Date: 30 September 2025

ADDENDUM NUMBER ONE (1)

Project: "The Commons" Buildings
Hinds Community College – Rankin Campus
Pearl, MS
HCC Bid #3307
PN: 24053

FROM: Dean Architecture, P.A.
661 Sunnybrook Road, Suite 140
Ridgeland, MS 39157
(601) 939-7717

The following additions, changes, clarifications and/or substitutions to the Project Drawings and Project Manual as indicated, are hereby made a part of the Contract Documents. Acknowledge receipt of this Addendum by inserting its number and date in the Proposal Form where indicated.

General:

ITEM #1: Site work shown on the "Package A" Civil drawings is a part of the Base Bid Work. Sitework shown on Civil drawings in "Package B" around the gymnasium building, which includes sidewalks, rear parking spaces, etc. shall be a part of Alternate #2 Gymnasium Bid Price.

ITEM #2: The project schedule calls for the G.C. to be substantially complete with all work (base bid and both alternates) within 500 days of the Notice to Proceed (NTP). It is anticipated to issue the NTP after awarding a contract on November 5, 2005, HCC Board Meeting. If the award is delayed, the proposed April 3, 2027, completion date will be adjusted to meet a 500-calendar day construction timeline from the actual NTP date.

ITEM #3: A set of Construction Documents has been submitted to the City of Pearl for permit review. The G.C. shall finalize the permit application and pay all permit fees in order to pull and maintain the permit for the duration of the project. The exterior design has passed the Architectural Review process, and the city has approved a height variance for the Student Housing Building.

Refer to Specifications:

ITEM #1: SECTION 002100 INSTRUCTIONS TO BIDDERS – Add the attached A305-2020 Contractor's Qualification Statement and Exhibits "A" through "E" in their entirety. This information and Supplement B information will be requested from the apparent three (3) low bidders for review after the bids are received.

ITEM #2: SECTION 002500 INFORMATION FOR BIDDERS – Add paragraph E to the end of this section.
E. Hinds Community College is in the process of acquiring a construction easement with Entergy along the west property line for ease of constructing the precast block retaining wall as shown on Sheets C501-C502. The G.C. will work with HCC and Entergy under this construction easement.

ITEM #3: SECTION 002500 INFORMATION FOR BIDDERS – Add the attached Retaining Wall Geotech Report from Burns, Cooley, Dennis dated 29 August 2025 to this section for information only.

ITEM #4: SECTION 004200 PROPOSAL FORM – Remove existing section and replace with revised section – Added Unit Cost Items.

ITEM #5: SECTION 074310 ALUMINUM COMPOSITE WALL PANEL – Add the following sub paragraph to 2.01.B Composite Panel Fabricator.

2. Any fabricator approved by the ACM Panel Manufacturer.

ITEM #6: SECTION 087100 DOOR HARDWARE – Add the attached Package "A" and Package "B" Door Hardware schedules to the end of this section.

ITEM #7: SECTION 095100 – ACOUSTICAL CEILINGS.
Remove Paragraph 2.03 B and replace with the following.

B. Perimeter Moldings: Same material and finish as grid.

1. Perimeter extruded aluminum trim for ACT furr downs and suspended ceilings equal to Armstrong Axiom Classic Trim – 10" Height and 5 13/16" heights required as shown on drawings.
2. At Exposed Grid: Provide L-Shaped molding for mounting at same elevation as face of grid.

Refer to Drawings:

DRAWINGS – PACKAGE A – RESIDENCE HALL and DINING HALL

ITEM #1: SHEET LS101 – RESIDENCE HALL LIFE SAFETY PLAN.
Remove the existing sheet and replace it with the revised sheet dated 9/30/2025. Added State Fire Marshall 2024 IBC Code requirements.

ITEM #2: SHEET LS102 – DINING HALL LIFE SAFETY PLAN.
Remove the existing sheet and replace it with the revised sheet dated 9/30/2025. Added State Fire Marshall 2024 IBC Code requirements.

ITEM #3: SHEET A104 – RESIDENCE HALL 1ST FLOOR R.C.P.
Remove Existing sheet and replace with revised sheet dated 9/30/2025 – Dimension Clarification on soffit lights.

ITEM #4: SHEET A107 – RESIDENCE HALL ROOF PLAN.
Remove existing sheet and replace with revised sheet dated 9/30/2025 – Added condenser unit to roof plan.

ITEM #5: SHEET A111 - DINING HALL FLOOR PLAN.
Remove existing sheet and replace it with revised sheet dated 9/30/2025.
Door 118 to I.T. Room 118 – Add Card Reader to this door and provide electrical rough in per detail 3/E400 on Electrical Drawings – Dimension Clarification per Structural.

ITEM #6: SHEET A112 - DINING HALL R.C.P.
Remove existing sheet and replace with revised sheet dated 9/30/2025 – Dimension clarifications to soffit lights.

ITEM #7: SHEET A113 – DINING HALL ROOF PLAN.
Remove existing sheet and replace with revised sheet dated 9/30/2025 – Revised R.T.U. locations.

ITEM #8: SHEET A306 – SECTIONS AND DETAILS.
Wall Section 4/A306 - Add note to paint all structure exposed to view above suspended L.A.T. ceiling elements (seeA104 for locations) in corridor 105.

ITEM #9: SHEET A601 - DOOR SCHEDULE.
Dining Hall Door 118 – Add note 4 to the note's column on this door.

ITEM #10: SHEET A602 - FRAME ELEVATIONS.
Aluminum Entrance Elevations – Frame AL-2 change to read Aluminum entrance with manual sliders (door will be unlocked and manually opened when Dining Hall or Grill is open).

DRAWINGS – PACKAGE B – GYMNASIUM / WELLNESS CENTER

ITEM #1: SHEET LS101 – GYMNASIUM LIFE SAFETY PLAN
Remove the existing sheet and replace it with the revised sheet dated 9/30/2025.
Added State Fire Marshall 2024 IBC Code requirements.

ITEM #2: SHEET A101b - GYMNASIUM FLOOR PLAN PART B.
Door 234 to I.T. Room 234 – Add Card Reader to this door and provide electrical rough in per detail 3/E421 on Electrical Drawings – Dimension Clarifications on Plan.

ITEM #3: SHEET A503 – GYM ENLARGED PLAN AND INTERIOR ELEVATIONS
Remove existing sheet and replace with revised sheet dated 9/30/2025 – Added column wrap at coaches' lounge, Room 210.

ITEM #4: SHEET A509 - GYMNASIUM ENLARGED FLOOR PLAN AND RCP.
Remove the existing sheet and replace it with the revised sheet dated 9/30/2025.
Added notes and dimensions.

ITEM #5: SHEET A601 – DOOR SCHEDULE.
Gym Door 234 – Add note 4 to the note's column on this door.

Civil:

SEE ATTACHED CIVIL ITEMS PROVIDED BY MCMASTER & ASSOCIATES, INC.

Structural:

SEE THE ATTACHED ITEMS PROVIDED BY SPENCER ENGINEERS.

Mechanical:

SEE THE ATTACHED MECHANICAL ITEMS PROVIDED BY ENGINEERING RESOURCE GROUP.

Electrical:

SEE THE ATTACHED ELECTRICAL ITEMS PROVIDED BY THE POWER SOURCE.

END OF ADDENDUM NUMBER ONE (1)

Dean Architecture, P.A.

Kenneth A. Oubre, AIA, Principal

REGISTERED ARCHITECT
Kenneth Allen Oubre
3880
JACKSON, MS
9-30-2025
STATE OF MISSISSIPPI

PLEASE ATTACH THIS ADDENDUM TO THE INSIDE FRONT COVER OF EACH SET OF SPECIFICATIONS.

AIA® Document A305® – 2020

Contractor's Qualification Statement

THE PARTIES SHOULD EXECUTE A SEPARATE CONFIDENTIALITY AGREEMENT IF THEY INTEND FOR ANY OF THE INFORMATION IN THIS A305-2020 TO BE HELD CONFIDENTIAL.

SUBMITTED BY:
(Organization name and address.)

SUBMITTED TO:
(Organization name and address.)
Hinds Community Collage
P. O. Box 1100
Raymond, MS 39154

TYPE OF WORK TYPICALLY PERFORMED
(Indicate the type of work your organization typically performs, such as general contracting, construction manager as constructor services, HVAC contracting, electrical contracting, plumbing contracting, or other.)

THIS CONTRACTOR'S QUALIFICATION STATEMENT INCLUDES THE FOLLOWING:
(Check all that apply.)

- [ ] Exhibit A – General Information
- [ ] Exhibit B – Financial and Performance Information
- [ ] Exhibit C – Project-Specific Information
- [ ] Exhibit D – Past Project Experience
- [ ] Exhibit E – Past Project Experience (Continued)

CONTRACTOR CERTIFICATION
The undersigned certifies under oath that the information provided in this Contractor's Qualification Statement is true and sufficiently complete so as not to be misleading.

_____ _____
Organization's Authorized Representative Signature **Date**

_____
Printed Name and Title

NOTARY
State of:
County of:
Signed and sworn to before me this day of

_____
Notary Signature

My commission expires:

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Hinds Community Collage
P. O. Box 1100
Raymond, MS 39154

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Certification of Document's Authenticity

AIA® Document D401™ – 2003

I, , hereby certify, to the best of my knowledge, information and belief, that I created the attached final document simultaneously with its associated Additions and Deletions Report and this certification at 09:25:00 ET on 09/09/2025 under Order No. 4104248909 from AIA Contract Documents software and that in preparing the attached final document I made no changes to the original text of AIA® Document A305™ – 2020, Contractor's Qualification Statement, other than those additions and deletions shown in the associated Additions and Deletions Report.

_____

(Signed)

_____

(Title)

_____

(Dated)

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AIA® Document A305® – 2020 Exhibit A

General Information

This Exhibit is part of the Contractor's Qualification Statement, submitted by and dated the day of in the year
(In words, indicate day, month and year.)

