES. INCLUDE A MANUAL VOLUME DAMPER IN EACH BRANCH DUCT AND BALANCE TO INDICATED AIR FLOW.
5. NEW RETURN AIR REGISTER TO BE INSTALLED IN NEW CEILING LAYOUT. CONNECT NEW AIR DEVICE TO RETURN AIR DUCTWORK.
6. EXISTING TEMPERATURE CONTROLLER IN NEW LOCATION. EXTEND EXISTING CONTROLS WIRING AND CABLING FOR CONNECTION TO EXISTING CONTROLLER.
7. EXISTING TEMPERATURE CONTROLLER TO REMAIN. DO NOT DISTURB UNLESS OTHERWISE NOTED.
8. EXISTING AIR TERMINAL UNIT TO BE REBALANCED TO INDICATED AIR FLOW.
9. EXISTING CEILING MOUNTED AIR DEVICE TO REMAIN. AIR DEVICE TO BE REBALANCED TO INDICATED AIR FLOW. LOCATION OF AIR DEVICE TO ACCOMMODATE NEW CEILING GRID LAYOUT.
10. REINSTALL AIR DEVICE IN NEW CEILING. EXISTING DUCT SHALL BE RECONNECTED TO AIR DEVICE.
11. NEW CEILING MOUNTED EXHAUST FAN. EXHAUST DUCT SHALL BE ROUTED AS INDICATED TO TRANSFER GRILLE. ADJUST FINAL POSITION TO ACCOMMODATE FIELD CONDITIONS. EXHAUST FAN SHALL HAVE INTEGRAL SET POINT ADJUSTABLE CONTROLLER. SET CONTROLLER TO 76°F SUCH THAT UNIT IS ENERGIZED BELOW THIS SETTING.
12. NEW MEDIUM PRESSURE DUCT SHALL BE CONNECTED TO EXISTING DUCTWORK AND ROUTED GENERALLY AS INDICATED. EXTEND DUCT OVER TO CONNECT TO NEW AIR TERMINAL UNIT.
13. NEW TRANSFER GRILLE CONNECTED TO SIDEWALL TRANSFER GRILLE. NEW TRANSFER AIR DUCTWORK SHALL BE ROUTED AS INDICATED. ADJUST FINAL POSITION TO ACCOMMODATE FIELD CONDITIONS.

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 NEW WORK PLAN - MEDIA CENTER

ALABAMA LICENSED PROFESSIONAL ENGINEER
No. 14948
EDWARD M. YONGE

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

JOB NO. 25-160B

SHEET NO: M1.2

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CONSULTING ENGINEERS // EST. 1988
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- Wednesday, March 25, 2026 9:54:53 AM

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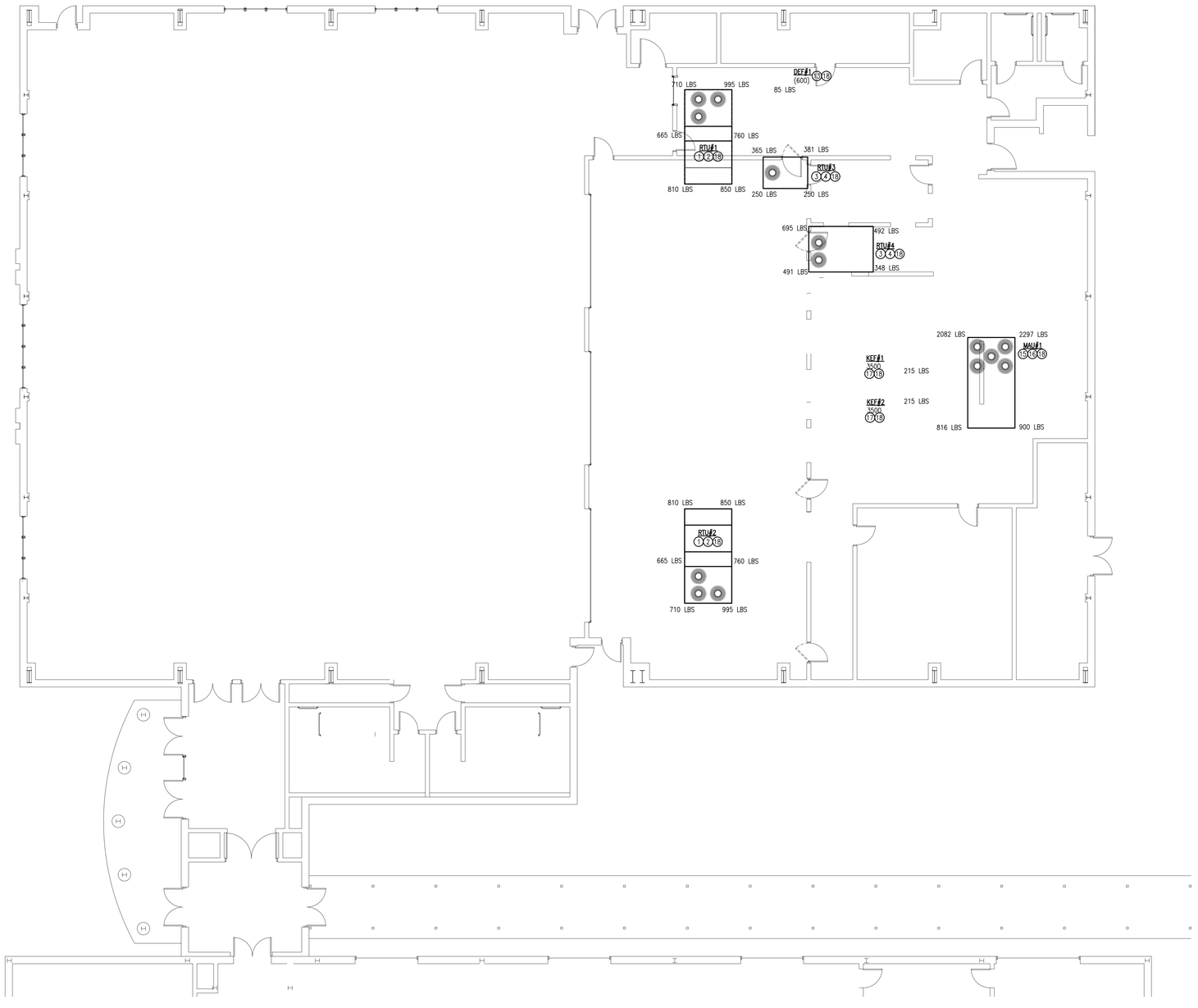

HVAC NEW WORK ROOF PLAN - CAFETERIA-KITCHEN BUILDING

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

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.

LATHAN ▪ McKEE ARCHITECTS

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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 ROOF PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED PROFESSIONAL ENGINEER
No. 14048
PROFESSIONAL
02-25-26
EDWARD M. YONGE

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

JOB NO. 25-160B
SHEET NO: M1.3

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- Wednesday, March 25, 2026 9:54:54 AM

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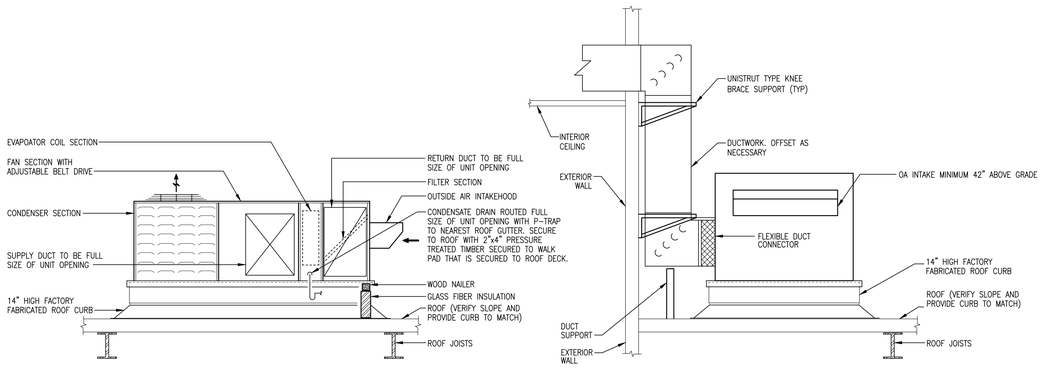
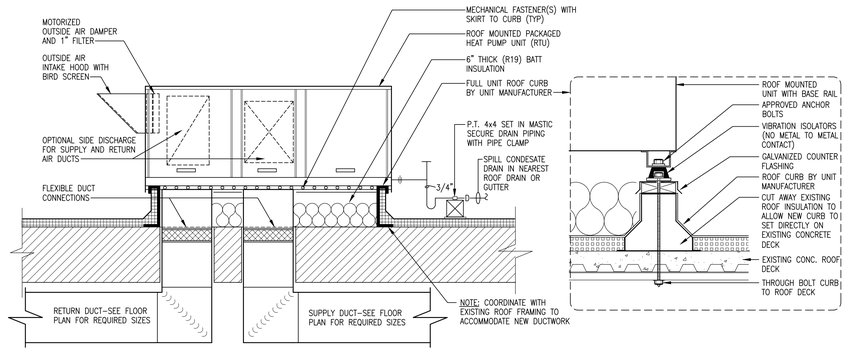
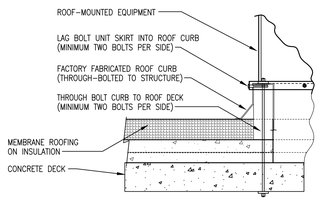


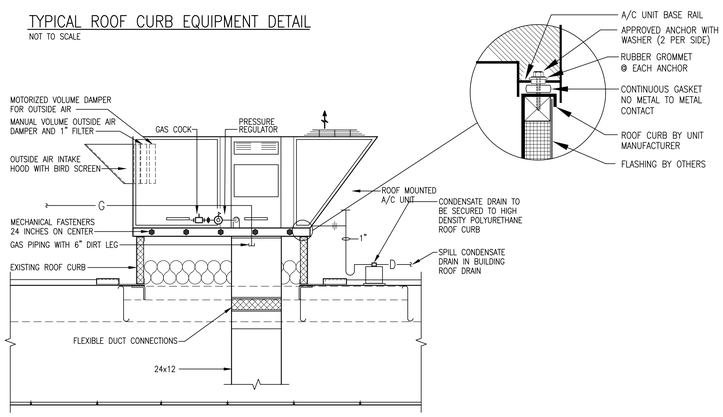
TYPICAL PACKAGED ROOF MOUNTED AIR CONDITIONING UNIT DETAIL
NOT TO SCALE



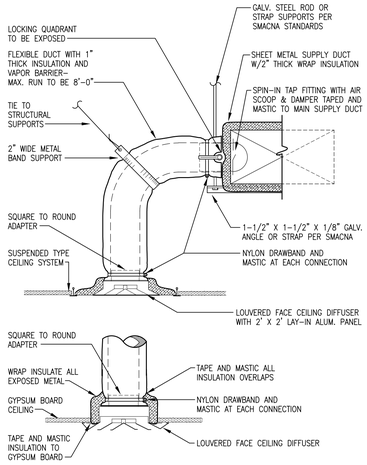
TYPICAL PACKAGED ROOFTOP HEAT PUMP UNIT DETAIL
NOT TO SCALE



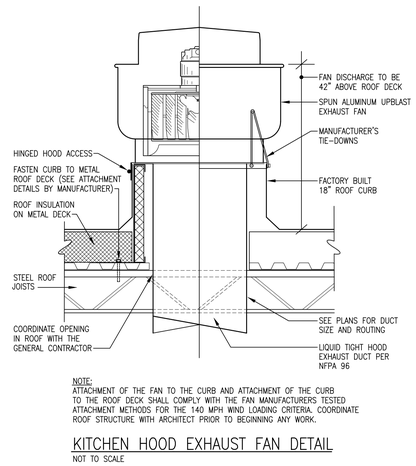
TYPICAL ROOF CURB EQUIPMENT DETAIL
NOT TO SCALE



TYPICAL ROOFTOP 100% OUTDOOR AIR UNIT DETAIL
NOT TO SCALE

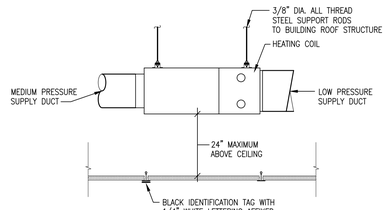


TYPICAL CEILING DIFFUSER DETAIL
NOT TO SCALE



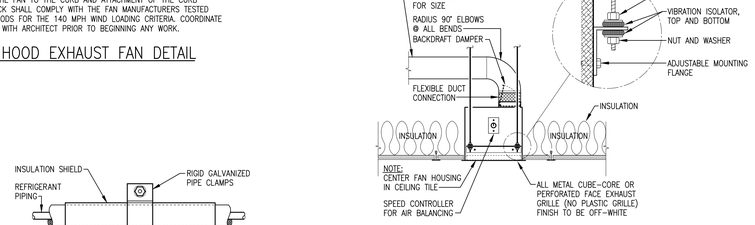
NOTE:
ATTACHMENT OF THE FAN TO THE CURB AND ATTACHMENT OF THE CURB TO THE ROOF DECK SHALL COMPLY WITH THE FAN MANUFACTURERS TESTED ATTACHMENT METHODS FOR THE 140 MPH WIND LOADING CRITERIA. COORDINATE ROOF STRUCTURE WITH ARCHITECT PRIOR TO BEGINNING ANY WORK.

KITCHEN HOOD EXHAUST FAN DETAIL
NOT TO SCALE



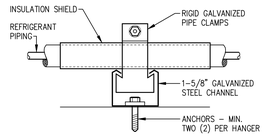
NOTE: SERVICE ACCESS FOR POWER AND CONTROL PANELS MUST BE COORDINATED WITH OTHER TRADES.

VAV BOX DETAIL
NOT TO SCALE

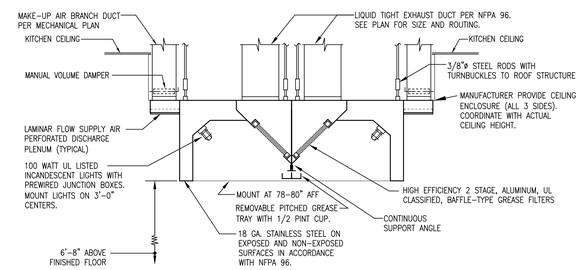


NOTE: SUPPORT RODS TO ROOF STRUCTURE - DO NOT SUPPORT FAN WITH CEILING SYSTEM

TYPICAL EXHAUST FAN DETAIL
NOT TO SCALE

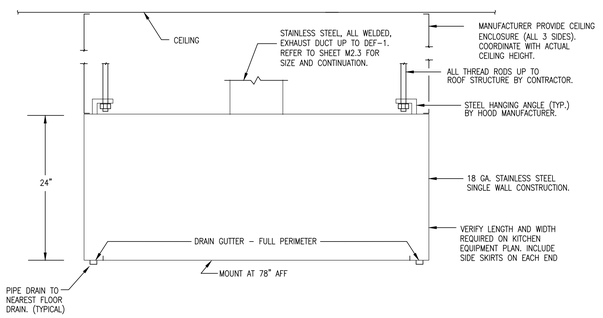


REFRGERANT/CONDENSATE PIPE SUPPORT DETAIL
NOT TO SCALE



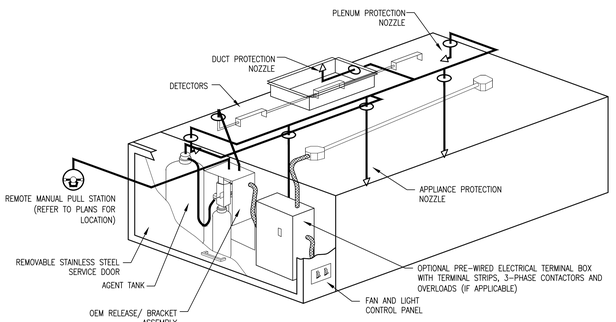
NOTES:
1. WIDTH OF HOOD SHALL BE 6" LARGER THAN LARGEST PIECE OF COOKING EQUIPMENT AND 12" LONGER THAN SUM OF COOKING EQUIPMENT LENGTHS WITH CONSIDERATION GIVEN TO CLEARANCE BETWEEN COOKING EQUIPMENT HOOD SUPPLIER SHALL PROVIDE. AUTOMATIC SHUT OFF, MANUAL RESET GAS VALVE SHALL NOT BE ELECTRONIC SOLENOID 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



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



TYPICAL ANSUL R-102 SYSTEM LAYOUT FOR TYPE I HOOD
NOT TO SCALE

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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
NA. 14948
PROFESSIONAL
ENGINEER
RICHARD M. YONGE

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

JOB NO. 25-160B
SHEET NO:
M2.0

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AIR FLOW BALANCE SCHEDULE

MARK	OUTDOOR AIR INTAKE	EXHAUST AIR	INTERMITTANT EXHAUST AIR	REMARKS
RTU#1	1510			
RTU#2	1535			
RTU#3	390			
RTU#4	700			
MAU#1	6400			
DEF#1		600		
KEF#1		3500		
KEF#2		3500		
EF#1			350	EXHAUST FAN TO BE OPERATING ONLY DURING OCCUPANCY OF BATHROOM
EF#2			350	EXHAUST FAN TO BE OPERATING ONLY DURING OCCUPANCY OF BATHROOM
EF#3			70	EXHAUST FAN TO BE OPERATING ONLY DURING OCCUPANCY OF BATHROOM
EF#4			70	EXHAUST FAN TO BE OPERATING ONLY DURING OCCUPANCY OF BATHROOM
EF#5			50	EXHAUST FAN TO BE OPERATING ONLY DURING OCCUPANCY OF ROOM
TOTAL:	**10535**	**7780**	**890**	

NOTE: BASED ON THIS SCHEDULE THE BUILDING IS OPERATING UNDER A POSITIVE PRESSURE AS ALL FAN SYSTEMS ARE OPERATING. UNDER THIS SCENARIO THE LEAST POSITIVE PRESSURE OCCURS WITH 1865 CFM (10535-7780-890=1865). THE BEST POSITIVE PRESSURE OCCURS UNDER INTERMITTENT USAGE OF THE BATHROOM EXHAUST FANS NOT OPERATING WITH 890 CFM (10535-7780-0=2755).

REFRIGERANT VOLUME CALCULATIONS

UNIT MARK	ROOM	AREA (SQ. FT.)	VOLUME (CU. FT.)	REFR. TYPE	LFL (LB/MCF) (1)	REFR. CHARGE (LBS)	CF (4)	OCC. ADJ. FACTOR (2)	EDVC (LBS) (3)(5)
RTU#1	CAFETERIA	4800	72,000	454B	0.022	120	0.5	1	792
RTU#2	CAFETERIA	5360	80,400	454B	0.022	120	0.5	1	885
RTU#3	SERVING	2870	28,700	454B	0.022	44	0.5	1	316
RTU#4	KITCHEN	3620	36,200	454B	0.022	64	0.5	1	399

REMARKS:	MAXIMUM ALLOWED REFRIGERANT		2392 LBS
	TOTAL REFRIGERANT CHARGE	348 LBS	
CONCLUSION:	TOTAL CHARGE (348 LBS) < MAXIMUM ALLOWED (2392 LBS)		
	ACCORDINGLY EQUIPMENT SELECTIONS ARE CODE COMPLIANT.		

(1) LFL = LOWER FLAMMABILITY LIMIT PER ASHRAE 34-2022

(2) OCC. ADJ. FACTOR = OCCUPANCY ADJUSTMENT FACTOR PER ASHRAE 15-2022

(3) EDVC = EFFECTIVE DISPERSAL VOLUME CHARGE

(4) CF = CONCENTRATION FACTOR PER ASHRAE 15-2022

(5) EDVC = (V)(LFL)(CF)(F) BASED ON ASHRAE 15-2022

REFRIGERATION NOTES

HVAC EQUIPMENT REFRIGERANT GENERAL NOTES:

1. THIS PROJECT IS DESIGNED WITH HVAC EQUIPMENT WHICH USE A2L REFRIGERANT.
2. THE MECHANICAL DESIGN WILL COMPLY WITH THE 2024 INTERNATIONAL MECHANICAL CODE, ASHRAE 15-2022, AND ASHRAE 34-2022.
3. THE INSTALLATION SHALL ALSO COMPLY WITH THESE SAME STANDARDS.
4. HVAC EQUIPMENT SHALL BE MANUFACTURED TO COMPLY WITH THESE STANDARDS, AS WELL AS, UL 484, UL/CSA 60335-2-40, AND UL/CS4 60355-2-89.

REFRIGERANT LEAK DETECTION CONTROLS:

1. THE LEAK DETECTION SYSTEM SHALL CONSIST OF ONE OR MORE REFRIGERANT LEAK DETECTION SENSORS INSTALLED IN THE HVAC EQUIPMENT BY THE HVAC EQUIPMENT MANUFACTURERS.
2. WHEN THE SYSTEM DETECTS A LEAK, THE FOLLOWING MITIGATION ACTIONS WILL BE INITIATED UNTIL REFRIGERANT HAS NOT BEEN DETECTED FOR 5 MINUTES.
   A. SUPPLY FANS SHALL BE ENERGIZED TO RUN AT 100% FAN SPEED.
   B. COMPRESSOR OPERATION SHALL BE DISABLED
   C. ALL ELECTRIC HEAT OR GAS HEAT SHALL BE DISABLED.
   D. SOLENOID VALVE LOCATED IN GAS LINE SERVING KITCHEN APPLIANCES BENEATH KITCHEN HOOD SHALL CLOSE.
3. THE BUILDING FIRE AND SMOKE SYSTEMS SHALL OVERRIDE THIS FUNCTION.
4. IF THE REFRIGERANT SENSOR HAS A FAULT, IS AT THE END OF ITS USEFUL LIFE, OR IS DISCONNECTED, THE AC UNIT WILL INITIATE THE ABOVE MITIGATION ACTIONS. MITIGATION ACTIONS SHALL BE VERIFIED BY DISCONNECTING THE SENSOR.
5. THE REFRIGERANT SENSORS DO NOT NEED ROUTINE MAINTENANCE. USE ONLY MANUFACTURER-APPROVED SENSORS WHEN REPLACEMENT IS REQUIRED.

PACKAGED ROOF TOP AIR CONDITIONING UNIT SCHEDULE

MARK RTU#	NOMINAL TONNAGE	FAN DATA: TOTAL CFM	OA CFM	ESP	MOTOR HP	COOLING CAPACITY @ ARI STANDARD CONDITIONS: EDB °F	EWB °F	AMBIENT °F	TOTAL BTU/HR	SENSIBLE BTU/HR	HEATING CAPACITY @ ARI STANDARD CONDITIONS: EDB °F	AMBIENT °F	TOTAL BTU/HR	MIN. EER	MIN. IEER	COMPR. RLA	OUTDOOR FAN FLA	STRIP HEAT: STEPS	TOTAL KW	ELECTRICAL DATA: VOLTS	Hz	PHASE	MCA	MOCP	REMARKS
1	30.0	10,950	1,515	2.0	10	80	67	95	360,000	260,000	70	47	184,000	11.70	17.20	1 @ 14.5 2 @ 19.8	3 @ 2.2	1	54	460	60	3	82	90	SZVAV (1)(2)(3)(4)(5)(6)(7)(8)(9)(10)(11)(12)(13)(14)(15)(16)(17)(18)(19)(20)(21)(22)(23)(24)(25)(26)(27)(28)(29)(30)
2	30.0	11,980	1,540	2.0	10	80	67	95	360,000	260,000	70	47	184,000	11.70	17.20	1 @ 14.5 2 @ 19.8	3 @ 2.2	1	54	460	60	3	82	90	SZVAV (1)(2)(3)(4)(5)(6)(7)(8)(9)(10)(11)(12)(13)(14)(15)(16)(17)(18)(19)(20)(21)(22)(23)(24)(25)(26)(27)(28)(29)(30)

NOTES:

(1) PROVIDE WITH SINGLE POINT POWER CONNECTION.

(2) SMOKE DETECTORS WITH WEATHERPROOF COVER SHALL BE MOUNTED IN THE SUPPLY AND RETURN AIR DUCT SYSTEM. DETECTORS SHALL BE PROVIDED BY DIV. 16, INSTALLED BY DIV. 15, AND WIRED BY DIV. 16.

(3) EXTERNAL STATIC PRESSURE DROP DOES NOT INCLUDE FILTERS OR AUXILIARY HEATER.

(4) PROVIDE WITH STANDARD MOTOR.

(5) PROVIDE WITH LOW AMBIENT KIT FOR COOLING OPERATION DOWN TO 0°F.

(6) PROVIDE WITH ANTI-SHORT CYCLE TIMER.

(7) UNIT SHALL HAVE SINGLE ZONE VARIABLE AIR VOLUME CONTROL.

(8) REFRIGERANT TYPE SHALL BE R-454B

(9) ENERGY EFFICIENCY RATIO (EER) AND IEER RATED @ ARI CONDITIONS.

(10) PROVIDE WITH FACTORY INSTALLED CONDENSER COIL GUARDS.

(11) PROVIDE WITH FREEZE STAT.

(12) PROVIDE WITH STAINLESS STEEL IAQ DRAIN PAN SLOPED IN TWO DIRECTIONS.

(13) FILTERS SHALL HAVE A MINIMUM MERV 8 RATING.

(14) TRAP CONDENSATE AT UNIT AND ROUTE FULLY INSULATED CONDENSATE DRAIN LINE TO TERMINATE AS SHOWN ON PLANS. CONDENSATE DRAIN LINE SHALL BE COPPER OR PVC. SEE CONDENSATE DRAIN DETAIL. PROVIDE PADS, BASE RAILS, AND/OR CURBS OF SUFFICIENT HEIGHT TO ENABLE CORRECT TRAP DEPTH.

(15) PROVIDE FACTORY INSTALLED CONDENSATE OVERFLOW SWITCH IN PRIMARY DRAIN PAN IN ACCORDANCE WITH UL508 TO SHUT DOWN UNIT PRIOR TO PAN OVERFLOW.

(16) MODULATING DAMPER IN OUTSIDE AIR INTAKE SHALL REMAIN OPEN DURING ALL OCCUPIED TIMES AND SHALL BE CLOSED OTHERWISE. DAMPER SHALL MODULATE BETWEEN MINIMUM AND MAXIMUM POSITIONS BASED ON SPACE CO2 LEVELS (1,000 PPM) DURING OCCUPIED HOURS. PROVIDE NECESSARY AIRFLOW CONTROLS FOR VARYING OUTSIDE AIR REQUIREMENTS.

(17) UNIT SHALL HAVE A MINIMUM OF 5 STAGES OF COOLING OR VARIABLE SPEED COMPRESSOR CONTROL.

(18) BASIS OF DESIGN: TRANE TEH.

(19) PROVIDE WITH MANUFACTURER'S ON BOARD CONTROLLER FOR CONTROL OF ALL UNIT OPERATIONS. CONTROLLER SHALL INTERFACE WITH SCHOOL BOARD'S EXISTING CONTROLS PROVIDER (SIEMENS) VIA BACNET CARD.

(20) PROVIDE WITH SUPPLY FAN FAILURE SWITCH. IF AIRFLOW IS NOT PROVEN BY THE DP SWITCH WITHIN 40 SECONDS, THE CONTROLLER SHALL SHUT DOWN UNIT AND SEND AN ERROR MESSAGE TO THE BUILDING AUTOMATION SYSTEM (BAS).

(21) PROVIDE WITH PHASE MONITOR.

(22) PROVIDE WITH THE FOLLOWING EXTENDED MANUFACTURER WARRANTIES: PARTS (2-5YR.), LABOR (2-5YR.), & COMPRESSOR (6-10YR.).

(23) PROVIDE WITH TOOL-LESS HAIL GUARDS.

(24) PROVIDE WITH ENHANCED DEHUMIDIFICATION OPERATION TO ALLOW MODULATION OF AIRFLOW AND COMPRESSOR OPERATION FOR ADDITIONAL MOISTURE REMOVAL.

(25) PROVIDE WITH MANUFACTURER'S ZONE SENSOR FOR SINGLE ZONE VAV OPERATION. (2-SPEED FAN OPERATION IS NOT ACCEPTABLE).

(26) PROVIDE WITH HIGH SHORT CIRCUIT CURRENT RATING. SEE SPECIFICATIONS.

(27) PROVIDE WITH ZONE SENSOR BY UNIT MANUFACTURER.

(28) PROVIDE CONDENSER COIL WITH CORROSION PROTECTION COATING PASSING 5,000-HOUR SALT SPRAY TEST IN ACCORDANCE WITH ASTM B117.

(29) CONTRACTOR SHALL FIELD INSTALL AIR PURIFICATION DEVICE (BI-POLAR IONIZATION). REFER TO SPECIFICATIONS. BI-POLAR DEVICE SHALL DE-ENERGIZE WHEN SUPPLY FAN IS OFF.

(30) UNIT CONTROLS SHALL BE INTEGRAL TO UNIT FOR SELF SUSTAINED CONTROL. COMPRESSOR STAGING AND FAN SPEEDS SHALL BE BY INTEGRALS.

PACKAGED ROOF TOP AIR TO AIR HEAT PUMP UNIT SCHEDULE

MARK RTU#	NOMINAL TONNAGE	FAN DATA: TOTAL CFM	OA CFM	ESP	MOTOR HP	COOLING CAPACITY @ ARI STANDARD CONDITIONS: EDB °F	EWB °F	AMBIENT °F	TOTAL BTU/HR	SENSIBLE BTU/HR	HEATING CAPACITY @ ARI STANDARD CONDITIONS: EDB °F	AMBIENT °F	TOTAL BTU/HR	MIN. COP	MIN. EER	MIN. IEER	COMPR. RLA	OUTDOOR FAN FLA	STRIP HEAT: STEPS	TOTAL KW	ELECTRICAL DATA: VOLTS	Hz	PHASE	MCA	MOCP	REMARKS
3	10.0	3870	390	0.5"	5.0	80	67	95	120,000	95,000	70	47	104,120	3.57	11.4	16.10	1 @ 13.7 1 @ 5.90	1 @ 3.0	2	18.0	460	60	3	59	60	(1)(2)(3)(4)
4	15.0	6110	700	1.0"	5.0	80	67	95	180,000	144,000	70	47	161,450	3.60	11.7	16.80	1 @ 15.5 1 @ 8.10	1 @ 2.5	3	18.0	460	60	3	69	70	(1)(2)(3)(4)(5)

NOTES:

(1) OUTDOOR HEAT PUMP SHALL OPERATE AS STAGE 1 HEATING. ELECTRIC STRIP HEAT SHALL OPERATE AS STAGE 2 HEATING AND DEFROST CYCLE. DURING STAGE 2 HEATING, THE OUTDOOR HEAT PUMP AND THE ELECTRIC STRIP HEAT SHALL OPERATE SIMULTANEOUSLY.

(2) PROVIDE WITH ZONE SENSOR BY UNIT MANUFACTURER.

(3) BASIS OF DESIGN: TRANE MODEL WHK.

(4) PROVIDE WITH MANUFACTURER'S ONBOARD CONTROLLER FOR CONTROL OF ALL UNIT OPERATIONS. UNIT SHALL INCLUDE CONTROL OF MOTORIZED DAMPER IN OUTDOOR AIR INTAKE. CONTROLLER SHALL INTERFACE WITH SCHOOL BOARD'S EXISTING CONTROLS PROVIDER (ECS) VIA BACNET CARD.