§ A.1 ORGANIZATION
§ A.1.1 Name and Location
§ A.1.1.1 Identify the full legal name of your organization.

§ A.1.1.2 List all other names under which your organization currently does business and, for each name, identify jurisdictions in which it is registered to do business under that trade name.

§ A.1.1.3 List all prior names under which your organization has operated and, for each name, indicate the date range and jurisdiction in which it was used.

§ A.1.1.4 Identify the address of your organization's principal place of business and list all office locations out of which your organization conducts business. If your organization has multiple offices, you may attach an exhibit or refer to a website.

§ A.1.2 Legal Status
§ A.1.2.1 Identify the legal status under which your organization does business, such as sole proprietorship, partnership, corporation, limited liability corporation, joint venture, or other.

.1 If your organization is a corporation, identify the state in which it is incorporated, the date of incorporation, and its four highest-ranking corporate officers and their titles, as applicable.

.2 If your organization is a partnership, identify its partners and its date of organization.

.3 If your organization is individually owned, identify its owner and date of organization.

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.4 If the form of your organization is other than those listed above, describe it and identify its individual leaders:

§ A.1.2.2 Does your organization own, in whole or in part, any other construction-related businesses? If so, identify and describe those businesses and specify percentage of ownership.

§ A.1.3 Other Information

§ A.1.3.1 How many years has your organization been in business?

§ A.1.3.2 How many full-time employees work for your organization?

§ A.1.3.3 List your North American Industry Classification System (NAICS) codes and titles. Specify which is your primary NAICS code.

§ A.1.3.4 Indicate whether your organization is certified as a governmentally recognized special business class, such as a minority business enterprise, woman business enterprise, service disabled veteran owned small business, woman owned small business, small business in a HUBZone, or a small disadvantaged business in the 8(a) Business Development Program. For each, identify the certifying authority and indicate jurisdictions to which such certification applies.

§ A.2 EXPERIENCE

§ A.2.1 Complete Exhibit D to describe up to four projects, either completed or in progress, that are representative of your organization's experience and capabilities.

§ A.2.2 State your organization's total dollar value of work currently under contract.

§ A.2.3 Of the amount stated in Section A.2.2, state the dollar value of work that remains to be completed:

§ A.2.4 State your organization's average annual dollar value of construction work performed during the last five years.

§ A.3 CAPABILITIES

§ A.3.1 List the categories of work that your organization typically self-performs.

§ A.3.2 Identify qualities, accreditations, services, skills, or personnel that you believe differentiate your organization from others.

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§ **A.3.3** Does your organization provide design collaboration or pre-construction services? If so, describe those services.

§ **A.3.4** Does your organization use building information modeling (BIM)? If so, describe how your organization uses BIM and identify BIM software that your organization regularly uses.

§ **A.3.5** Does your organization use a project management information system? If so, identify that system.

§ A.4 REFERENCES

§ **A.4.1** Identify three client references:
(Insert name, organization, and contact information)

§ **A.4.2** Identify three architect references:
(Insert name, organization, and contact information)

§ **A.4.3** Identify one bank reference:
(Insert name, organization, and contact information)

§ **A.4.4** Identify three subcontractor or other trade references:
(Insert name, organization, and contact information)

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AIA® Document A305® – 2020 Exhibit B

Financial and Performance Information

This Exhibit is part of the Contractor's Qualification Statement, submitted by and dated the day of in the year
(In words, indicate day, month and year.)

§ B.1 FINANCIAL
§ B.1.1 Federal tax identification number:

§ B.1.2 Attach financial statements for the last three years prepared in accordance with Generally Accepted Accounting Principles, including your organization's latest balance sheet and income statement. Also, indicate the name and contact information of the firm that prepared each financial statement.

§ B.1.3 Has your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management, been the subject of any bankruptcy proceeding within the last ten years?

§ B.1.4 Identify your organization's preferred credit rating agency and identification information.
(Identify rating agency, such as Dun and Bradstreet or Equifax, and insert your organization's identification number or other method of searching your organization's credit rating with such agency.)

§ B.2 DISPUTES AND DISCIPLINARY ACTIONS
§ B.2.1 Are there any pending or outstanding judgments, arbitration proceedings, bond claims, or lawsuits against your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management, or any of the individuals listed in Exhibit A, Section 1.2, in which the amount in dispute is more than $75,000?
(If the answer is yes, provide an explanation.)

§ B.2.2 In the last five years has your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management:
(If the answer to any of the questions below is yes, provide an explanation.)

.1 failed to complete work awarded to it?

.2 been terminated for any reason except for an owners' convenience?

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.3 had any judgments, settlements, or awards pertaining to a construction project in which your organization was responsible for more than $75,000?

.4 filed any lawsuits or requested arbitration regarding a construction project?

§ B.2.3 In the last five years, has your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management; or any of the individuals listed in Exhibit A Section 1.2:
(If the answer to any of the questions below is yes, provide an explanation.)

.1 been convicted of, or indicted for, a business-related crime?

.2 had any business or professional license subjected to disciplinary action?

.3 been penalized or fined by a state or federal environmental agency?

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AIA® Document A305® – 2020 Exhibit C

Project Specific Information

This Exhibit is part of the Contractor's Qualification Statement, submitted by and dated the day of in the year
(In words, indicate day, month and year.)

PROJECT:
(Name and location or address.)

24053 The Commons HCC
Pearl, MS

CONTRACTOR'S PROJECT OFFICE:
(Identify the office out of which the contractor proposes to perform the work for the Project.)

TYPE OF WORK SOUGHT
(Indicate the type of work you are seeking for this Project, such as general contracting, construction manager as constructor, design-build, HVAC subcontracting, electrical subcontracting, plumbing subcontracting, etc.)

CONFLICT OF INTEREST
Describe any conflict of interest your organization, its parent, or a subsidiary, affiliate, or other entity having common ownership or management, or any of the individuals listed in Exhibit A Section 1.2, may have regarding this Project.

§ C.1 PERFORMANCE OF THE WORK
§ C.1.1 When was the Contractor's Project Office established?

§ C.1.2 How many full-time field and office staff are respectively employed at the Contractor's Project Office?

§ C.1.3 List the business license and contractor license or registration numbers for the Contractor's Project Office that pertain to the Project.

§ C.1.4 Identify key personnel from your organization who will be meaningfully involved with work on this Project and indicate (1) their position on the Project team, (2) their office location, (3) their expertise and experience, and (4) projects similar to the Project on which they have worked.

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§ C.1.5 Identify portions of work that you intend to self-perform on this Project.

§ C.1.6 To the extent known, list the subcontractors you intend to use for major portions of work on the Project.

§ C.2 EXPERIENCE RELATED TO THE PROJECT

§ C.2.1 Complete Exhibit D to describe up to four projects performed by the Contractor's Project Office, either completed or in progress, that are relevant to this Project, such as projects in a similar geographic area or of similar project type. If you have already completed Exhibit D, but want to provide further examples of projects that are relevant to this Project, you may complete Exhibit E.

§ C.2.2 State the total dollar value of work currently under contract at the Contractor's Project Office:

§ C.2.3 Of the amount stated in Section C.2.2, state the dollar value of work that remains to be completed:

§ C.2.4 State the average annual dollar value of construction work performed by the Contractor's Project Office during the last five years.

§ C.2.5 List the total number of projects the Contractor's Project Office has completed in the last five years and state the dollar value of the largest contract the Contractor's Project Office has completed during that time.

§ C.3 SAFETY PROGRAM AND RECORD

§ C.3.1 Does the Contractor's Project Office have a written safety program?

§ C.3.2 List all safety-related citations and penalties the Contractor's Project Office has received in the last three years.

§ C.3.3 Attach the Contractor's Project Office's OSHA 300a Summary of Work-Related Injuries and Illnesses form for the last three years.

§ C.3.4 Attach a copy of your insurance agent's verification letter for your organization's current workers' compensation experience modification rate and rates for the last three years.

§ C.4 INSURANCE

§ C.4.1 Attach current certificates of insurance for your commercial general liability policy, umbrella insurance policy, and professional liability insurance policy, if any. Identify deductibles or self-insured retentions for your commercial general liability policy.

§ C.4.2 If requested, will your organization be able to provide property insurance for the Project written on a builder's risk "all-risks" completed value or equivalent policy form and sufficient to cover the total value of the entire Project on a replacement cost basis?

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§ C.4.3 Does your commercial general liability policy contain any exclusions or restrictions of coverage that are prohibited in AIA Document A101-2017, Exhibit A, Insurance A.3.2.2.2? If so, identify.

§ C.5 SURETY

§ C.5.1 If requested, will your organization be able to provide a performance and payment bond for this Project?

§ C.5.2 Surety company name:

§ C.5.3 Surety agent name and contact information:

§ C.5.4 Total bonding capacity:

§ C.5.5 Available bonding capacity as of the date of this qualification statement:

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Additions and Deletions Report for

AIA® Document A305® – 2020 Exhibit C

This Additions and Deletions Report, as defined on page 1 of the associated document, reproduces below all text the author has added to the standard form AIA document in order to complete it, as well as any text the author may have added to or deleted from the original AIA text. Added text is shown underlined. Deleted text is indicated with a horizontal line through the original AIA text.

Note: This Additions and Deletions Report is provided for information purposes only and is not incorporated into or constitute any part of the associated AIA document. This Additions and Deletions Report and its associated document were generated simultaneously by AIA software at 09:27:24 ET on 09/09/2025.