(5) REFRIGERANT MONITOR INTEGRAL TO UNIT SHALL BE INTERLOCKED WITH SOLENOID VALVE LOCATED IN GAS LINE SERVING KITCHEN EQUIPMENT. AS REFRIGERANT MONITOR DETECTS LEAK, SOLENOID VALVE SHALL CLOSE.

100% OUTSIDE AIR PRE-CONDITIONING AIR CONDITIONING UNIT SCHEDULE

MARK MAU#	AHU DATA: TOTAL CFM	OA CFM	ESP	MOTOR HP	COOLING CAPACITY @ ARI STANDARD CONDITIONS: EDB °F	EWB °F	AMBIENT °F	LDB °F	LWB °F	TOTAL BTU/HR	SENSIBLE BTU/HR	HEATING CAPACITY: FUEL	INPUT MBH	OUTPUT MBH	# OF STAGES	MIN. IEER	ELECTRICAL DATA: VOLTS	Hz	PHASE	MCA	MOCP	REMARKS
MAU#1	6400	6400	0.5"	5.0	89.7	82.3	95	49.4	49.3	733,300	280,300	NATURAL GAS	384	311	MOD.	17.0	208	60	3	245.7	250	(1)

NOTES:

(1) BASIS OF DESIGN - CAS-HVAC-L400-25-60T-2-DOAS

(2) REFRIGERANT MONITOR INTEGRAL TO UNIT SHALL BE INTERLOCKED WITH SOLENOID VALVE LOCATED IN GAS LINE SERVING KITCHEN EQUIPMENT. AS REFRIGERANT MONITOR DETECTS LEAK, SOLENOID VALVE SHALL CLOSE.

AIR TERMINAL UNIT SCHEDULE

MARK	INLET SIZE	BOX MAX CFM	COOLING DESIGN CFM	COOLING MINIMUM CFM	HEATING MAX. CFM	DESIGN AIR PD	MAX. WPD	BTUH	GPM	EAT °F	LAT °F	EWT °F	LWT °F	MAX. NC	REMARKS (TYPE)
ATU#1	14"ø	3,000	2,190	660	890	0.45"	7.5	50,800	5.0	55	107.0	180	160	28	(1)(2)(3)(4)(5)(6)(7)

NOTES:

(1) MAXIMUM CFM IS MAXIMUM OPERATING CAPACITY AVAILABLE FOR ATU BOX OPERATION.

(2) DESIGN COOLING CFM IS TO BE THE NOMINAL OPERATING POINT OF THE ATU BOX.

(3) DESIGN AIR PRESSURE DROP IS THE DIFFERENCE IN STATIC PRESSURE FROM THE INLET TO DISCHARGE OF THE ATU BOX.

(4) PIPING CONNECTIONS TO HEATING HOT WATER COIL AT EACH ATU BOX SHALL BE A MINIMUM OF 3/4" HWS AND 3/4" HWR.

(5) PROVIDE PRESSURE INDEPENDENT TERMINAL UNITS (SQUEEZE OFF TYPE).

(6) THE 277/24V TRANSFORMER, CONTROLLER ENCLOSURE, SERVICE SWITCH, AND FACTOR MOUNTING OF THE CONTROLLER SHALL BE PROVIDED BY THE ATU VENDOR. THE CONTROLLER WILL BE PROVIDED BY THE CONTROLS CONTRACTOR.

(7) HEATING MAXIMUM CFM IS BASED ON ATU UNIT SIZING OF PREVIOUSLY INSTALLED UNIT. ADDITIONAL HEATING OF THIS UNIT IS NOT REQUIRED DUE TO THE INTERIOR LOCATION.

FAN SCHEDULE

MARK	TOTAL CFM	TSP IN WC	MAX RPM	TYPE DRIVE	TYPE FAN	INTERLOCK WITH	MOTOR HP/WATTS	MAX SONES	ELECTRICAL DATA: VOLTS	Hz	PHASE	FAN SERVICE	REMARKS
EF#1	350	0.30	1311	DIRECT	CEILING MOUNTED	LIGHT SWITCH	78 W	1.4	120	60	1	LADIES 232	(1)(2)(3)(4)(5)
EF#2	350	0.30	1311	DIRECT	CEILING MOUNTED	LIGHT SWITCH	78 W	1.4	120	60	1	GENTLEMEN 233	(1)(2)(3)(4)(5)
EF#3	70	0.25	900	DIRECT	CEILING MOUNTED	LIGHT SWITCH	15 W	0.5	120	60	1	UNISEX 242A	(1)(2)(3)(4)(5)
EF#4	70	0.25	900	DIRECT	CEILING MOUNTED	LIGHT SWITCH	15 W	0.5	120	60	1	UNISEX 242B	(1)(2)(3)(4)(5)
EF#5	50	0.25	455	DIRECT	CEILING MOUNTED	LIGHT SWITCH	30 W	2.0	120	60	1	JANITOR 246	(1)(2)(3)(4)(5)
EF#6	50	0.25	455	DIRECT	CEILING MOUNTED	LIGHT SWITCH	30 W	2.0	120	60	1	LAUNDRY 243	(1)(2)(3)(4)(5)
EF#7	70	0.25	900	DIRECT	CEILING MOUNTED	T-STAT	15 W	0.5	120	60	1	IT 101B	(1)(2)(3)(4)(5)
FF#1	1656	N/A	N/A	DIRECT	AIR CURTAIN	DOOR SWITCH	1/5 HP	2.0	120	60	1	- -	(4)(5)(6)(7)
KEF#1	3500	1.0	1725	BELT	ROOF MOUNTED	HOOD SWITCH	2 HP	16.0	208	60	3	KITCHEN HOOD	(1)(3)(4)(5)
KEF#2	3500	1.0	1725	BELT	ROOF MOUNTED	HOOD SWITCH	2 HP	16.0	208	60	3	KITCHEN HOOD	(1)(3)(4)(5)
DEF#1	600	0.8	1725	BELT	ROOF MOUNTED	HOOD SWITCH	1/4 HP	12.0	120	60	1	DISHWASHER HOOD	(4)(5)(8)(9)

NOTES:

(1) PROVIDE WITH FAN SPEED CONTROLLER, CONTROLLER SHALL BE MOUNTED TO FAN.

(2) PROVIDE WITH ALUMINUM GRILLE. PLASTIC GRILLES SHALL NOT BE ACCEPTABLE

(3) PROVIDE WITH INTEGRAL BACKDRAFT DAMPER.

(4) PROVIDE WITH INTEGRAL DISCONNECT.

(5) PROVIDE WITH THERMAL OVERLOAD.

(6) 52" (MIN) AIR CURTAIN FAN.

(7) BASIS OF DESIGN - BERNER: SLC07

(8) DEF#1 SHALL BE OPERATIONAL DURING OCCUPIED HOURS AND OTHERWISE NOT OPERATIONAL. INTERCONNECT CONTROL OF FAN WITH DIRECT DIGITAL CONTROL BUILDING AUTOMATION SYSTEM.

(9) FAN MOTORS 1/12 HORSEPOWER OR GREATER AND LESS THAN 1 HORSEPOWER SHALL BE ELECTRONICALLY COMMUTATED OR HAVE A MINIMUM EFFICIENCY OF 70% WHEN RATED IN ACCORDANCE WITH DOE 10 CFR 431. THESE MOTORS SHALL ALSO HAVE THE MEANS TO ADJUST MOTOR SPEED FOR EITHER BALANCING OR REMOTE CONTROL. BELT DRIVEN FANS MAY USE SHEAVE ADJUSTMENTS FOR AIR FLOW BALANCING IN LIEU OF VARYING MOTOR SPEED.

MECHANICAL LEGEND

ATU	AIR TERMINAL UNIT
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
DEF	DISHWASHER EXHAUST FAN
EAL	EXHAUST AIR LOUVER
EF	EXHAUST FAN
ER	EXHAUST REGISTER
FD	FIRE DAMPER
KEF	KITCHEN EXHAUST FAN
MAU	MAKE-UP AIR UNIT
MVD	MANUAL VOLUME DAMPER
PS	PULL STATION
RA	RETURN AIR
RAR	RETURN AIR REGISTER
RTU	ROOFTOP UNIT
SA	SUPPLY AIR
SWR	SIDEWALL SUPPLY REGISTER
SWTG	SIDEWALL TRANSFER GRILLE
TG	TRANSFER GRILLE
TYP	TYPICAL
	CEILING DIFFUSER WITH THROW INDICATION
	EXHAUST/RETURN AIR DEVICE
	FLEXIBLE DUCT
W X H	DUCTWORK (DIMENSIONS: WIDTH X HEIGHT)
W X H / W X H	FLEX DUCT TAKE-OFF WITH AIR-SCOOP, SPIN-IN TAP AND BALANCING DAMPER
	ELBOW WITH TURNING VANES
	BULLHEAD TEE WITH TURNING VANES AND SPLITTER DAMPER
	45° SHOE-FITTING TAKE-OFF
	DUCT CONNECTION OVER AIR DEVICE
	RETURN AIR DUCT IN SECTION
	SUPPLY AIR DUCT IN SECTION
(BI)	BI-POLAR IONIZATION
(S)	DUCT MOUNTED SMOKE DETECTOR
(M)	MOTORIZED DAMPER
(T)#	THERMOSTAT WITH EQUIPMENT # SERVED MOUNT 48" A.F.F.
	5/8" DOOR UNDERCUT
	MANUAL VOLUME DAMPER

AIR DEVICE SCHEDULE (1)(2)(3)

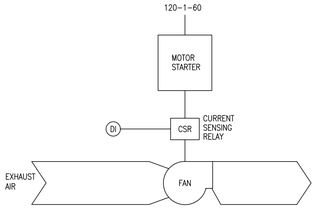
MARK	CFM	MAX. NC	AIR DEVICE SIZE	DUCT CONNECTION SIZE	REMARKS (TYPE)
0-75	0-75	25	6"x6"	6"ø	CD
76-150	76-150	25	9"x6"	7"ø	CD
151-200	151-200	25	9"x9"	8"ø	CD
201-300	201-300	25	9"x9"	9"ø	CD
301-400	301-400	25	9"x12"	10"ø	CD
401-500	401-500	25	12"x12"	12"ø	CD
501-625	501-625	25	15"x12"	12"ø	CD
---	---	---	---	---	---
0-150	0-150	25	8"x8"	SEE PLANS	RAR/TG
151-450	151-450	25	12"x12"	SEE PLANS	RAR/TG
451-600	451-600	25	14"x14"	SEE PLANS	RAR/TG
---	---	---	---	---	---
0-400	0-400	25	12"x8"	SEE PLANS	SWR
401-600	401-600	25	16"x8"	SEE PLANS	SWR

NOTES:

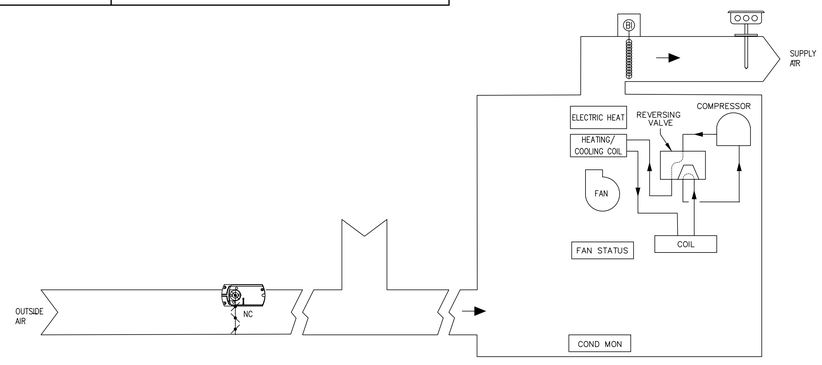
(1) PROVIDE 24"X24" PANEL FOR ALL AIR DEVICES IN LAY-IN CEILING.

(2) PROVIDE DUCT CONNECTION SIZE SHOWN UNLESS OTHERWISE NOTED ON PLANS.

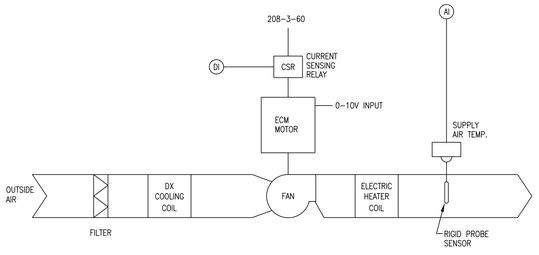
(3) AIR DEVICE SIZES SHOWN ON PLANS TAKE PRECEDENCE OVER THIS SCHEDULE.



FLOW DIAGRAM- GENERAL EXHAUST FANS



FLOW DIAGRAM- RTU#1, RTU#2, RTU#3, RTU#4



FLOW DIAGRAM- KITCHEN HOOD MAU UNIT

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 LEGEND AND SCHEDULES

JAMES M. WARD JR. No. 14048 PROFESSIONAL ENGINEER ALABAMA 02/25/26

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

JOB NO. 25-160B
SHEET NO: M3.0

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

- M:\Jobs_Active\25170 Fairhope HS Site Improvements Interior Renovations\25170M30.dwg
- Wednesday, March 25, 2026 9:54:55 AM

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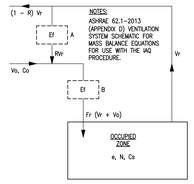
OUTSIDE AIR VENTILATION RATES
IAQ PROCEDURE – 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
RTU#1	EDUCATIONAL	CAFETERIA	4,800 (4)	290	7.5	0.18	2175	864	0.8	3799 (3)

ZONE HEIGHT (FT)	15		AIR CHANGES/HOUR	9.1	
DESIRED OA (Vo) IAQ	1,515		OA PER VRP	3799 CFM	VRP OA CFM/PERSON 13.1
MAX/MIN SA (Vs)	10,950		OA PER IAQ	1515 CFM	IAQ OA CFM/PERSON 5.2
RETURN AIR (Vr)	9,435		OA SAVINGS	2284 CFM	
RECIRC. FLOW FACTOR(R)	0.86		OA DRY BULB	95 °F	
VENT. EFF. (Ez)	0.8		OA WET BULB	80 °F	
PHYSICAL ACTIVITY	STANDING (DESK WORK)		COIL LVG. DRY BULB	55 °F	
FILTER LOCATION	B		COIL LVG. WET BULB	54 °F	
HVAC FLOW TYPE	CONSTANT				
OA FLOW TYPE	CONSTANT				

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	1,316	2707	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?		YES



NOTES:
1. IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1–2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
2. ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
3. OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
4. OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI–POLAR AIR PURIFICATION DEVICES.

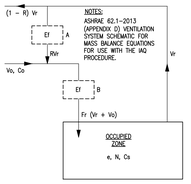
NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

OUTSIDE AIR VENTILATION RATES
IAQ PROCEDURE – 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
RTU#2	EDUCATIONAL	CAFETERIA	5,430 (4)	290	7.5	0.18	2175	977	0.8	3941 (3)

ZONE HEIGHT (FT)	15		AIR CHANGES/HOUR	8.8	
DESIRED OA (Vo) IAQ	1,540		OA PER VRP	3941 CFM	VRP OA CFM/PERSON 13.6
MAX/MIN SA (Vs)	11,980		OA PER IAQ	1540 CFM	IAQ OA CFM/PERSON 5.3
RETURN AIR (Vr)	10,440		OA SAVINGS	2401 CFM	
RECIRC. FLOW FACTOR(R)	0.87		OA DRY BULB	95 °F	
VENT. EFF. (Ez)	0.8		OA WET BULB	80 °F	
PHYSICAL ACTIVITY	STANDING (DESK WORK)		COIL LVG. DRY BULB	55 °F	
FILTER LOCATION	B		COIL LVG. WET BULB	54 °F	
HVAC FLOW TYPE	CONSTANT				
OA FLOW TYPE	CONSTANT				

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	1283	2669	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?		YES



NOTES:
1. IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1–2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
2. ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
3. OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
4. OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI–POLAR AIR PURIFICATION DEVICES.