PAGE 1

24053 The Commons HCC
Pearl, MS

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AIA® Document A305® – 2020 Exhibit D

Contractor's Past Project Experience

	1	2	3	4
PROJECT NAME				
PROJECT LOCATION				
PROJECT TYPE				
OWNER				
ARCHITECT				
CONTRACTOR'S PROJECT EXECUTIVE				
KEY PERSONNEL (include titles)				
PROJECT DETAILS	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work
PROJECT DELIVERY METHOD	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:
SUSTAINABILITY CERTIFICATIONS				

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User Notes: (3B9ADA55)

AIA® Document A305® – 2020 Exhibit E

Contractor's Past Project Experience, Continued

	1	2	3	4
PROJECT NAME				
PROJECT LOCATION				
PROJECT TYPE				
OWNER				
ARCHITECT				
CONTRACTOR'S PROJECT EXECUTIVE				
KEY PERSONNEL (include titles)				
PROJECT DETAILS	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work	Contract Amount Completion Date % Self-Performed Work
PROJECT DELIVERY METHOD	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:	☐ Design-bid-build ☐ Design-build ☐ CM constructor ☐ CM advisor ☐ Other:
SUSTAINABILITY CERTIFICATIONS				

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User Notes: (3B9ADA51)

BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

Corporate Office
551 Sunnybrook Road
Ridgeland, MS 39157
Phone: (601) 856-9911
Fax: (601) 853-2077

Mailing Address
Post Office Box 12828
Jackson, MS 39236

www.bcdgeo.com

Materials Laboratory
278 Commerce Park Drive
Ridgeland, MS 39157
Phone: (601) 856-2332
Fax: (601) 856-3552

August 29, 2025

Dean Architecture
661 Sunnybrook Road, Suite 140
Ridgeland, Mississippi 39157

Project No. 250502

Attention: Kenneth A. Oubre, AIA, LEED AP

Re: Supplemental Geotechnical Exploration and Recommendations
Proposed Redi-Rock Gravity Retaining Wall
The Commons – Hinds Community College – Pearl Campus
Rankin County, Mississippi

Gentlemen:

This letter report summarizes the supplemental subsurface exploration, laboratory testing, and engineering analyses performed by Burns Cooley Dennis, Inc. (BCD) to develop recommendations for the Redi-Rock gravity retaining wall along the western boundary of the development. The proposed retaining wall will have a maximum exposed height of about 8 ft and will be approximately 323 ft long. The retaining wall will be constructed in a cut situation, allowing the grade to be lowered adjacent to the western property line for the project.

BCD previously performed a geotechnical exploration for the proposed Commons development. The results of that exploration are presented in BCD Report No. 250073 dated April 25, 2025. Unfortunately, the borings drilled in March 2025 that are located in the vicinity of the proposed retaining wall were only 6 ft deep. Thus, two 35-ft deep borings (designated B-47 and B-48) were drilled as part of this supplemental exploration along the proposed retaining wall alignment at the locations shown on Figure 1.

Our proposed scope of services for this project includes the following:

- Drilling and sampling two supplemental borings (B-47 and B-48) along the proposed retaining wall alignment;
- Performing laboratory tests on selected soil samples to investigate strengths, classifications, and moisture contents of soils encountered in the borings;
- Evaluating the geotechnical and survey information and performing evaluations/analyses to develop geotechnical recommendations related to design and construction of the proposed retaining wall; and
- Preparing a geotechnical letter report.

Geotechnical Exploration

BCD advanced two borings (B-47 and B-48) at the site on August 21, 2025. The approximate locations of the borings are presented on Figure 1. Both borings were advanced to a depth of 35 ft with a track-mounted drill rig.

All soils encountered in the borings were classified in general accordance with the Unified Soil Classification System (USCS). A synopsis of the USCS is presented on Figure 2 along with the symbols and terminology typically utilized on graphical logs. Graphical logs of the borings are presented on Figures 3 and 4. The graphical logs illustrate the types of soil and stratification encountered with depth below the existing ground surface at the boring locations. Approximate GPS coordinates for the boring locations as determined by our drilling personnel using a hand-held device are shown at the bottom of the graphical log within the "Comments" section. Ground elevations at the boring locations were estimated from the topographical map, and should be considered approximate.

All soils encountered during drilling were classified in the field by a geotechnical engineering technician. Disturbed samples were obtained at 3-ft to 5-ft depth intervals in the borings by driving a standard 2-in. O.D. split-spoon sampler 18 in. into the soil encountered in the boring with a 140-lb hammer falling a distance of 30 in. The depths at which split-spoon samples were taken are indicated by cross-slashed symbols under the "Samples" column of the graphic boring log. The number of blows required to drive the split-spoon sampler each 6-in. increment (total of 18 in. of penetration) is recorded under the "Field SPT Data" column of the graphic boring log. An automatic hammer was used for standard penetration test (SPT) testing. The SPT blow count required to penetrate the last foot (sum of the second and third blow count values) is considered the N_{60} value and is plotted as a small circled "x" in the data section of the graphic boring log after applying a correction factor for hammer energy. Disturbed auger cutting samples were taken near the ground surface in the borings. The depth at which the auger cutting sample was taken is illustrated as small I-shaped symbols under the "Samples" column of the graphic boring log. Representative portions of the split-spoon samples and the auger cutting sample were sealed in jars to provide material for visual examination and testing in the laboratory. Unless other disposition is required, we routinely discard soil samples after about six months of storage. The boreholes were filled with cement-bentonite grout after completion of drilling and sampling.

Observations were made continuously during dry augering to detect free groundwater entering the open boreholes. Notes pertaining to groundwater observations are included at the bottom right corner of the graphic boring logs.

Laboratory Investigation

All of the soil samples were examined in the laboratory and tests were performed on selected soil samples to verify field classifications. Minus No. 200 sieve tests were performed to assist in classifying sands. The percentages of fines resulting from the tests are tabulated at the appropriate depths under the "% Passing No. 200 Sieve" column of the graphic boring logs.

Water content tests were performed on samples to corroborate field classifications and to extend the usefulness of the field SPT blow count data. The results of the water content tests are plotted as small shaded circles in the data section of the graphic boring logs. The water content data have been interconnected on the logs to illustrate a continuous profile with depth.

Subsurface Conditions

Subsurface soils encountered within the 35-ft completion depth of the borings made for this exploration consist of medium dense fine sands (SP, SP-SM and SM). The medium dense sands (SP, SP-SM, and SM) are considered to have moderate strength and low compressibility. The sands (SP, SP-SM, and SM) have no potential for shrinking and swelling.

Observations were made continuously during auger drilling of the borings in an attempt to detect free water in the boreholes. Free water was noted in B-47 at a depth of 28.5 ft, and at a depth of 26 ft in B-48.

Engineering Analyses and Recommendations

Based on our review of preliminary drawings provided by McMaster & Associates, Inc., we understand that the retaining wall will consist of a Redi-Rock gravity wall with a maximum exposed height of about 8 ft.

We recommend the following soil parameters be used in the design of the retaining wall.

Description	φ′ (deg)	c′ (psf)	γ (pcf)	Ultimate Bearing Capacity (psf)
Natural Site Soils (SP, SP-SM, SM)	32°	0	120	5700
Sand Backfill (SP, SW)	34°	0	120	NA
Crushed Stone Leveling Pad	40°	0	125	NA

A temporary excavation slope will be required along the western property boundary to construct the retaining wall. We recommend a maximum 1.25H:1V slope be used for the temporary cut extending from the rear of the base of the lowest Redi-Rock block to the existing ground surface. The lower block of the retaining wall should be underlain by a minimum 1-ft thick layer of crushed stone to serve as a leveling pad. The select backfill for the wall should consist of free-draining sand (SP or SW), and a 1-ft wide layer of #57 coarse aggregate should be placed immediately behind the large block wall. The select backfill should be covered with a minimum 1-ft thick layer of sandy or silty clay (CL) having a liquid limit less than 45 and a plasticity index in the range of 10 to 24. Wall backfill should be placed in 9-in. thick loose horizontal lifts and compacted to not less than 95 percent of the maximum standard Proctor dry density within 3 percent of the optimum moisture content. Fill placed within 3 ft of the retaining wall should be placed in 5-in. maximum loose lifts and compacted using hand-held compactors.

Report Limitations

The analyses, conclusions, and recommendations discussed in this report are based on conditions as they existed at the time of our field explorations and further on the assumption that the exploratory borings are representative of subsurface conditions throughout the areas investigated. It should be noted that actual subsurface conditions between and beyond the borings might differ from those encountered at the boring locations. If subsurface conditions are encountered during construction that vary from those discussed in this report, Burns Cooley Dennis, Inc. should be notified immediately in order that we may evaluate the effects, if any, on retaining wall design and construction.

Burns Cooley Dennis, Inc. should be retained for a general review of final design drawings and specifications. It is advised that we be retained to observe earthwork construction for the project in order to help confirm that our recommendations are valid or to modify them accordingly. Burns Cooley Dennis, Inc. cannot assume responsibility or liability for the adequacy of recommendations if we do not observe construction.

This report has been prepared for the exclusive use of Dean Architecture and McMaster & Associates, Inc. for specific application to the geotechnical-related aspects of design and reconstruction of the retaining wall for The Commons at the Hinds Community College – Pearl Campus in Rankin County, Mississippi. The only warranty made by us in connection with the services provided is we have used that degree of care and skill ordinarily exercised under similar conditions by reputable members of our profession practicing in the same or similar locality. No other warranty, express or implied, is made or intended.

In closing, we appreciate the opportunity to be of service. If you have any questions or comments, please do not hesitate us.

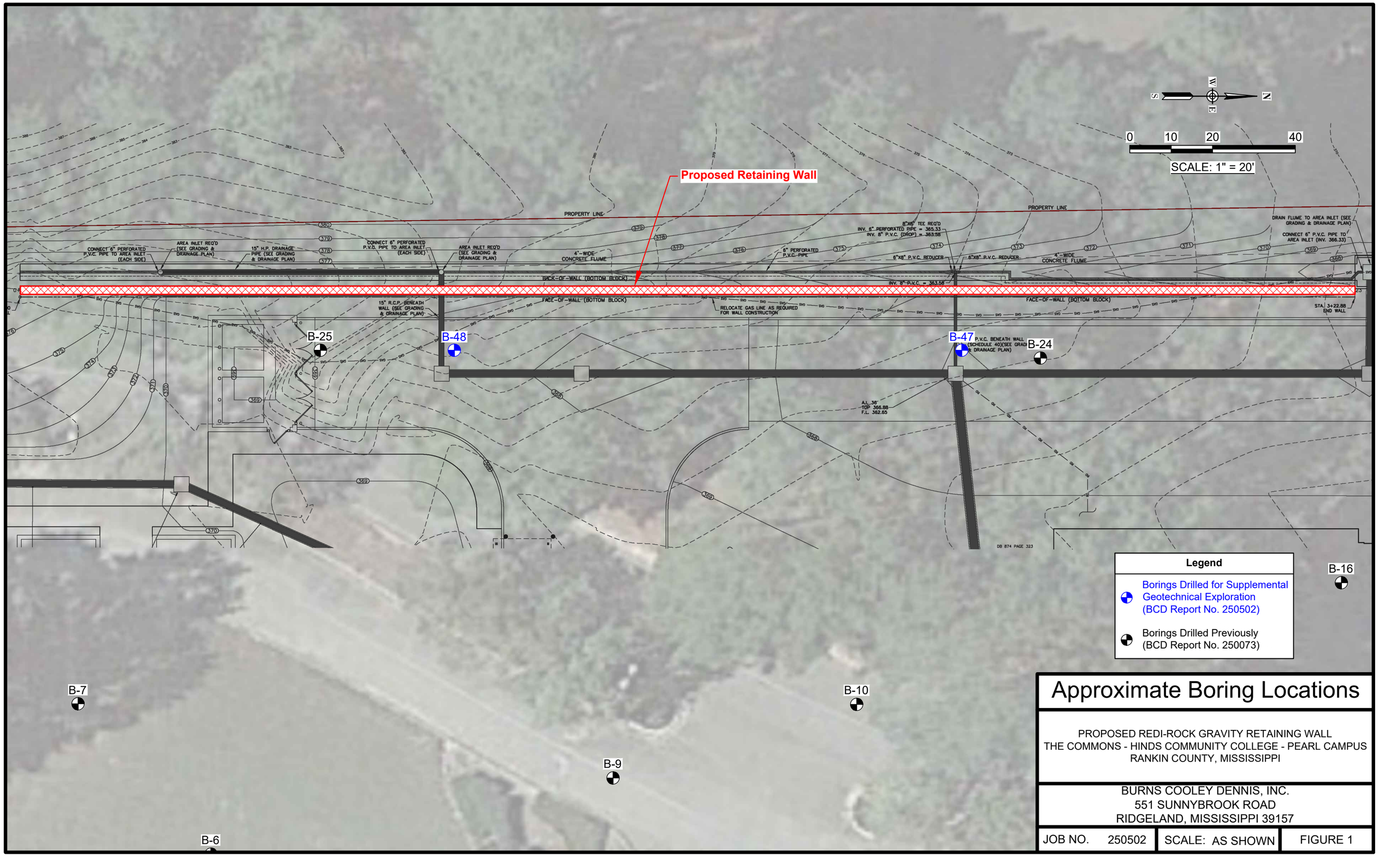
Very truly yours,

BURNS COOLEY DENNIS, INC.

Bradley D. Campbell, P.E.

BRADLEY D. CAMPBELL LICENSED PROFESSIONAL ENGINEER 12324 STATE OF MISSISSIPPI

BDC/khb
Copy Submitted: (via e-mail)
Copy To: Jonathan Henry, P.E. (M&A)



Legend

- Borings Drilled for Supplemental Geotechnical Exploration (BCD Report No. 250502)
- Borings Drilled Previously (BCD Report No. 250073)

Approximate Boring Locations

PROPOSED REDI-ROCK GRAVITY RETAINING WALL
THE COMMONS - HINDS COMMUNITY COLLEGE - PEARL CAMPUS
RANKIN COUNTY, MISSISSIPPI

BURNS COOLEY DENNIS, INC.
551 SUNNYBROOK ROAD
RIDGELAND, MISSISSIPPI 39157

JOB NO. 250502	SCALE: AS SHOWN	FIGURE 1

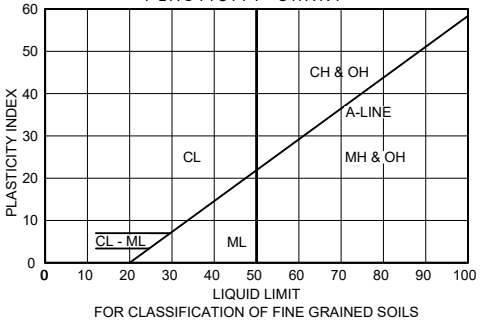
UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			SYMBOL & LETTER	DESCRIPTION
COARSE-GRAINED SOILS: More than half of material larger than No. 200 sieve size	GRAVELS: More than half of coarse fraction larger than No.4 sieve size	Clean Gravels (Little or no fines)	GW	WELL GRADED GRAVEL, GRAVEL-SAND MIXTURE
			GP	POORLY GRADED GRAVEL, GRAVEL-SAND MIXTURE
		Gravels with fines (Appreciable amount of fines)	GM	SILTY GRAVEL, GRAVEL-SAND-SILT MIXTURE
			GC	CLAYEY GRAVEL, GRAVEL-SAND-CLAY MIXTURE
	SANDS: More than half of coarse fraction smaller than No.4 sieve size	Clean Sands (Little or no fines)	SW	WELL GRADED SAND, GRAVELLY SAND
			SP	POORLY GRADED SAND, GRAVELLY SAND
		Sands with fines (Appreciable amount of fines)	SM	SILTY SAND, SAND-SILT MIXTURE
			SP-SM	SLIGHTLY SILTY SAND
			SC	CLAYEY SAND, SAND-CLAY MIXTURE
FINE-GRAINED SOILS: More than half of material smaller than No. 200 sieve size	SILTS AND CLAYS	Liquid limit less than 50	ML	SILT WITH LITTLE OR NO PLASTICITY
			ML	CLAYEY SILT, SILT WITH SLIGHT TO MEDIUM PLASTICITY
			ML	SANDY SILT
			CL	SILTY CLAY, LOW TO MEDIUM PLASTICITY
			CL	SANDY CLAY, LOW TO MEDIUM PLASTICITY (30% TO 50% SAND)
	SILTS AND CLAYS	Liquid limit greater than 50	MH	SILT, FINE SANDY OR SILTY SOIL WITH HIGH PLASTICITY
			CH	CLAY, HIGH PLASTICITY
			OH	ORGANIC CLAY OR SILT OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOIL
SEDEMENTARY ROCK TYPES:			LS	LIMESTONE
			MARL	MARL

TERMS CHARACTERIZING SOIL STRUCTURE

Slickensided	- Clays with polished and striated planes created as a result of volume changes related to shrinking, swelling and/or changes in overburden pressure.
Fissured	- Clays with a blocky or jointed structure generally created by seasonal shrinking and swelling.
Laminated	- Composed of thin alternating layers of varying color and texture.
Calcareous	- Containing appreciable quantities of calcium carbonate.
Parting	- Paper thin (less than 1/8 inch).
Seam	- 1/8 inch to 3 inch thickness.
Layer	- Greater than 3 inches in thickness.

PLASTICITY CHART



FOR CLASSIFICATION OF FINE GRAINED SOILS

DENSITY AND CONSISTENCY

COARSE-GRAINED SOILS

DENSITY	PENETRATION RESISTANCE, N Blows per Foot
Very Loose	0 - 4
Loose	5 - 10
Medium Dense	11 - 30
Dense	31 - 50
Very Dense	>50

FINE-GRAINED SOILS

CONSISTENCY	COHESION Kips/Sq. Ft	PENETRATION RESISTANCE, N Blows per Foot
Very Soft	<0.25	0 - 1
Soft	0.25 - 0.50	2 - 4
Medium Stiff	0.50 - 1.00	5 - 8
Stiff	1.00 - 2.00	9 - 15
Very Stiff	2.00 - 4.00	16 - 30
Hard	>4.00	>30

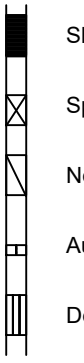
PARTICLE SIZE IDENTIFICATION

Cobbles	- Greater than 3 inches
Gravel	- Coarse - 3/4 inch to 3 inches Fine - 4.76 mm to 3/4 inch
Sand	- Coarse - 2 mm to 4.76 mm Medium - 0.42 mm to 2 mm Fine - 0.074 mm to 0.42 mm
Silt & Clay	- Less than 0.074 mm

RELATIVE COMPOSITION

Slightly	5 - 15%
With	16 - 29%
Sandy	30 - 50%
(or Gravelly)	

SAMPLE TYPES
(Shown in Sample Column)



- Shelby Tube
- Split Spoon
- No Recovery
- Auger
- Dennison Barrel

CLASSIFICATION, SYMBOLS AND TERMS USED ON GRAPHICAL BORING LOGS

LOG OF BORING NO. 47

PROPOSED REDI-ROCK GRAVITY RETAINING WALL
THE COMMONS - HINDS COMMUNITY COLLEGE - PEARL CAMPUS
RANKIN COUNTY, MISSISSIPPI

TYPE: 4" Short-flight auger

LOCATION: See Figure 1

DEPTH, ft	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	FIELD SPT DATA	DRY DENSITY LBS/CU FT	○ - UC, Cohesion, kips/sq ft (1–4), △ - UU; SPT (N_{60}); PLASTIC LIMIT; WATER CONTENT % (20–80); LIQUID LIMIT	% PASSING NO. 200 SIEVE
			SURFACE EL: 373 ±ft				
			Medium dense red and tan silty fine sand (SM)	5-7-8		4.0, 21, 4.5	14.7
5			Medium dense tan and light gray fine sand (SP)	3-6-7		18, 3.0	4.1
			- tan and red below 8'	3-5-8		18, 5.2	
10							
			Medium dense tan and red fine sand (SP-SM), slightly silty	5-6-11		24, 6.0	5.5
15							
			- with clay pockets below 18'	4-5-7		17, 10.5	
20							
				2-5-7		17, 21.3	8.5
25							
				3-6-9		21, 24.3	
30							
				3-8-12		28, 31.3	11.6
35							
			Note: SPT performed using a calibrated Auto-Hammer. An energy correction factor of 1.42 is applied to calculate the plotted N_{60} values.				
40							

BORING DEPTH: 35 ft

DATE: 08/21/25

COMMENTS: Borehole filled with cement-bentonite grout after completion of drilling and sampling.
GPS Coordinates
N 32° 16' 56.6"
W 90° 5' 23.6"

GROUNDWATER DATA: Free water encountered at an approximate depth of 28.5' during auger drilling.