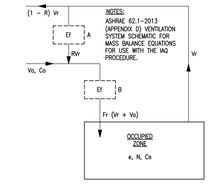
NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

OUTSIDE AIR VENTILATION RATES
IAQ PROCEDURE – 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
RTU#3	EDUCATIONAL	SERVING AREA	2,870 (4)	50	7.5	0.18	375	517	0.8	1115 (3)

ZONE HEIGHT (FT)	10		AIR CHANGES/HOUR	8.1	
DESIRED OA (Vo) IAQ	390		OA PER VRP	1115 CFM	VRP OA CFM/PERSON 22.3
MAX/MIN SA (Vs)	3,870		OA PER IAQ	390 CFM	IAQ OA CFM/PERSON 7.8
RETURN AIR (Vr)	3,480		OA SAVINGS	725 CFM	
RECIRC. FLOW FACTOR(R)	0.89		OA DRY BULB	95 °F	
VENT. EFF. (Ez)	0.8		OA WET BULB	80 °F	
PHYSICAL ACTIVITY	STANDING (DESK WORK)		COIL LVG. DRY BULB	55 °F	
FILTER LOCATION	B		COIL LVG. WET BULB	54 °F	
HVAC FLOW TYPE	CONSTANT				
OA FLOW TYPE	CONSTANT				

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	938	1940	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?		YES



NOTES:
1. IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1–2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
2. ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
3. OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
4. OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI–POLAR AIR PURIFICATION DEVICES.

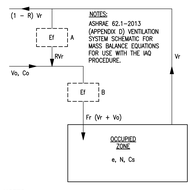
NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

OUTSIDE AIR VENTILATION RATES
IAQ PROCEDURE – 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Pz	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
RTU#4	EDUCATIONAL	KITCHEN	3,620 (4)	10	7.5	0.12	75	434	0.8	637 (3)

ZONE HEIGHT (FT)	10		AIR CHANGES/HOUR	10.1	
DESIRED OA (Vo) IAQ	700		OA PER VRP	637 CFM	VRP OA CFM/PERSON 63.7
MAX/MIN SA (Vs)	6,110		OA PER IAQ	700 CFM	IAQ OA CFM/PERSON 70.0
RETURN AIR (Vr)	5,410		OA SAVINGS	–63 CFM	
RECIRC. FLOW FACTOR(R)	0.89		OA DRY BULB	95 °F	
VENT. EFF. (Ez)	0.8		OA WET BULB	80 °F	
PHYSICAL ACTIVITY	STANDING (DESK WORK)		COIL LVG. DRY BULB	55 °F	
FILTER LOCATION	B		COIL LVG. WET BULB	54 °F	
HVAC FLOW TYPE	CONSTANT				
OA FLOW TYPE	CONSTANT				

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	588	573	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES
			IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?		YES



NOTES:
1. IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1–2013, SECTION 6.1.2 & 6.3 BY UTILIZING BIPOLAR IONIZATION TECHNOLOGY.
2. ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
3. OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP).
4. OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.

NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI–POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

OUTSIDE AIR VENTILATION RATES – ORIGINAL FLOOR PLAN

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Pz	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)	ORIGINAL OA (CFM)	IS ORIGINAL GREATER THAN REQUIRED?
MEDIA CENTER	EDUCATIONAL	CLASSROOMS (AGE +9)	N/A	100	10.0	N/A	1000	N/A	1.0	1000	5285	YES

OUTSIDE AIR VENTILATION RATES – REVISED FLOOR PLAN

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Pz	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)	ORIGINAL OA (CFM)	IS ORIGINAL GREATER THAN REQUIRED?
MEDIA CENTER	EDUCATIONAL	CLASSROOMS (AGE +9)	N/A	65	10.0	N/A	650	N/A	1.0	650	5285	YES

VENTILATION RATE CALCULATIONS SCHEDULE:

VENTILATION RATES OF OUTDOOR FOR THIS PROJECT HAS NOT BEEN CHANGED DUE TO THE INTERIOR RENOVATION. OCCUPANCY OF THE SAME SQUARE FOOTAGE UNDER THE NEW FLOOR PLAN HAS BEEN SIGNIFICANTLY REDUCED FROM THE ORIGINAL DESIGN OF THIS SPACE AS A LIBRARY. ACCORDINGLY, EXISTING BUILDING PRESSURES AND AIR FLOW BALANCE ARE EXPECTED TO REMAIN AS ORIGINALLY DESIGNED.

SEQUENCE OF OPERATION

PACKAGED AIR CONDITIONING UNIT W/ ELECTRIC HEAT:

BUILDING AUTOMATION SYSTEM INTERFACE:

THE BUILDING AUTOMATION SYSTEM (BAS) SHALL SEND THE CONTROLLER OCCUPIED BYPASS, PRE–COOL, OCCUPIED/UNOCCUPIED AND HEAT/COOL MODES. IF A BAS IS NOT PRESENT, OR COMMUNICATION IS LOST WITH THE BAS THE CONTROLLER SHALL OPERATE USING DEFAULT MODES AND SETPOINTS. BOTH UNITS SHALL WORK IN TANDEM TO SATISFY TEMPERATURE AND HUMIDITY REQUIREMENTS.

OCCUPIED:

THE DX COOLING SHALL CONTROL TO MAINTAIN THE ACTIVE DISCHARGE AIR TEMPERATURE SETPOINT. IF ECONOMIZING IS ENABLED, THE OUTDOOR AIR OR MIXED AIR DAMPERS SHALL MODULATE TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SETPOINT AND THE RELIEF AIR DAMPER SHALL TRACK THE MIXED AIR DAMPERS. THE DISCHARGE AIR TEMPERATURE SETPOINT SHALL BE DYNAMICALLY RESET BASED ON THE DEVIATION OF ACTUAL SPACE TEMPERATURE FROM THE ACTIVE SPACE TEMPERATURE SETPOINT. IF THE DISCHARGE AIR TEMPERATURE SENSOR FAILS, THE DX COOLING SHALL CONTROL TO MAINTAIN THE ACTIVE SPACE TEMPERATURE SETPOINT AND AN ALARM SHALL ANNUNCIATE AT THE BAS. IF THE DISCHARGE AIR TEMPERATURE SENSOR AND THE SPACE TEMPERATURE SENSOR FAIL, THE DX COOLING SHALL BE DISABLED, AND AN ALARM SHALL ANNUNCIATE AT THE BAS.

OPTIMAL START:

THE BAS SHALL MONITOR THE SCHEDULED OCCUPIED TIME, OCCUPIED SPACE SETPOINTS AND SPACE TEMPERATURE TO CALCULATE WHEN THE OPTIMAL START OCCURS.

PRE–COOL MODE:

DURING OPTIMAL START, IF THE SPACE TEMPERATURE IS ABOVE THE OCCUPIED COOLING SETPOINT, PRE–COOL MODE SHALL BE ACTIVATED. WHEN PRE–COOL IS INITIATED, THE UNIT SHALL ENABLE THE FAN AND COOLING. THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED. WHEN THE SPACE TEMPERATURE REACHES OCCUPIED COOLING SETPOINT (ADJ.), THE UNIT SHALL TRANSITION TO THE OCCUPIED MODE.

OPTIMAL STOP:

THE BAS SHALL MONITOR THE SCHEDULED UNOCCUPIED TIME, OCCUPIED SETPOINTS AND SPACE TEMPERATURE TO CALCULATE WHEN THE OPTIMAL STOP OCCURS. WHEN THE OPTIMAL STOP MODE IS ACTIVE THE UNIT CONTROLLER SHALL MAINTAIN THE SPACE TEMPERATURE TO THE SPACE TEMPERATURE OFFSET SETPOINT. OUTSIDE AIR DAMPER SHALL REMAIN ENABLED TO PROVIDE MINIMUM VENTILATION.

OCCUPIED BYPASS:

THE BAS SHALL MONITOR THE STATUS OF THE ON AND CANCEL BUTTONS OF THE SPACE TEMPERATURE SENSOR. WHEN AN OCCUPIED BYPASS REQUEST IS RECEIVED FROM A SPACE SENSOR, THE UNIT SHALL TRANSITION FROM ITS CURRENT OCCUPANCY MODE TO OCCUPIED BYPASS MODE AND THE UNIT SHALL MAINTAIN THE SPACE TEMPERATURE TO THE OCCUPIED SETPOINTS (ADJ.).

HEAT/COOL MODE:

WHEN THE SPACE TEMPERATURE RISES ABOVE THE OCCUPIED COOLING SETPOINT THE MODE SHALL TRANSITION TO COOLING. WHEN THE SPACE TEMPERATURE FALLS BELOW THE OCCUPIED HEATING SETPOINT THE MODE SHALL TRANSITION TO HEATING. WHEN THE SPACE TEMPERATURE IS ABOVE THE OCCUPIED COOLING SETPOINT OR BELOW THE OCCUPIED HEATING SETPOINT THE MODE SHALL REMAIN IN ITS LAST STATE. IF THE SPACE TEMPERATURE SENSOR FAILS, THE MODE SHALL REMAIN IN ITS LAST STATE AND AN ALARM SHALL ANNUNCIATE AT THE BAS. IF THE LOCAL AND COMMUNICATED SETPOINTS FAIL THE CONTROLLER SHALL DISABLE THE SUPPLY FAN AND AN ALARM SHALL ANNUNCIATE AT THE BAS.

DEHUMIDIFICATION:

THE UNIT SHALL BE IN DEHUMIDIFICATION MODE IF THE SPACE HUMIDITY IS ABOVE THE DEHUMIDIFICATION SETPOINT (58 % ADJ). IN THE DEHUMIDIFICATION MODE, THE SUPPLY AIR FAN SHALL BE ENABLED, THE OUTSIDE AIR DAMPER SHALL BE COMMANDED TO MINIMUM POSITION, AND THE UNIT CONTROLLER SHALL ENERGIZE MECHANICAL COOLING AND THE REHEAT SOLENOID. WHILE IN DEHUMIDIFICATION MODE, ECONOMIZER MODE IS DISABLED.

MULTI–CIRCUIT UNITS: DURING DEHUMIDIFICATION MODE THE OUTSIDE AIR TEMPERATURE SHALL BE MONITORED. IF THIS TEMPERATURE RISES ABOVE THE REHEAT CAPACITY LIMIT SETPOINT OR FALLS BELOW THE REHEAT CAPACITY LIMIT SETPOINT – 3.0 DEG. F, THE UNIT SHALL STAGE DOWN OR STAGE UP THE COMPRESSORS RESPECTIVELY TO MEET FULL OR PART LOAD CAPACITY REQUIREMENTS BASED ON AMBIENT TEMPERATURE. FACTORY INSTALLED HOT GAS REHEAT SHALL ALLOW APPLICATION OF DEHUMIDIFICATION. DEHUMIDIFICATION SHALL BE ALLOWED ONLY WHEN THE OUTSIDE AIR TEMPERATURE IS ABOVE 40.0 DEG. F AND BELOW 100.0 DEG. F. THE ECONOMIZER OUTSIDE AIR DAMPER SHALL DRIVE TO MINIMUM POSITION DURING DEHUMIDIFICATION.

VENTILATION CONTROL:

WHEN THE SPACE CO2 LEVEL IS GREATER THAN OR EQUAL TO THE DESIGN MINIMUM CO2 SETPOINT, THE OUTDOOR AIR DAMPER SHALL OPEN TO THE DESIGN MAXIMUM OUTDOOR AIR DAMPER SETPOINT. WHEN THE SPACE CO2 LEVEL IS LESS THAN OR EQUAL TO THE DCV MINIMUM CO2 SETPOINT, THE OUTDOOR AIR DAMPER SHALL CLOSE TO THE DCV MINIMUM OUTDOOR AIR DAMPER SETPOINT. IF THERE IS A CALL FOR ECONOMIZER COOLING, THE DAMPER SHALL BE OPENED FURTHER TO SATISFY THE COOLING REQUEST.

SUPPLY FAN:

THE UNIT CONTROLLER SHALL VARY THE SUPPLY FAN SPEED TO OPTIMIZE MINIMUM FAN SPEED IN ALL COOLING AND HEATING MODES. IN DEHUMIDIFICATION MODE, THE SUPPLY FAN SHALL GO TO DEHUMIDIFICATION SETPOINT.

RELIEF AIR AND BUILDING PRESSURE CONTROL:

A DIFFERENTIAL PRESSURE TRANSDUCER SHALL ACTIVELY MONITOR THE DIFFERENCE IN PRESSURE BETWEEN THE BUILDING (INDOORS) AND OUTDOORS. IF THE BUILDING PRESSURE INCREASES ABOVE THE DESIRED SETPOINT, THE ASSOCIATED CONTROLLER SHALL MODULATE THE RELIEF AIR DAMPER TO CONTROL BUILDING PRESSURE AT SETPOINT. IF THE BUILDING PRESSURE DECREASES BELOW THE DESIRED SETPOINT, THE ASSOCIATED CONTROLLER SHALL CLOSE THE RELIEF AIR DAMPER.

FILTER STATUS:

A DIFFERENTIAL PRESSURE SWITCH SHALL MONITOR THE DIFFERENTIAL PRESSURE ACROSS THE FILTER(S) WHEN THE FAN IS RUNNING. IF THE SWITCH CLOSES DURING NORMAL OPERATION A DIRTY FILTER ALARM SHALL ANNUNCIATE AT THE BAS.

SMOKE DETECTOR SHUTDOWN:

THE UNIT SHALL SHUT DOWN IN RESPONSE TO A SIGNAL FROM THE SMOKE DETECTOR INDICATING THE PRESENCE OF SMOKE. THE SMOKE DETECTOR SHALL BE INTERLOCKED TO THE UNIT THROUGH THE DRY CONTACTS OF THE SMOKE DETECTOR. A MANUAL RESET OF THE SMOKE DETECTOR SHALL BE REQUIRED TO RESTART THE UNIT.

PACKAGED HEAT PUMP UNIT:

GENERAL: SPACE TEMPERATURE SHALL BE CONTROLLED BY WALL MOUNTED DDC TEMPERATURE SENSORS (INSTALLED BY THE CONTROLS CONTRACTOR). DDC TEMPERATURE SENSORS SHALL HAVE NIGHT LOW AND HIGH LIMIT SETTINGS, AND HAVE OCCUPIED/UNOCCUPIED SCHEDULE CAPABILITY. UNITS SHALL RUN SUBJECT TO FACTORY SAFETIES AND DUCT MOUNTED SMOKE DETECTORS AS INDICATED.

THE DDC SENSORS SHALL HAVE AN AFTER–HOURS OVERRIDE BUTTON (1–HOUR).

AIR HANDLER FAN SHALL BE SINGLE ZONE VARIABLE AIR VOLUME (SZVAV) TYPE AND SHALL MODULATE FAN SPEED AS REQUIRED DURING "OCCUPIED" & "UNOCCUPIED" MODES TO MAINTAIN SPACE TEMPERATURE SETPOINT.

EACH SPACE DDC TEMPERATURE SENSOR SHALL HAVE A CLEAR, PLASTIC, LOCKABLE ENCLOSURE.

COOLING/HEATING MODE: THE COMPRESSOR SECTION SHALL START AND STOP ACCORDING TO THE THERMOSTAT SETPOINTS. COOLING AND HEATING SHALL CHANGE OVER AUTOMATICALLY. IN THE 'COOLING' MODE, WHEN THE SPACE TEMPERATURE RISES ABOVE SETPOINT (74 °F, FIELD ADJ.), THE COMPRESSORS SHALL BE ENERGIZED AND SHALL RUN UNTIL SPACE COOLING TEMPERATURE REQUIREMENT IS SATISFIED. IN THE 'HEATING' MODE, WHEN THE SPACE TEMPERATURE FALLS BELOW SETPOINT (68 °F, FIELD ADJ.), THE CYCLE SHALL REVERSE AND SHALL RUN UNTIL THE SPACE HEATING TEMPERATURE REQUIREMENT IS SATISFIED. HEAT PUMP OPERATION SHALL SERVE AS STAGE 1 HEATING. (CONTROLS SHALL BE PROVIDED THAT PREVENT SUPPLEMENTAL HEATER OPERATION WHEN THE HEATING LOAD CAN BE MET BY THE HEAT PUMP ALONE). SUPPLEMENTAL ELECTRIC HEATERS SHALL SERVE AS STAGE 2 HEATING, AS WELL AS, FOR DEFROST CYCLE AND EMERGENCY HEAT. DURING STAGE 2 HEATING, THE COMPRESSORS AND ELECTRIC HEATER SHALL BOTH OPERATE SIMULTANEOUSLY.

EXHAUST FANS:

GENERAL:
EXHAUST FANS SHALL BE INTERLOCKED AS SHOWN ON FAN SCHEDULE.

ALL EXHAUST FANS AND AHU'S SHALL BE SHUT DOWN ON A SIGNAL FROM THE BUILDING FIRE ALARM CONTROL PANEL.

KITCHEN HOOD FANS:
KITCHEN COOKING HOOD EXHAUST FANS KEF#1 & KEF#2 SHALL BE CONTROLLED WITH A SINGLE SWITCH LOCATED AT THE HOOD UTILITY CABINET. THE SWITCH SHALL ACTIVATE BOTH FANS TO OPERATE SIMULTANEOUSLY. KEF#1 AND KEF#2 SHALL ALSO BE INTERLOCKED WITH A HEAT SENSOR INSTALLED IN EACH HOOD TO ACTIVATE THE FANS WHENEVER ANY COOKING OPERATIONS OCCUR.

KITCHEN COOKING HOOD MAKE–UP AIR UNIT MAU#1 SHALL BE INTERLOCKED WITH KEF#1 AND KEF#2. SUCH THAT AS THE EXHAUST FANS ARE ENERGIZED, MAU#1 IS ALSO ENERGIZED. UPON ACTIVATION OF THE KITCHEN HOOD FIRE SUPPRESSION SYSTEM, MAKE–UP AIR UNIT MAU#1 SHALL BE DE–ENERGIZED, WHILE HOOD EXHAUST FANS KEF#1 AND KEF#2 SHALL REMAIN IN OPERATION.

DISHWASHER HOOD FAN:
THE DISHWASHER HOOD EXHAUST FAN, DEF#1, SHALL BE INTERLOCKED WITH ITS HOOD MOUNTED SWITCH OPERABLE FROM THE FACE OF THE HOOD.

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 SCHEDULES

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

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

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.
F	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. 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.
PP	POWER PACK RELAY FOR CONTROL OF LIGHTING CONTROLS, EQUAL TO WATTSTOPPER CAT# BZ-150. MOUNT DEVICE IN AN ACCESSIBLE LOCATION.
PP	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.
ERG	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-210 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
WP	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.
	WEATHER PROOFED, WALL MOUNTED, INTERCOM SYSTEM SPEAKER. MOUNT 9'-0" AFF.
S	INTERCOM SYSTEM CEILING MOUNTED SPEAKER.
	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.
	INTERCOM SYSTEM WIRING
	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 SUPPLIER, 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 7SR-4-L50-8-35-YBY-DRV-UNV LITHONIA CLX-L48-5000LM-SFF-RDL-WD-MVOLT-GZ10-35K-80CRI-WH-HC36 M12 METALUX 4SNLED-LDS-495L-LC-UNV-L835-CO-1-U-AYC	
SLE	4867	33W	LED 35K	SUSPENDED 9'0" AFF	HE WILLIAMS 7SR-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-LDS-495L-LC-UNV-EL14W-L835-CO-1-U-AYC	
GL	700	8W	LED 40K	SURFACE INSIDE GENERATOR HOUSING	BEGHELLI TA-PLUS-LED-SE-UNV LITHONIA AFT-QEL-08LB9D-IHOLT-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 7SL-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-DIM/EW-DIM-UNV LITHONIA WPX1-LED-P2-50K-MVOLT-E4WH-DDBXD	EXTERIOR WALL PACK. 'E' – DENOTES INTEGRAL EMERGENCY BATTERY OPTION.
EX EX2	N/A	3W	LED RED	UNIVERSAL	ASTRALITE DCA-R-RA-EM-SD CHLORIDE ERSSU3R EMERGLITE BAPXN1R	EXIT SIGNS. PROVIDE DIRECTIONAL ARROWS AND SINGLE/DOUBLE FACE AS INDICATED ON PLANS. EX INDICATES SINGLE FACE AND EX2 INDICATES DOUBLE FACE.
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 EVOS-35/20-AD-WD-LSS-MVOLT-GZ10-TRW EDISON PRICE LED-FTF-6DL-DMV-AD-L20S-35K-CDL-277	6" DOWNLIGHT.
SQ88	12800	120W	LED 35K	PENDANT	CAMMAN LIGHTING 96-DC-L0550-U400-35K-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'-0" 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.

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

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 No. 34607 03/25/26 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: E0.1

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

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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 03/25/26 No. 34007 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: ED1.1

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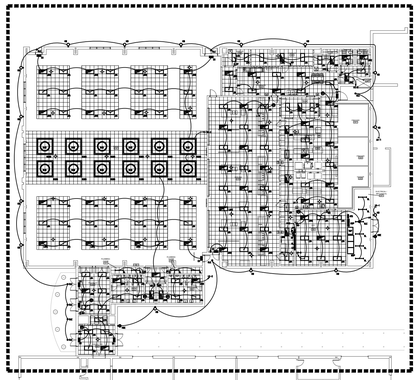
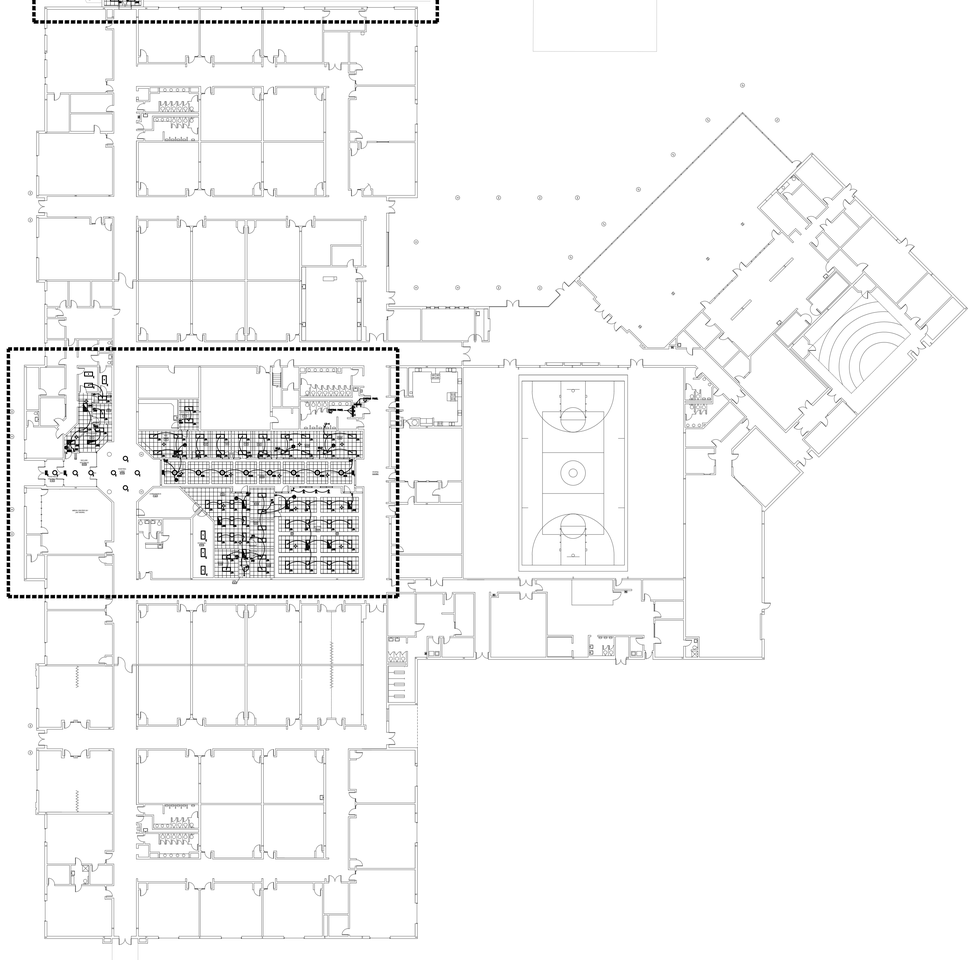


REFERENCE SHEET E1.1 FOR ADDITIONAL INFORMATION



REFERENCE SHEET E1.2 FOR ADDITIONAL INFORMATION

LIGHTING OVERALL NEW WORK PLAN

SCALE: 1" = 30'-0"

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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: LIGHTING OVERALL NEW WORK PLAN

ALABAMA LICENSED 03/25/26 No. 34807 PROFESSIONAL ENGINEER ANTHOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO:

E1.0

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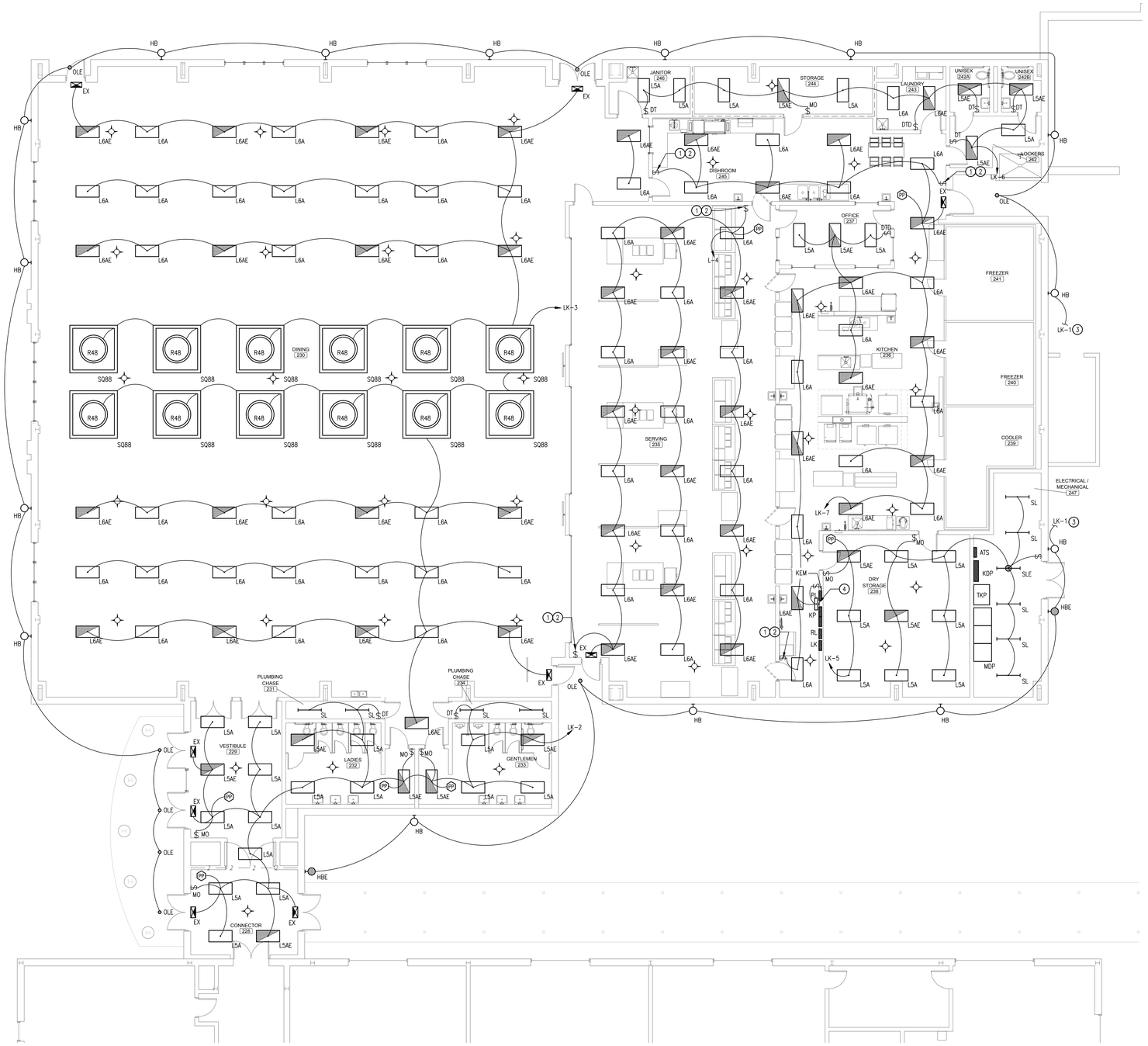

LIGHTING PLAN KEYNOTES

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.

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 - CAFETERIA-KITCHEN BUILDING

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

LATHAN ▪ McKEE ARCHITECTS

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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: LIGHTING NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED PROFESSIONAL ENGINEER 03/25/26 No. 34007 THOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: E1.1

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LIGHTING NEW WORK PLAN - MEDIA CENTER

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. 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.

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 - MEDIA CENTER AND CLASSROOM ALTERATIONS

ALABAMA LICENSED 03/25/26 No. 34007 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: E1.2

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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.