250502.GPJ

BURNS COOLEY DENNIS, INC.
GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

FIGURE 3

LOG OF BORING NO. 48

PROPOSED REDI-ROCK GRAVITY RETAINING WALL
THE COMMONS - HINDS COMMUNITY COLLEGE - PEARL CAMPUS
RANKIN COUNTY, MISSISSIPPI

TYPE: 4" Short-flight auger

LOCATION: See Figure 1

SURFACE EL: 378 ±ft

DEPTH, ft	DESCRIPTION OF MATERIAL	FIELD SPT DATA	% PASSING NO. 200 SIEVE
0	Medium dense tan and light gray fine sand (SP-SM), slightly silty		
	- with roots to 3'	2-4-7	6.0
5	- with clay pockets 4' - 13'		
	- tan and red below 4'	5-5-6	
10		3-4-6	6.2
15		4-6-8	
20		6-9-10	6.4
	- with clay pockets 23' - 28'		
25		5-7-9	
30		3-4-7	5.6
35		3-7-13	
40			

Note: SPT performed using a calibrated Auto-Hammer. An energy correction factor of 1.42 is applied to calculate the plotted N_{60} values.

DRY DENSITY LBS/CU FT

○ - UC Cohesion, kips/sq ft △ - UU

1 2 3 4

SPT (N_{60}) ⊗ PLASTIC LIMIT + WATER CONTENT % ● LIQUID LIMIT +

20 40 60 80

4.6 16 2.8 16 4.9 14 2.4 20 6.4 27 7.0 23 13.7 16 29.9 28 24.8

BORING DEPTH: 35 ft

DATE: 08/21/25

COMMENTS: Borehole filled with cement-bentonite grout after completion of drilling and sampling.
GPS Coordinates
N 32° 16' 55.3"
W 90° 5' 23.4"

GROUNDWATER DATA: Free water encountered at an approximate depth of 26' during auger drilling.

250502.GPJ

BURNS COOLEY DENNIS, INC.
GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

FIGURE 4

PROPOSAL FORM
SECTION 00 42 00

TO: HINDS COMMUNITY COLLEGE DISTRICT
c/o Office of the Director of Purchasing
D.G. "Sonny" Fountain Hall
608 Hinds Boulevard, Room 208
(Post Office Box 1100)
Raymond, Mississippi 39154

RE: Project Title: "The Commons" Buildings
Campus: Rankin
HINDS COMMUNITY COLLEGE DISTRICT (Community College Board)
Location: Pearl, Mississippi
HCC Bid #3307 Professional's Project # 24053

I propose to complete all work in accordance with the Project Manual and Drawings within 500 consecutive calendar days for the sum of: (Anticipated start date of November 19, 2025 with substantial completion by April 3, 2027.)

BASE BID: (Write in the amount of the base bid in words and numbers. The written word shall govern.)

_____
Dollars ($_____)

ALTERNATES: (Write in the amount for all the alternates in words and numbers. The written word shall govern.)

Alternate #1 (X) Adds ( ) Deducts

_____
Dollars ($_____)
Description: All work associated with the food service and kitchen building as shown on the drawings.

_____
Alternate #2 (X) Adds ( ) Deducts

_____
Dollars ($_____)
Description: All work associated with the gymnasium/wellness building as shown on the drawings.

_____

Alternate #3 ( ) Adds ( ) Deducts **Not Applicable**

_____
Dollars ($_____)

UNIT COST LIST:
Provide unit prices for the items listed below. Cost for additional quantities over and above those listed in the construction documents shall be calculated based upon these unit costs and amounts incorporated into the contract in accordance with Section 012600.

ITEM DESCRIPTION – UNIT PRICE:
1. Excess Excavation (Haul Offsite) $_____per cubic yard
2. Imported Select Fill (In-place) $_____per cubic yard
3. Temporary Silt Fence (Type 1) AOS 0.15-0.84) $_____per linear foot
4. Flowable Fill $_____per cubic yard

ADDENDA ACKNOWLEDGEMENT: (date below can be the date Addendum was issued OR the date Addendum was received by the Bidder)

No. _____ No. _____ No. _____

No. _____ No. _____ No. _____

ACCEPTANCE:

I certify that I am authorized to enter into a binding contract, if this Proposal is accepted.

Signature:_____ Date: _____
Name and Title: _____
Name of Business: _____
Complete spelling of bidder's name and address – exactly as recorded at the Secretary of State.
[**http://www.sos.state.ms.us/busserv/corp/soskb/csearch.asp**] which should be the same as you applied for at the Mississippi State Board of Contractors [**http://www.msboc.us/Search2.CFM**]
(**PLEASE LOOK IT UP at SoS. SoS rules when the 2 are different**.)
Address: _____ (Mailing)
Address: _____ (Physical)
City / State / Zip Code: _____ County: _____
Telephone: _____ FAX: _____ E-Mail: _____

MINORITY BUSINESS ENTERPRISE? **Yes** _____ **No** _____ (to assist with Code 57-1-57)

* *

- **Bidder's Certificate of Responsibility Number(s): (Mechanical/ Electrical/ Plumbing is listed below)**

  _____
  _____

* *

- **Attach copy of Non-Resident Bidder's Preference Law (5.04 of Bidder's Checklist**

* *

- **Mechanical / Plumbing / Electrical Sub-Contractors:**
  Regarding said Divisions of the Specifications of the Standard Form of Agreement Between the Owner and the Contractor: List any Mechanical / Plumbing and / or Electrical Sub-Contractors that will perform work of this contract regardless of cost even for under $50,000.00. COR must be included where sub-contract exceeds $50,000.00. If no sub-contractor is listed, and such work is within scope of contract, bidder's own COR classification(s) must be sufficient to self-perform any such work. If no sub-contractor is listed, then use of sub-contractor to perform such scope will not be permitted. This is in accordance with 5.05 and 5.06 of the Bidder's Checklist.

Mechanical Sub-Contractor: _____ **Certificate of Responsibility Number:** _____

Plumbing Sub-Contractor: _____ **Certificate of Responsibility Number:** _____

Electrical Sub-Contractor: _____ **Certificate of Responsibility Number:** _____

***** END OF SECTION *****

DOOR HARDWARE SCHEDULE "A"

Hardware Set 1 Package A

Doors: EX01, EX02, EX04

Each to Receive:

1	EA	Mortise Lock	45H7TD 16J 626 Patented	Stanley Security

Existing door & frame. Balance of existing hardware is to remain.

Hardware Set 2

Doors: EX03

Each to Receive:

1	EA	Mortise Lock	45H7TD 16J 626 Patented	Stanley Security

Existing door & frame. Balance of existing hardware is to remain.

Hardware Set 3

Doors: EX05

Each to Receive:

6	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
2	EA	Flush Bolt	555 US26D	Rockwood
1	EA	Mortise Lock	45H7TD 16J 626 Patented	Stanley Security
2	EA	Surface Closer	HD8016 DST PC SNDTPK80 689	Stanley Security
2	EA	Kick Plate	K1050 10" x 28" US32D	Rockwood
1	EA	Threshold	896V x 72"	National Guard
1	EA	Gasketing	160V x 72" x 84"	National Guard
2	EA	Sweep	101VA x 36"	National Guard
1	EA	Astragal	139SP x 84"	National Guard

Existing door & frame.

Hardware Set 4

Doors: 100A

Each to Receive:

2	EA	Continuous Hinge	HD1100A EPT 83"	National Guard
2	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Mullion	KR822 689	Stanley Security
1	EA	Rim Exit Device	MLR TS 2401 No Trim 630	Stanley Security
1	EA	Rim Exit Device	MLR TS 2403 No Trim 630	Stanley Security
2	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
		Keyswitch		
2	EA	Door Pull	RM3311-36 US32D	Rockwood
1	EA	Automatic Operator	SW200I (Pair) 689	Besam
2	EA	Door Contact	947-75 White	Honeywell
2	EA	Actuator	CM-324	Supplied by Others
		Hard Wired		
1	EA	Keyswitch	MKA	Securitron
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Post	BPS6DV	Security Door Controls
1	EA	A/V Intercom	JPS-4AEDV	Aiphone
1	EA	Power Supply	AQD4-8F8R2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 5

Doors: 100 (ALT1), 100B, 108

Each to Receive:

2	EA	Continuous Hinge	HD1100A EPT 83"	National Guard
2	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Mullion	KR822 689	Stanley Security
1	EA	Rim Exit Device	MLR TS 2401 No Trim 630	Stanley Security
1	EA	Rim Exit Device	MLR TS 2403 No Trim 630	Stanley Security
2	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Mortise Cylinder Keyswitch	1E-74 C4 RP3 626 Patented	Stanley Security
2	EA	Door Pull	RM3311-36 US32D	Rockwood
1	EA	Automatic Operator	SW200I (Pair) 689	Besam
2	EA	Door Contact	947-75 White	Honeywell
2	EA	Actuator	CM-324	Supplied by Others
1	EA	Hard Wired Keyswitch	MKA	Securitron
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD4-8F8R2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 6