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

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

SHEET TITLE: ELECTRICAL DEMOLITION PLAN - EXISTING LIBRARY

ALABAMA LICENSED 03/25/26 No. 34807 PROFESSIONAL ENGINEER ANTHOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: ED2.1

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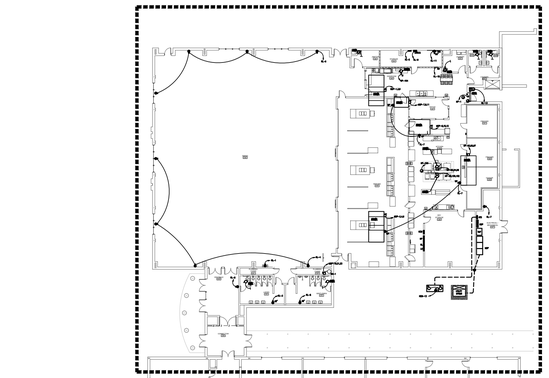
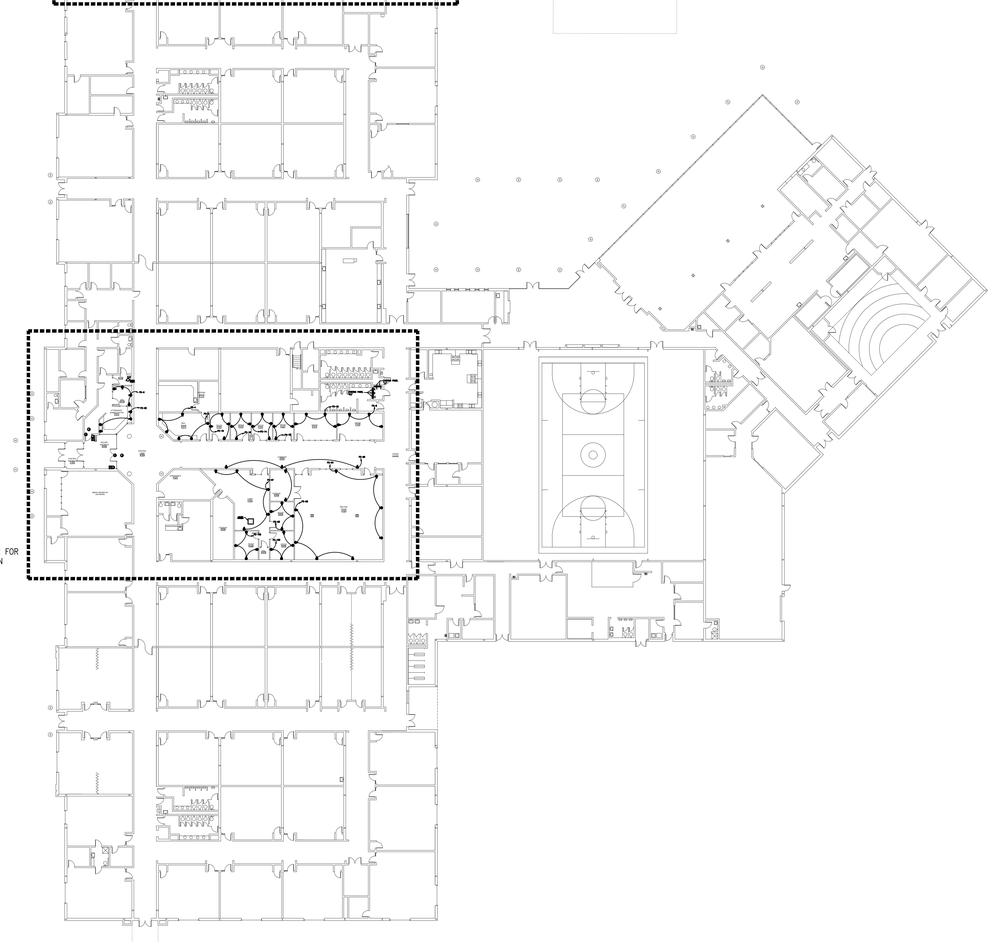


REFERENCE SHEET E2.1 FOR ADDITIONAL INFORMATION



REFERENCE SHEET E2.2 FOR ADDITIONAL INFORMATION

ELECTRICAL OVERALL NEW WORK PLAN

SCALE: 1" = 30'-0"

0 1" 2"

LATHAN ▪ McKEE ARCHITECTS

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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: ELECTRICAL OVERALL NEW WORK PLAN

ALABAMA LICENSED No. 34807 PROFESSIONAL ENGINEER ANTHOMAS VARGHESE 03/25/26

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

JOB NO. 25-160B

SHEET NO:

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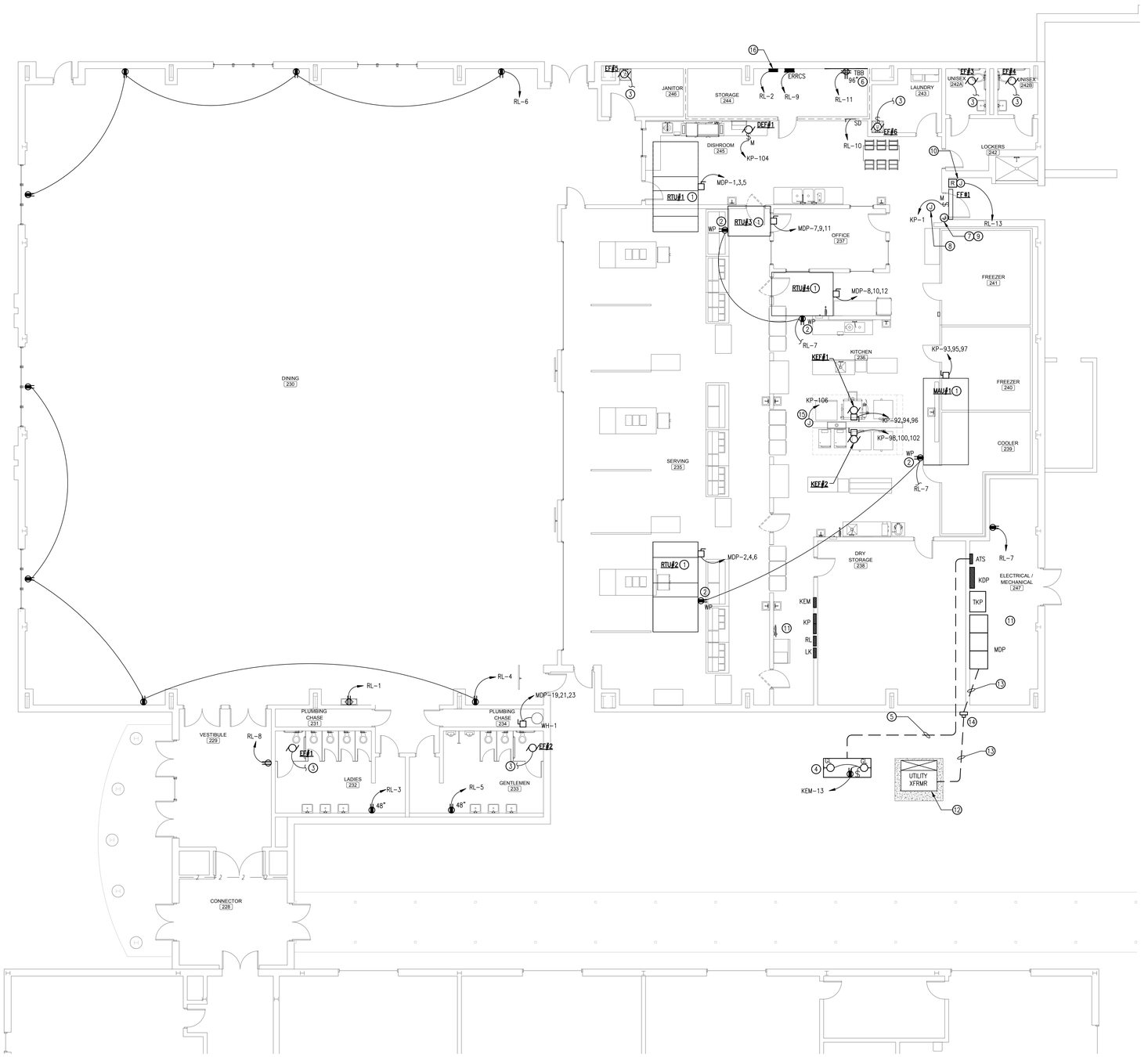

ELECTRICAL NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

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

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.

LATHAN ▪ McKEE ARCHITECTS

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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: ELECTRICAL NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED PROFESSIONAL ENGINEER 03/25/26 No. 34697 THOMAS VINCENT GUINEY

PROJ. MGR.: A. VARGHESE
DRAWN: C. PAGE
DATE: 03/25/26
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JOB NO. 25-160B
SHEET NO: E2.1

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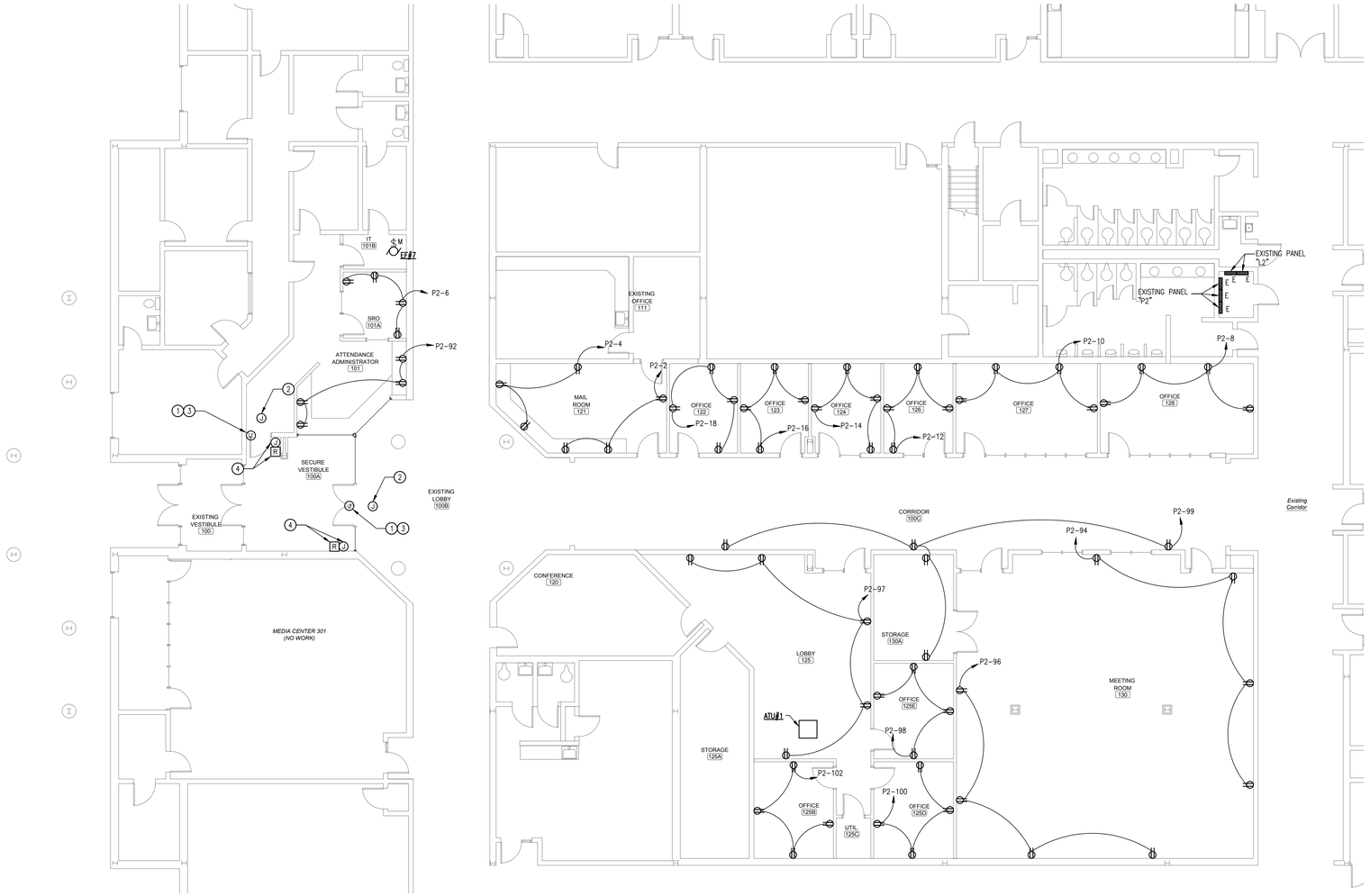

POWER PLAN KEYNOTES

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.

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
ONE PIRATE DRIVE
FAIRHOPE, ALABAMA 36532
BALDWIN COUNTY PUBLIC SCHOOLS

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

ALABAMA ENGINEER 25170 No. 34807 PROFESSIONAL ENGINEER ANTHOMAS VARGHESE

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

SHEET NO: E2.2

0 1" 2"

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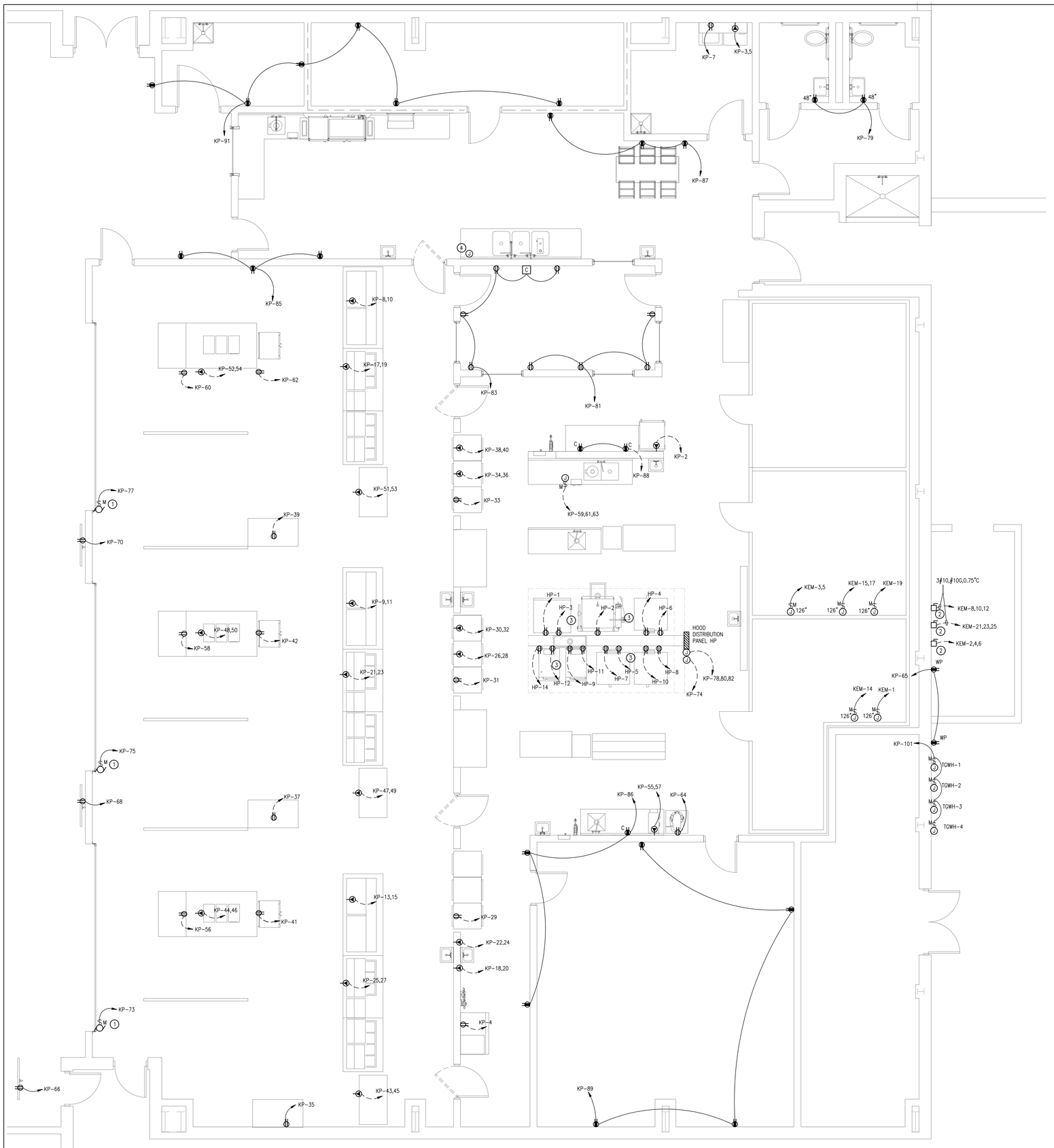


POWER PLAN KEYNOTES

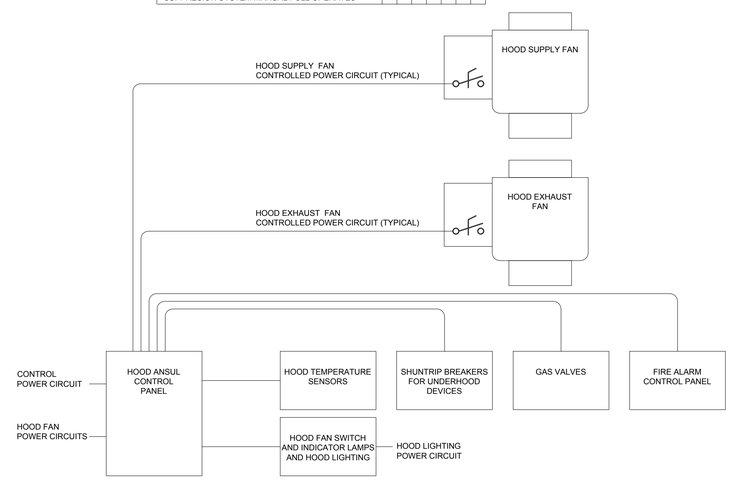
1. MOTORIZED DOOR CONTROLLER. PROVIDE 3/4"C WITH PULL STRING FROM DOOR CONTROLLER TO DOOR OPERATOR. PROVIDE ALL CONNECTION AS REQUIRED. COORDINATE WITH DOOR MANUFACTURER FOR REQUIREMENTS.
2. MAINTAIN CLEARANCE AND WORKING SPACE PER THE NATIONAL ELECTRICAL CODE ABOUT ELECTRICAL EQUIPMENT IN THIS SPACE.
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"

0 2' 4' 8'

LATHAN ▪ McKEE ARCHITECTS

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
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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: ELECTRICAL NEW WORK PLAN - KITCHEN

ALABAMA LICENSED 03/25/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B
SHEET NO:
E2.3

0 1" 2"

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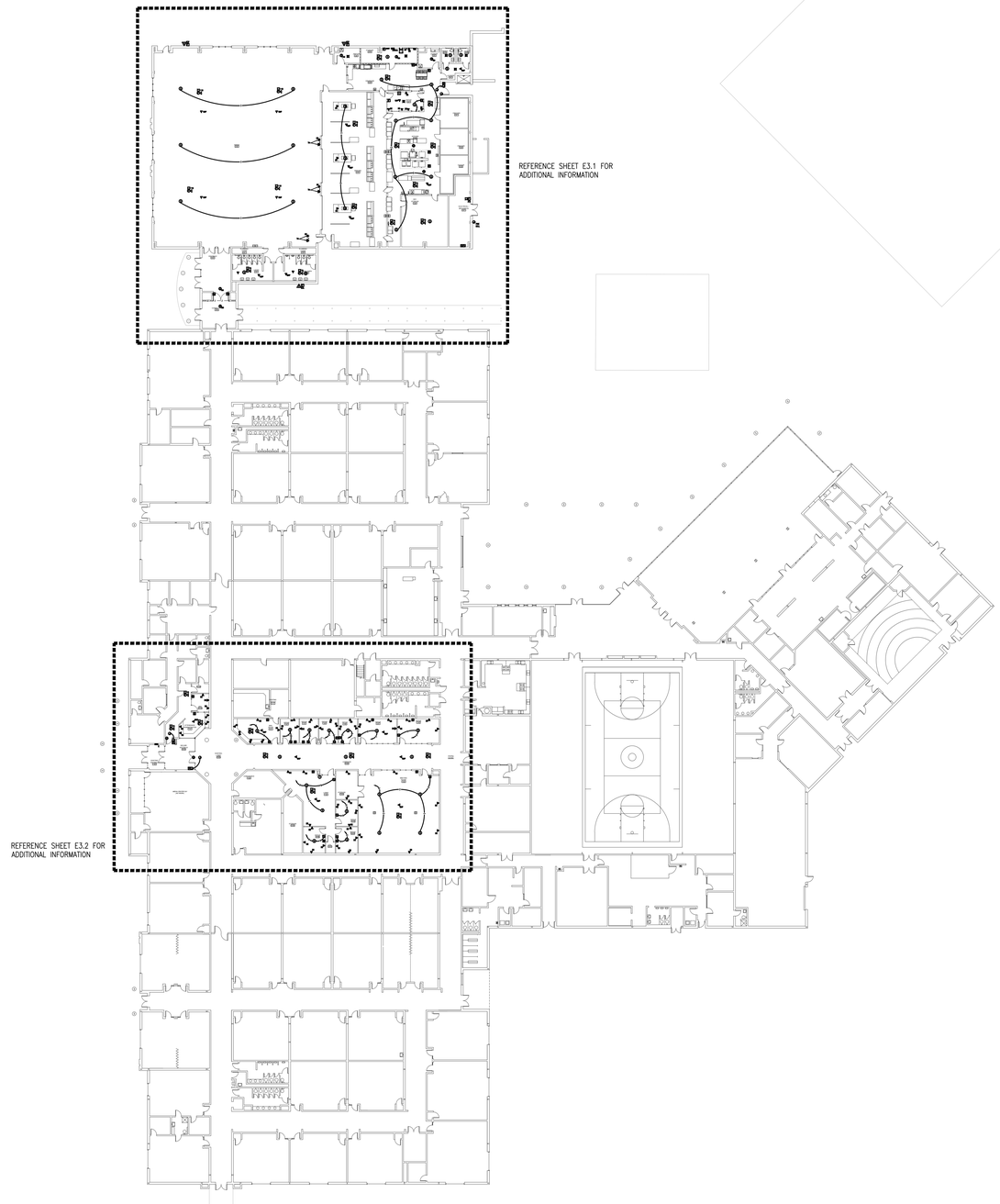

SYSTEMS OVERALL NEW WORK PLAN

SCALE: 1" = 30'-0"

LATHAN ▪ McKEE ARCHITECTS

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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: SYSTEMS OVERALL NEW WORK PLAN

ALABAMA LICENSED 03/25/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: E3.0

0 1" 2"

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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.

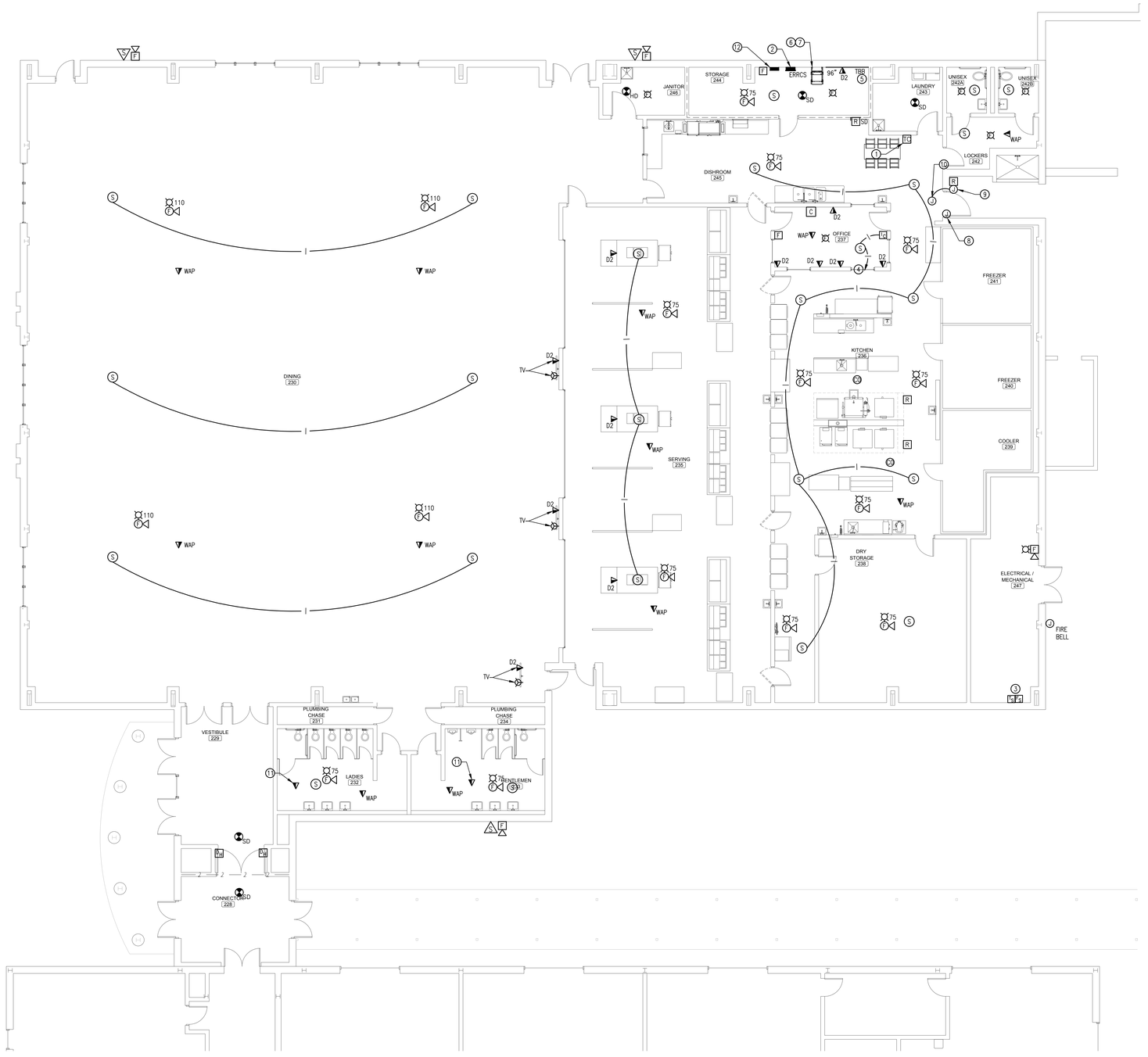
d. VERIFY LOCATION AND MOUNTING HEIGHT OF ALL DEVICES WITH FURNITURE PLAN AND OWNER PRIOR TO ROUGH IN (SPECIFICALLY AT THE FURNITURE IN THE CLASSROOMS).

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"

LATHAN ▪ McKEE ARCHITECTS

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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: SYSTEMS NEW WORK PLAN - CAFETERIA-KITCHEN BUILDING

ALABAMA LICENSED 03/2026 No. 34007 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B
SHEET NO: E3.1

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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 REGISTERED ENGINEER 05 7570 No. 34007 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: E3.2

0 1" 2"

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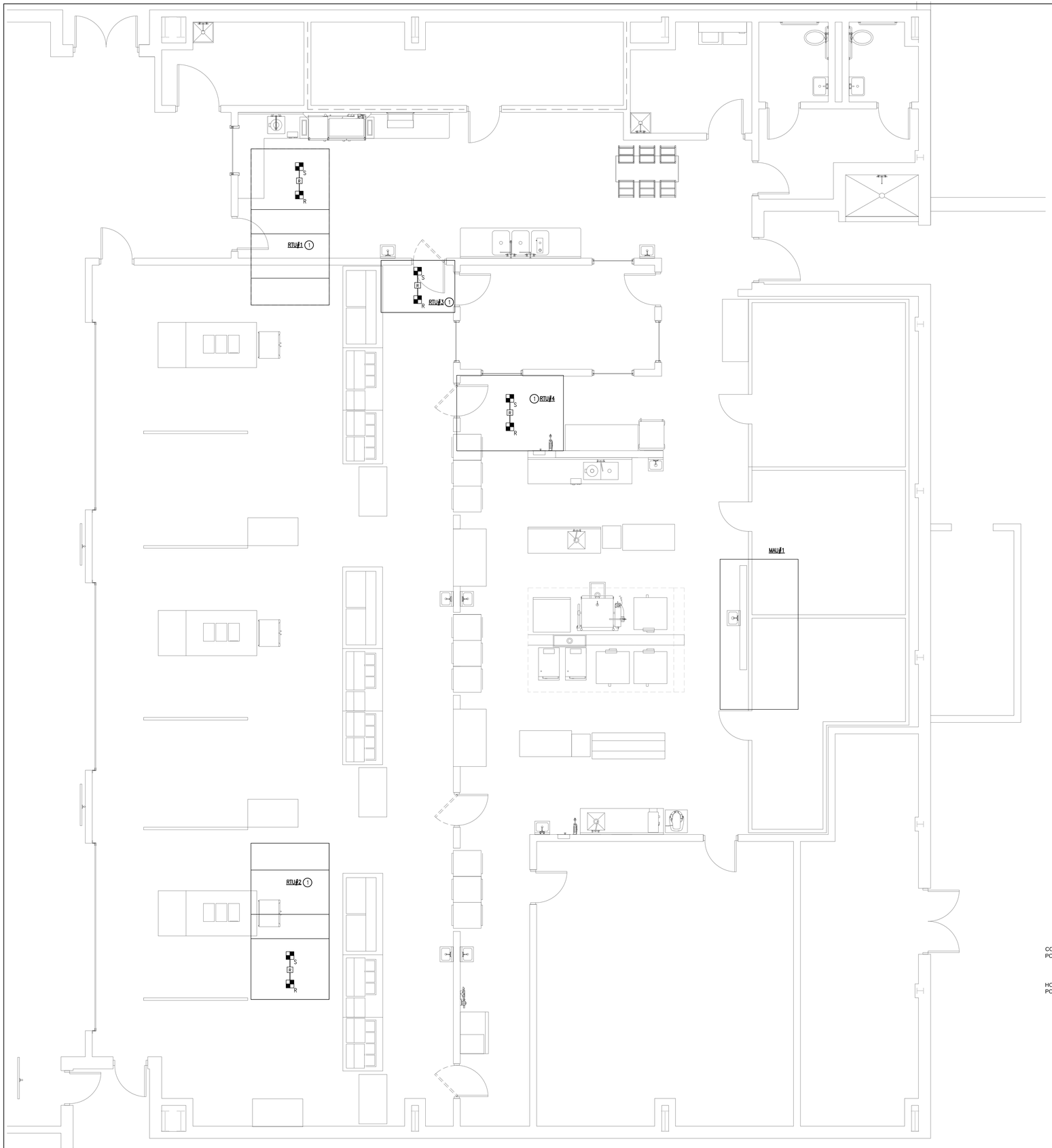
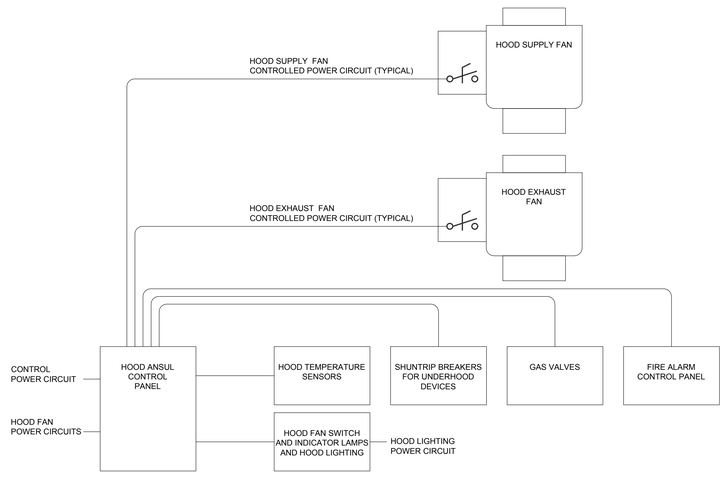


SYSTEMS PLAN KEYNOTES

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
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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 03/25/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B
SHEET NO: E3.3

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NEMA 1, SURFACE MOUNT

PANEL MDP SCHEDULE

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.

NEMA 1, RECESSED MOUNT

EXIST. PANEL P2 SCHEDULE

250A 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	RECS CR.104 (E)	1	20	0.9	0.9	20	1		RECS LIBRARY (E)	2
3	RECS CR.104 (E)	1	20	0.9	0.7	20	1		RECS LIBRARY (E)	4
5	RECS CR.104 (E)	1	20	0.9	0.7	20	1		RECS LIBRARY (E)	6
7	RECS CR.104 (E)	1	20	0.9	0.9	20	1		RECS LIBRARY (E)	8
9	RECS CR.104 (E)	1	20	0.9	0.9	20	1		RECS LIBRARY (E)	10
11	RECS CR.104 (E)	1	20	0.9	1.1	20	1		RECS LIBRARY (E)	12
13	RECS CR.104 (E)	1	20	0.9	1.1	20	1		RECS LIBRARY (E)	14
15	RECS CR.104 (E)	1	20	0.9	1.1	20	1		RECS LIBRARY (E)	16
17	RECS CR.108 (E)	1	20	1.1	1.1	20	1		RECS LIBRARY (E)	18
19	RECS CORRIDOR (E)	1	20	0.9	3.0	20	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	20	1		SMALL APP. RM 150 (E)	24
25					0.9	20	1		RECS RM. 150 (E)	26
27	RECS CR.164 (E)	1	20	0.7	0.7	20	1		RECS RM. 168 (E)	28
29	RECS CR.164 (E)	1	20	0.7	0.9	20	1		RECS RM. 165+167 (E)	30
31	RECS CR.164 (E)	1	20	0.7	0.7	20	1		E.W.H. (E)	32
33	RECS CR.164 (E)	1	20	0.7	0.4	20	1		EF-4,5,24 (E)	34
35	RECS CR.164 (E)	1	20	0.7	1.0	20	1		EF-10,11 (E)	36
37	SPACE	1	·	·	·	·	1		SPACE	38
39	SPACE	1	·	·	·	·	1		SPACE	40
41	SPACE	1	·	·	·	·	1		SPACE	42

CONNECTED LOAD ... KVA

(G) INDICATES GFCI TYPE BREAKER.