Doors: 105A, 105B

Each to Receive:

2	EA	Continuous Hinge	HD1100A EPT 83"	National Guard
2	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Mullion	KR822 689	Stanley Security
1	EA	Rim Exit Device	MLR TS 2401 No Trim 630	Stanley Security
1	EA	Rim Exit Device	MLR TS 2403 No Trim 630	Stanley Security
2	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Door Pull	RM3311-36 US32D	Rockwood
2	EA	Surface Closer	HD8016 AF80J PC SNDTPK80 BP80 689	Stanley Security
2	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD4-8F8R2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 7

Doors: N115, S115

Each to Receive:

6	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
2	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Mullion	KR822 600	Stanley Security
1	EA	Rim Exit Device	MLR TS 2101 No Trim 630	Stanley Security
1	EA	Rim Exit Device	MLR TS 2103 No Trim 630	Stanley Security
2	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Door Pull	RM3311-36 US32D	Rockwood
2	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
2	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 72"	National Guard
2	EA	Gasketing	160V x 36" x 84"	National Guard
2	EA	Sweep	101VA x 36"	National Guard
2	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD4-8F8R2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 8

Doors: 118

Each to Receive:

1	EA	Continuous Hinge	HD1100A EPT 83"	National Guard
1	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Rim Exit Device	MLR TS 2403 No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Door Pull	RM3311-36 US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80J PC SNDTPK80 BP80 689	Stanley Security
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2-8F8R2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 9

Doors: 107B (ALT1)

Each to Receive:

1	EA	Continuous Hinge	HD1100A 83"	National Guard
1	EA	Rim Exit Device	2403 CD No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
1	EA	Door Pull	RM3311-36 US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80J PC SNDTPK80 BP80 689	Stanley Security
1	EA	Door Contact	947-75 White	Honeywell

Balance of hardware to be provided by the aluminum door supplier.

Hardware Set 10

Doors: 108 (ALT1)

Each to Receive:

6	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
2	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Mullion	KR822 600	Stanley Security
1	EA	Rim Exit Device	MLR TS 2101 No Trim 630	Stanley Security
1	EA	Rim Exit Device	MLR TS 2103 No Trim 630	Stanley Security
2	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Door Pull	BF157 US32D	Rockwood
2	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
2	EA	Armor Plate	K1050 34" x 34" US32D	Rockwood
1	EA	Threshold	896V x 72"	National Guard
2	EA	Gasketing	160V x 36" x 84"	National Guard
2	EA	Sweep	101VA x 36"	National Guard
2	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	A/V Intercom	JPS-4AEDV	Aiphone
1	EA	Power Supply	AQD4-8F8R2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 11

Doors: 112A (ALT1)

Each to Receive:

6	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
1	EA	Electric Power Transfer	EPT-12C	Stanley Security
2	EA	Flush Bolt	555 US26D	Rockwood
1	EA	Mortise Exit Device	MLR TS 2303 M4903B 630	Stanley Security
1	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
2	EA	Surface Closer	HD8016 DST PC SNDTPK80 689	Stanley Security
2	EA	Armor Plate	K1050 34" x 34" US32D	Rockwood
1	EA	Threshold	896V x 72"	National Guard
1	EA	Gasketing	160V x 72" x 84"	National Guard
2	EA	Sweep	101VA x 36"	National Guard
1	EA	Astragal	139SP x 84"	National Guard
2	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	A/V Intercom	JPS-4AEDV	Aiphone
1	EA	Power Supply	AQD4-8F8R2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 12

Doors: 117 (ALT1)

Each to Receive:

6	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
2	EA	Flush Bolt	555 US26D	Rockwood
1	EA	Mortise Lock	45H7TD 16J 626 Patented	Stanley Security
2	EA	Surface Closer	HD8016 DST PC SNDTPK80 689	Stanley Security
2	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 72"	National Guard
1	EA	Gasketing	160V x 72" x 84"	National Guard
2	EA	Sweep	101VA x 36"	National Guard
1	EA	Astragal	139SP x 84"	National Guard
2	EA	Door Contact	947-75 White	Honeywell

Hardware Set 13

Doors: 119A (ALT1), 119B (ALT1)

Each to Receive:

3	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
1	EA	Rim Exit Device	2103 4903B 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 DST PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 36"	National Guard
1	EA	Gasketing	160V x 36" x 84"	National Guard
1	EA	Sweep	101VA x 36"	National Guard
1	EA	Door Contact	947-75 White	Honeywell

Hardware Set 14

Doors: 118 (ALT1)

Each to Receive:

3	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
1	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Electrified Mortise Lock	45HW7DEU 16J 626 RQE	Stanley Security
1	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 36"	National Guard
1	EA	Gasketing	160V x 36" x 84"	National Guard
1	EA	Sweep	101VA x 36"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 15

Doors: 120 (ALT1)

Each to Receive:

3	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
1	EA	Mortise Lock	45H7TD 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 DST PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 36"	National Guard
1	EA	Gasketing	160V x 36" x 84"	National Guard
1	EA	Sweep	101VA x 36"	National Guard
1	EA	Door Contact	947-75 White	Honeywell

Hardware Set 16

Doors: 104, 207, 208, 302A, 302B, 304

Each to Receive:

1	EA	Continuous Hinge	HD1100A 83"	National Guard
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Electric Strike	1006CLB 630	HES
1	EA	SMART Pac Bridge Rectifier	2005M3	HES
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Door Stop	441H US26D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 17

Doors: 106, 206, 306

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7R 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Armor Plate	K1050 34" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Threshold	513 x 36"	National Guard
1	EA	Gasketing	5050B x 48" x 96"	National Guard
1	EA	Sweep	200NA x 36"	National Guard

Hardware Set 18

Doors: 107A, 107B

Each to Receive:

1	EA	Continuous Hinge	HD1100A 83"	National Guard
1	EA	Mortise Deadlock	MS1850S 1-1/2" BS 628	Adams Rite
2	EA	Mortise Cylinder	1E-74 C181 RP3 626 Patented	Stanley Security
1	EA	Door Pull	BF157BTB16 US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Wall Stop	409 US32D	Rockwood

Hardware Set 19

Doors: 110, 112

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Electric Strike	1006CLB 630	HES
1	EA	SMART Pac Bridge Rectifier	2005M3	HES
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 20

Doors: 111, 115 (ALT1), 116 (ALT1)

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H0L 16J 626 VIN	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard

Hardware Set 21

Doors: 113A

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Electric Strike	1006CLB 630	HES
1	EA	SMART Pac Bridge Rectifier	2005M3	HES
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2	Securitron
1	EA	Viewer	622 DCRM	Rockwood

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 22

Doors: 113B

Each to Receive:

6	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
2	EA	Single Dummy Trim	45H01DT 16J 626	Stanley Security
2	EA	Deadbolt	8T37KL STK 626	Stanley Security
2	EA	Wall Stop	409 US32D	Rockwood
2	EA	Silencer	608-RKW	Rockwood

Communicating doors.

Hardware Set 23

Doors: 114, 117

Each to Receive:

6	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
2	EA	Roller Latch	591 US26D	Rockwood
2	EA	Door Pull	102-RKW Mtg-Type 1 US32D	Rockwood
4	EA	Door Stop	76306 US26D	McKinney
		Install @ top & bottom hinge		
2	EA	Silencer	608-RKW	Rockwood

Hardware Set 24

Doors: 115, 116

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H0L 16J 626	Stanley Security
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 25

Doors: N100, N101, N102, N103, N104, N105, N106, N107, N108, N109, N110, N111, N112, N113, N200, N201, N202, N203, N204, N205, N206, N207, N208, N209, N210, N211, N212, N213, N300, N301, N302, N303, N304, N305, N306, N307, N308, N309, N310, N311, N312, N313, S100, S101, S102, S103, S104, S105, S106, S107, S108, S109, S110, S111, S112, S113, S200, S201, S202, S203, S204, S205, S206, S207, S208, S209, S210, S211, S212, S213, S214, S215, S216, S217, S300, S301, S302, S303, S304, S305, S306, S307, S308, S309, S310, S311, S312, S313, S314, S315, S316, S317

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7T 16J 626 Patented	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood
1	EA	Viewer	622 DCRM	Rockwood

Hardware Set 26

Doors: N100A, N101A, N102A, N103A, N104A, N105A, N106A, N107A, N108A, N109A, N110A, N111A, N112A, N113A, N200A, N201A, N202A, N203A, N204A, N205A, N206A, N207A, N208A, N209A, N210A, N211A, N212A, N213A, N300A, N301A, N302A, N303A, N304A, N305A, N306A, N307A, N308A, N309A, N310A, N311A, N312A, N313A, S100A, S101A, S102A, S103A, S104A, S105A, S106A, S107A, S108A, S109A, S110A, S111A, S112A, S113A, S200A, S201A, S202A, S203A, S204A, S205A, S206A, S207A, S208A, S209A, S210A, S211A, S212A, S213A, S214A, S215A, S216A, S217A, S300A, S301A, S302A, S303A, S304A, S305A, S306A, S307A, S308A, S309A, S310A, S311A, S312A, S313A, S314A, S315A, S316A, S317A

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H0L 16J 626	Stanley Security
1	EA	Surface Overhead Stop	4424 US32D	Architectural Builders
3	EA	Silencer	608-RKW	Rockwood

DOOR HARDWARE SCHEDULE "A"

Hardware Set 27

Doors: N100B, N100C, N101B, N101C, N102B, N102C, N103B, N103C, N104B, N104C, N105B, N105C, N106B, N106C, N107B, N107C, N108B, N108C, N109B, N109C, N110B, N110C, N111B, N111C, N112B, N112C, N113B, N113C, N200B, N200C, N201B, N201C, N202B, N202C, N203B, N203C, N204B, N204C, N205B, N205C, N206B, N206C, N207B, N207C, N208B, N208C, N209B, N209C, N210B, N210C, N211B, N211C, N212B, N212C, N213B, N213C, N300B, N300C, N301B, N301C, N302B, N302C, N303B, N303C, N304B, N304C, N305B, N305C, N306B, N306C, N307B, N307C, N308B, N308C, N309B, N309C, N310B, N310C, N311B, N311C, N312B, N312C, N313B, N313C, S100B, S100C, S101B, S101C, S102B, S102C, S103B, S103C, S104B, S104C, S105B, S105C, S106B, S106C, S107B, S107C, S108B, S108C, S109B, S109C, S110B, S110C, S111B, S111C, S112B, S112C, S113B, S113C, S200B, S200C, S201B, S201C, S202B, S202C, S203B, S203C, S204B, S204C, S205B, S205C, S206B, S206C, S207B, S207C, S208B, S208C, S209B, S209C, S210B, S210C, S211B, S211C, S212B, S212C, S213B, S213C, S214B, S214C, S215B, S215C, S216B, S216C, S217B, S217C, S300B, S300C, S301B, S301C, S302B, S302C, S303B, S303C, S304B, S304C, S305B, S305C, S306B, S306C, S307B, S307C, S308B, S308C, S309B, S309C, S310B, S310C, S311B, S311C, S312B, S312C, S313B, S313C, S314B, S314C, S315B, S315C, S316B, S316C, S317B, S317C

Each to Receive:

6	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
2	EA	Roller Latch	591 US26D	Rockwood
2	EA	Door Pull	102-RKW Mtg-Type 1 US32D	Rockwood
4	EA	Door Stop	76306 US26D	McKinney
		Install @ top & bottom hinge		
2	EA	Silencer	608-RKW	Rockwood

Hardware Set 28

Doors: N114A, N214, N314, S114A, S218, S318

Each to Receive:

1	EA	Continuous Hinge	HD1100A EPT 83"	National Guard
1	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Rim Exit Device	MLR TS 2403 No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Door Pull	BF157 US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80J PC SNDTPK80 BP80 689	Stanley Security
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2-8F8R2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section

Hardware Set 29

Doors: N114B, S114B

Each to Receive:

6	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
2	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Surface Vert Rod Exit	MLR TS 2201 LBR No Trim 630	Stanley Security
1	EA	Surface Vert Rod Exit	MLR TS 2203 LBR No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Door Pull	BF157 US32D	Rockwood
2	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
2	EA	Armor Plate	K1050 34" x 34" US32D	Rockwood
1	EA	Gasketing	5050B x 72" x 96"	National Guard
2	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD4-8F8R2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 30

Doors: 203, 204, 303, 307, N116, N215, N216, N315, N316, S116, S219, S220, S319, S320

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 31

Doors: N117, N118

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Rim Exit Device	FL 2103 4903B 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard

Hardware Set 32

Doors: NS101, SS101

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Rim Exit Device	FL 2108 4908B 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard

Hardware Set 33

Doors: NS201, NS301, SS201, SS301

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Rim Exit Device	FL 2103 4903B 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	SMART Pac Bridge Rectifier	2005M3	HES
1	EA	Electric Strike	9500 630	HES
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 34

Doors: 102 (ALT1), 103 (ALT1)

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Push Plate	70C-RKW US32D	Rockwood
1	EA	Pull Plate	110x70C US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 35

Doors: 104 (ALT1), 107A (ALT1)

Each to Receive:

2	EA	Mortise Cylinder	1E-74 C181 RP3 626 Patented	Stanley Security

Balance of hardware by the aluminum door supplier.
Contractor to verify the cylinder type & finish.

Hardware Set 36

Doors: 106 (ALT1), 109B (ALT1)

Each to Receive:

4	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Rim Exit Device	2108 4908B 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 40" US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

DOOR HARDWARE SCHEDULE "A"

Hardware Set 38

Doors: 111 (ALT1)

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7AT 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 39

Doors: 112B (ALT1)

Each to Receive:

6	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Surface Vert Rod Exit	2201 CD LBR No Trim 630	Stanley Security
1	EA	Surface Vert Rod Exit	2203 CD LBR No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
2	EA	Door Pull	BF157 US32D	Rockwood
2	EA	Surface Closer	HD8016 DST PC SNDTPK80 689	Stanley Security
2	EA	Armor Plate	K1050 34" x 34" US32D	Rockwood
2	EA	Wall Stop	409 US32D	Rockwood
2	EA	Silencer	608-RKW	Rockwood

Hardware Set 40

Doors: 113A (ALT1), 113B (ALT1)

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7AT 16J 626 Patented	Stanley Security
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 41

Doors: 114 (ALT1)

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

DOOR HARDWARE PACKAGE "B"

Hardware Set 42 Package B

Doors: 000

Each to Receive:

2	EA	Mortise Cylinder	1E-74 C181 RP3 626 Patented	Stanley Security
1	EA	Prox Reader	Badgepass Black	Supplied by Others

Balance of hardware by the aluminum door supplier.
Contractor to verify the cylinder type & finish.

Card reader & access control system to be provided by the bidder of this section.

Electrified locking hardware & power supply to be provided by the door supplier.

Hardware Set 43

Doors: 001A

Each to Receive:

2	EA	Mortise Cylinder	1E-74 C181 RP3 626 Patented	Stanley Security

Balance of hardware by the aluminum door supplier.
Contractor to verify the cylinder type & finish.

Hardware Set 44

Doors: 001B

Each to Receive:

2	EA	Continuous Hinge	HD1100A EPT 83"	National Guard
2	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Mullion	KR822 689	Stanley Security
1	EA	Rim Exit Device	MLR TS 2401 No Trim 630	Stanley Security
1	EA	Rim Exit Device	MLR TS 2403 No Trim 630	Stanley Security
2	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
		Keyswitch		
2	EA	Door Pull	RM3311-36 US32D	Rockwood
1	EA	Automatic Operator	SW200I (Pair) 689	Besam
2	EA	Door Contact	947-75 White	Honeywell
2	EA	Actuator	CM-324	Supplied by Others
		Hard Wired		
1	EA	Keyswitch	MKA	Securitron
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Post	BPS6DV	Security Door Controls
1	EA	Power Supply	AQD4-8F8R2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

DOOR HARDWARE PACKAGE "B"

Hardware Set 44A

Doors: 004

Each to Receive:

2	EA	Continuous Hinge	HD1100A EPT 83"	National Guard
2	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Mullion	KR822 689	Stanley Security
1	EA	Rim Exit Device	MLR TS 2401 No Trim 630	Stanley Security
1	EA	Rim Exit Device	MLR TS 2403 No Trim 630	Stanley Security
2	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Door Pull	RM3311-36 US32D	Rockwood
2	EA	Surface Closer	HD8016 AF80J PC SNDTPK80 BP80 689	Stanley Security
2	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD4-8F8R2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 45

Doors: 008A, 009

Each to Receive:

3	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
1	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Rim Exit Device	MLR TS 2103 No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Door Pull	RM3311-36 US32D	Rockwood
1	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 36"	National Guard
1	EA	Gasketing	160V x 36" x 84"	National Guard
1	EA	Sweep	101VA x 36"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2-8F8R2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

DOOR HARDWARE PACKAGE "B"

Hardware Set 46

Doors: 200A

Each to Receive:

6	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
1	EA	Mullion	KR822 600	Stanley Security
1	EA	Rim Exit Device	2101 CD No Trim 630	Stanley Security
1	EA	Rim Exit Device	2103 CD No Trim 630	Stanley Security
2	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
2	EA	Door Pull	RM3311-36 US32D	Rockwood
2	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
2	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 72"	National Guard
2	EA	Gasketing	160V x 36" x 84"	National Guard
2	EA	Sweep	101VA x 36"	National Guard
2	EA	Door Contact	947-75 White	Honeywell

Hardware Set 47

Doors: 201A, 230, 231

Each to Receive:

3	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
1	EA	Mortise Lock	45H7TD 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 DST PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 36"	National Guard
1	EA	Gasketing	160V x 36" x 84"	National Guard
1	EA	Sweep	101VA x 36"	National Guard
1	EA	Door Contact	947-75 White	Honeywell

Hardware Set 48

Doors: 233A

Each to Receive:

3	EA	Hinge	FBB191 NRP 4-1/2" x 4-1-2" 32D	Stanley Commercial
1	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Electrified Mortise Lock	45HW7DEU 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Threshold	896V x 36"	National Guard
1	EA	Gasketing	160V x 36" x 84"	National Guard
1	EA	Sweep	101VA x 36"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

DOOR HARDWARE PACKAGE "B"

Hardware Set 50

Doors: 003

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7AT 16J 626 Patented	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 51

Doors: 008B

Each to Receive:

2	EA	Continuous Hinge	HD1100A 83"	National Guard
1	EA	Surface Vert Rod Exit	2201 CD LBR No Trim 630	Stanley Security
1	EA	Surface Vert Rod Exit	2203 CD LBR No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
2	EA	Door Pull	BF157 US32D	Rockwood
2	EA	Surface Closer	HD8016 AF80J PC SNDTPK80 BP80 689	Stanley Security
2	EA	Door Stop	441H US26D	Rockwood
1	EA	Gasketing	5050B x 72" x 96"	National Guard

Balance of hardware by the aluminum door supplier.

Hardware Set 52

Doors: 100

Each to Receive:

1	EA	Continuous Hinge	HD1100A EPT 83"	National Guard
1	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Rim Exit Device	MLR TS 2403 No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
		Keyswitch		
1	EA	Door Pull	BF157 US32D	Rockwood
1	EA	Automatic Operator	SW200I 689 (Single)	Besam
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
2	EA	Actuator	CM-324	Supplied by Others
		Hard-Wired		
1	EA	Keyswitch	MKA	Securitron
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2-8F8R2	Securitron

Balance of hardware to be provided by the aluminum door supplier.