NEMA 1, RECESSED MOUNT

PANEL LK SCHEDULE

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

NEMA 1, SURFACE MOUNT

PANEL KDP SCHEDULE

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

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

NEMA 1, RECESSED MOUNT

PANEL RL SCHEDULE

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.

NEMA 1, RECESSED MOUNT

PANEL KP SCHEDULE

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.

NEMA 1, RECESSED MOUNT

PANEL KEM SCHEDULE

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.

NEMA 1

LOAD CENTER HP* SCHEDULE

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

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

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

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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	0.6	20	1	MAIL ROOM 121 RECS	(N)	2
3	RECS CR.104	(E)	1	20	0.9	0.6	0.6	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	3.0	20	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	1.5	20	1	SMALL APP. RM 150	(E)	24
25						0.9	0.9	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 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	1.0	20	1	HAIR DRYER RM. 235	(E)	38
39	RECS CORRIDOR	(E)	1	20	0.9	1.0	1.0	20	1	HAIR DRYER RM. 235	(E)	40
41	RECS RM. 221	(E)	1	20	0.7	1.0	1.0	20	1	HAIR DRYER RM. 235	(E)	42
43	COKE DISPENSER RM. 220	(E)	1	20	1.2	0.7	0.7	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	1.1	20	1	RECS RM. 239	(E)	48
49	SMALL APP. RM. 220	(E)	1	20	1.5	5.0	5.0	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	1.5	20	1	CLOTHES WASHER RM. 237	(E)	54
55	PLUGMOLD RM. 225	(E)	1	20	1.0	0.5	0.5	20	1	RECS RM. 242	(E)	56
57	PLUGMOLD RM. 225	(E)	1	20	1.0	0.4	0.4	20	1	RECS RM. 245	(E)	58
59	PLUGMOLD RM. 225	(E)	1	20	1.0	5.0	5.0	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	1.5	20	1	CLOTHES WASHER RM. 287	(E)	64
65	PLUGMOLD RM. 225	(E)	1	20	1.0	0.5	0.5	20	1	RECS RM. 250+251	(E)	66
67	PLUGMOLD RM. 225	(E)	1	20	1.0	0.7	0.7	20	1	RECS RM. 249	(E)	68
69	PLUGMOLD RM. 225	(E)	1	20	1.0	0.7	0.7	20	1	E.W.C.	(E)	70
71	PLUGMOLD RM. 225	(E)	1	20	1.0	0.7	0.7	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	SPACE		1	·	·	0.8	0.8	20	1	OFFICE 125B RECS	(N)	102
103	SPACE		1	·	·	·	·	·	1	SPACE		104
105	SPACE		1	·	·	·	·	·	1	SPACE		106
107	SPACE		1	·	·	·	·	·	1	SPACE		108

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.

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 REGISTERED 03/25/26 No. 34807 PROFESSIONAL ENGINEER ANTHOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: E4.1

0 1" 2"

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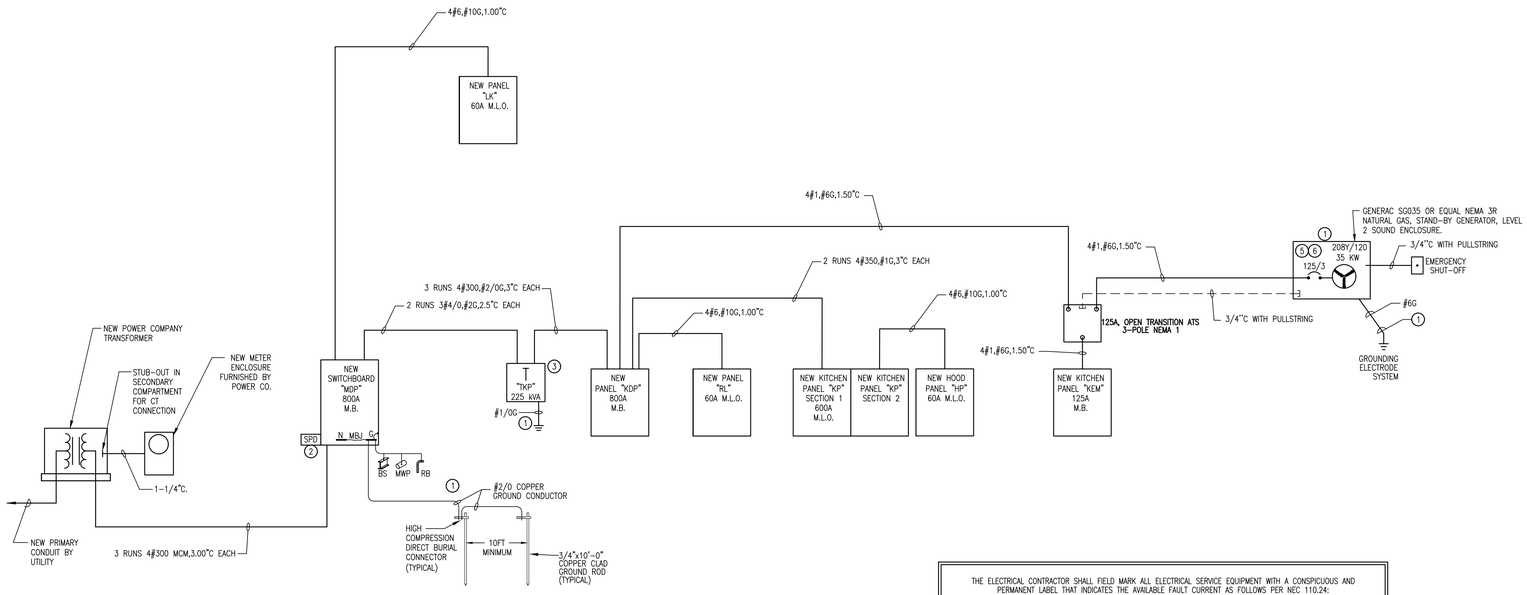

ELECTRICAL SINGLE LINE DIAGRAM

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 03/25/26 No. 34607 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: E5.0

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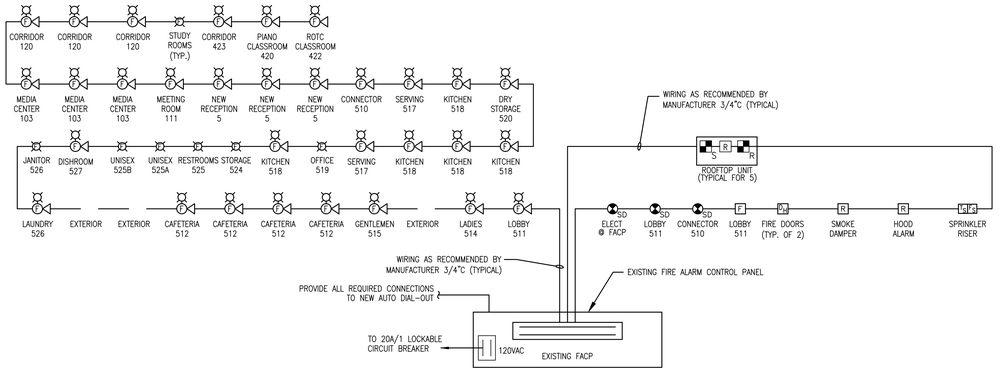


FIRE ALARM SYSTEM RISER DIAGRAM

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.

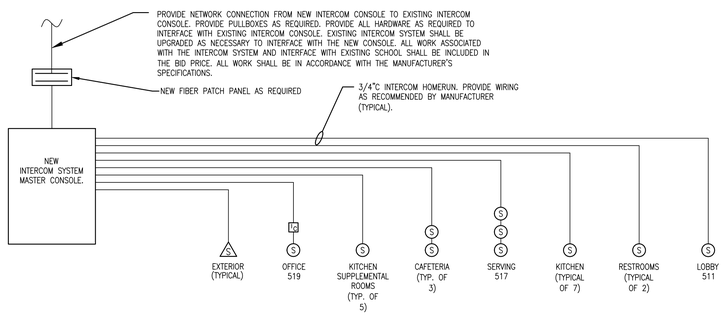
e. ALL FIRE ALARM WORK SHALL BE PERFORMED BY QUALIFIED PERSONNEL AS DEFINED IN NFPA 72 (LATEST EDITION) SECTION(S) 4.3.3 AND 4.4.4.2. SHOP DRAWINGS SHALL COMPLY WITH NFPA 72 SECTION 4.5.1.1.

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 REGISTERED 05/26/26 No. 34807 PROFESSIONAL ENGINEER THOMAS VARGHESE

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

JOB NO. 25-160B

SHEET NO: E5.1

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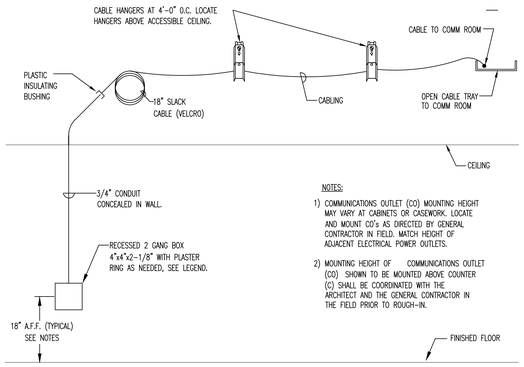
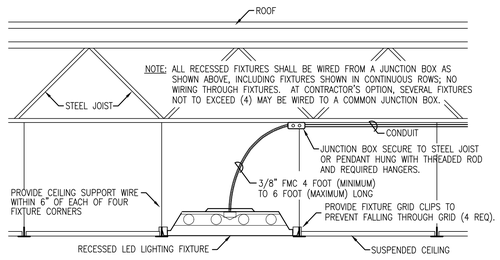


TYPICAL COMMUNICATIONS OUTLET ROUGH-IN MOUNTING DETAIL

NOT TO SCALE



TYPICAL RECESSED FIXTURE INSTALLATION DETAIL

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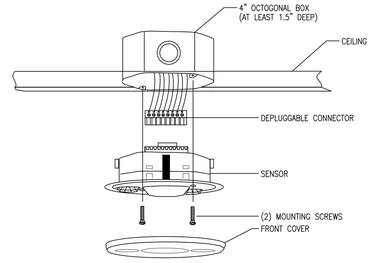

DUAL TECHNOLOGY MOUNTING DETAIL - CEILING MOUNT

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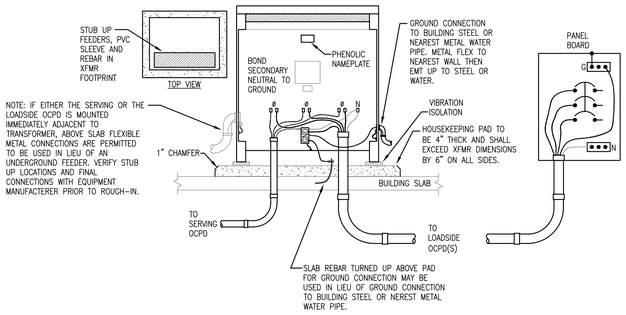

FLOOR MOUNTED TRANSFORMER DETAIL

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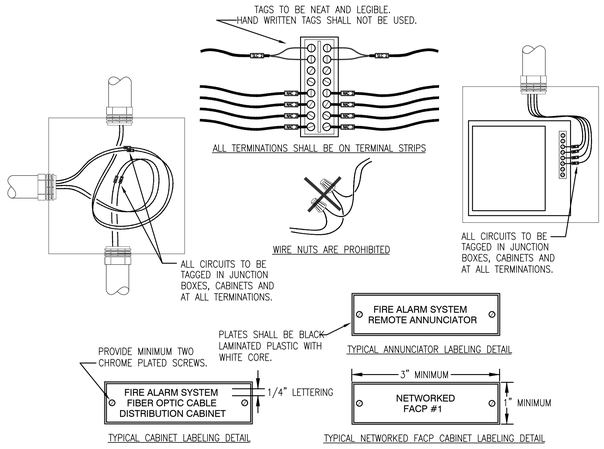

FIRE ALARM SYSTEM LABELING DETAIL

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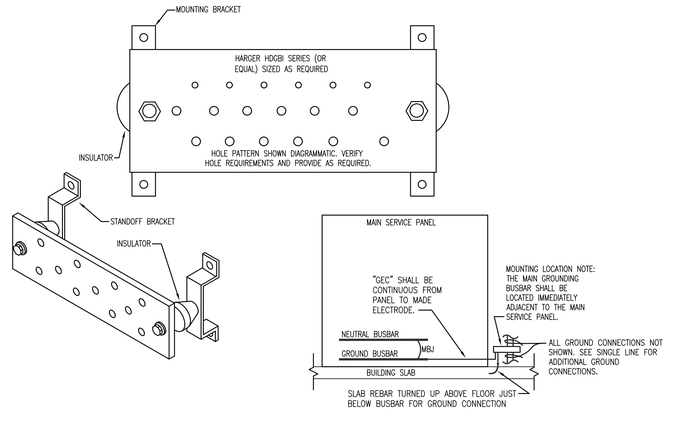

MAIN GROUNDING BUSBAR DETAIL

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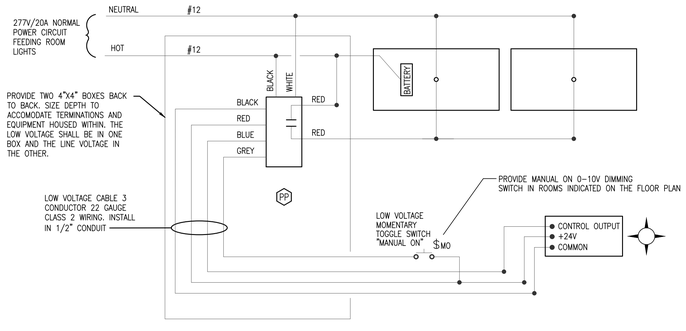

TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM

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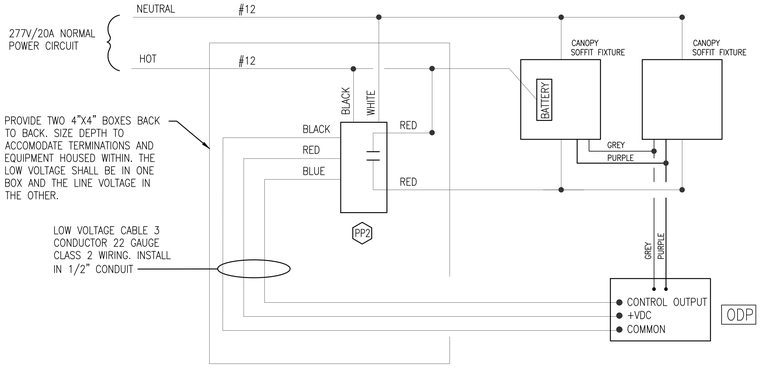

CANOPY SOFFIT FIXTURE CONTROL DIAGRAM

NOT TO SCALE

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SHEET TITLE: ELECTRICAL DETAILS

ALABAMA LICENSED PROFESSIONAL ENGINEER 03/25/26 No. 34807 THOMAS VARGHESE

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

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