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section

DOOR HARDWARE PACKAGE "B"

Hardware Set 53

Doors: 102, 201B, 202, 209, 214, 225

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7AT 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 54

Doors: 103, 112, 114, 117, 120, 207, 213, 220, 229

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H0L 16J 626 VIN	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard

Hardware Set 55

Doors: 104, 216

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 DS PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 56

Doors: 105, 106, 211, 212

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7AT 16J 626 Patented	Stanley Security
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 57

Doors: 108A, 109, 208

Each to Receive:

1	EA	Continuous Hinge	HD1100A 83"	National Guard
1	EA	Mortise Deadlock	MS1850S 1-1/2" BS 628	Adams Rite
2	EA	Mortise Cylinder	1E-74 C181 RP3 626 Patented	Stanley Security
1	EA	Door Pull	BF157BTB16 US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80J PC SNDTPK80 BP80 689	Stanley Security
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard

Balance of hardware to be provided by the aluminum door supplier.

DOOR HARDWARE PACKAGE "B"

Hardware Set 58

Doors: 111, 203

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 59

Doors: 115A, 118A, 210

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Electric Strike	1006CLB 630	HES
1	EA	SMART Pac Bridge Rectifier	2005M3	HES
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 60

Doors: 115B, 116, 118B, 119, 204, 205, 206, 219, 228

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Push Plate	70C-RKW US32D	Rockwood
1	EA	Pull Plate	110x70C US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

DOOR HARDWARE PACKAGE "B"

Hardware Set 61

Doors: 121

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Electric Power Transfer	EPT-12C	Stanley Security
1	EA	Rim Exit Device	MLR TS 2103 No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Door Pull	BF157 US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2-8F8R2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

Hardware Set 62

Doors: 200B, 200C, 200D, 200E, 200F

Each to Receive:

2	EA	Continuous Hinge	HD1100A 83"	National Guard
1	EA	Surface Vert Rod Exit	2201 CD LBR No Trim 630	Stanley Security
1	EA	Surface Vert Rod Exit	2203 CD LBR No Trim 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
2	EA	Mortise Cylinder	1E-74 C4 RP3 626 Patented	Stanley Security
2	EA	Door Pull	BF157 US32D	Rockwood
2	EA	Surface Closer	HD8016 AF80J PC SNDTPK80 BP80 689	Stanley Security
2	EA	Door Stop	441H US26D	Rockwood
1	EA	Gasketing	5050B x 72" x 96"	National Guard

Balance of hardware by the aluminum door supplier..

Hardware Set 63

Doors: 215, 218

Each to Receive:

6	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
2	EA	Flush Bolt	555 US26D	Rockwood
1	EA	Dust Proof Strike	570 US26D	Rockwood
1	EA	Mortise Lock	45H7AT 16J 626 Patented	Stanley Security
2	EA	Surface Overhead Stop	4424 US32D	Architectural Builders
2	EA	Silencer	608-RKW	Rockwood

DOOR HARDWARE PACKAGE "B"

Hardware Set 64

Doors: 217, 227

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Deadlock	48H7R 626 Patented	Stanley Security
1	EA	Pull Plate	110x70C US32D	Rockwood
1	EA	Push Pull	92-RKW US32D	Rockwood
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 65

Doors: 221

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7R 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 66

Doors: 222, 223, 224

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H0L 16J 626 VIN	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

Hardware Set 67

Doors: 226

Each to Receive:

6	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
2	EA	Flush Bolt	555 US26D	Rockwood
1	EA	Dust Proof Strike	570 US26D	Rockwood
1	EA	Mortise Lock	45H7AT 16J 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
2	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Door Stop	441H US26D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
2	EA	Silencer	608-RKW	Rockwood

DOOR HARDWARE PACKAGE "B"

Hardware Set 68

Doors: 232A, 232B

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Rim Exit Device	FL 2103 4903B 630	Stanley Security
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	Stanley Security
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
1	EA	Gasketing	5050B x 48" x 96"	National Guard

Hardware Set 69

Doors: 234

Each to Receive:

3	EA	Hinge	FBB179 4-1/2" x 4-1-2" 26D	Stanley Commercial
1	EA	Mortise Lock	45H7D 16J 626 Patented	Stanley Security
1	EA	Electric Strike	1006CLB 630	HES
1	EA	SMART Pac Bridge Rectifier	2005M3	HES
1	EA	Surface Closer	HD8016 AF80P PC SNDTPK80 689	Stanley Security
1	EA	Kick Plate	K1050 10" x 34" US32D	Rockwood
1	EA	Wall Stop	409 US32D	Rockwood
3	EA	Silencer	608-RKW	Rockwood
1	EA	Door Contact	947-75 White	Honeywell
1	EA	Prox Reader	Badgepass Black	Supplied by Others
1	EA	Power Supply	AQD2	Securitron

Card reader & access control system to be provided by the bidder of this section.

All electrified hardware connections to be provided by the bidder of this section.

CODE NOTES - RESIDENTIAL HALL

JURISDICTION

- CITY OF PEARL, MISSISSIPPI
- STATE OF MISSISSIPPI - FIRE MARSHAL

APPLICABLE CODES

- INTERNATIONAL BUILDING CODE, 2018 AND 2024 EDITIONS
- INTERNATIONAL PLUMBING CODE, 2018 EDITION
- INTERNATIONAL MECHANICAL CODE, 2018 EDITION
- INTERNATIONAL FUEL GAS CODE, 2018 EDITION
- INTERNATIONAL ELECTRICAL CODE, 2018 EDITION
- INTERNATIONAL FIRE CODE, 2018 AND 2024 EDITIONS
- ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, 2017 EDITION (ICC/A117.1)
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN: TITLE III OF THE 28 CFR PART 36, SUBPART D PLUS 2004 ADAAG OF 36 CFR PART 1191, APPENDICES B AND D, STANDARDS FOR PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES
- THE CIVIL RIGHTS ACT'S FAIR HOUSING ACT (FHA)

OCCUPANCY CLASSIFICATION

- RESIDENTIAL GROUP R-2 (IBC SECTION 310.3)

OCCUPANCY SEPARATION

- RESIDENTIAL AND DINING HALLS ARE NON-SEPARATED OCCUPANCIES
- NON-SEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1. THE REQUIREMENTS OF THIS CODE SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE. IN ADDITION, THE MOST RESTRICTIVE PROVISIONS OF CHAPTER 9 THAT APPLY TO THE NON-SEPARATED OCCUPANCIES SHALL APPLY TO THE TOTAL NON-SEPARATED OCCUPANCY AREA (IBC SECTION 508.3.1).
- THE ALLOWABLE BUILDING AREA, HEIGHT AND NUMBER OF STORIES OF THE BUILDING SHALL BE BASED ON THE MOST RESTRICTIVE ALLOWANCES FOR THE OCCUPANCY GROUPS UNDER CONSIDERATION FOR THE TYPE OF CONSTRUCTION OF THE BUILDING IN ACCORDANCE WITH SECTION 503.1 (IBC SECTION 508.3.2).
- NO SEPARATION IS REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES: EXCEPTION #2 - GROUP R-2 DWELLING AND SLEEPING UNITS SHALL BE SEPARATED FROM OTHER DWELLING OR SLEEPING UNITS AND FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 420 (IBC SECTION 508.3.3).

CONSTRUCTION TYPE

- IBC TYPE II-B, UNPROTECTED NON-COMBUSTIBLE (IBC SECTION 602.2) / NFPA TYPE II (000)
- IBC TABLE 601, FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
  - PRIMARY STRUCTURAL FRAME - 0 HRS
  - BEARING WALLS - 0 HRS
  - NONBEARING WALLS AND PARTITIONS, EXTERIOR - 0 HRS (TABLE 602: FIRE SEP. DIST. X < 30')
  - NONBEARING WALLS AND PARTITIONS, INTERIOR - 0 HRS
  - FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS - 0 HRS
  - ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS - 0 HRS

FIRE PROTECTION

- FULLY SPRINKLERED (NFPA 13)
- FIRE EXTINGUISHERS (NFPA 10)

INCIDENTAL USES

- LAUNDRY ROOMS OVER 100 SF REQUIRE 1-HR SEPARATION OR MUST BE PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM (IBC TABLE 509)

HEIGHT AND AREA LIMITATIONS

- ALLOWABLE BUILDING HEIGHT ABOVE GRADE PLANE - 75' (IBC TABLE 504.3).
  - ACTUAL HEIGHT: 49'
- ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE - 5 (IBC TABLE 504.4).
  - ACTUAL NUMBER OF STORIES: 3
- ALLOWABLE AREA PER FLOOR - 48,000 SF (IBC TABLE 506.2) - UNMODIFIED.
  - ACTUAL AREAS PER FLOOR: 18,427 SF; 17,542 SF; 17,542 SF

SHAFT ENCLOSURES

- SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS IN ACCORDANCE WITH SECTION 707 OR HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711, OR BOTH (IBC SECTION 713.2).
- SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1-HOUR WHERE CONNECTING LESS THAN FOUR STORIES (IBC SECTION 713.4).
- FIRE BARRIERS SHALL EXTEND FROM THE TOP OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE AND SHALL BE SECURELY ATTACHED THERETO. SUCH FIRE BARRIERS SHALL BE CONTINUOUS THROUGH CONCEALED SPACES (IBC SECTION 707.5).
- THE SUPPORTING CONSTRUCTION FOR A FIRE BARRIER SHALL BE PROTECTED TO AFFORD THE REQUIRED FIRE-RESISTANCE RATING OF THE FIRE BARRIER SUPPORTED. HOLLOW VERTICAL SPACES WITHIN A FIRE BARRIER SHALL BE FIREBLOCKED IN ACCORDANCE WITH SECTION 718.2 AT EVERY FLOOR LEVEL (IBC SECTION 707.5.1).

UNENCLOSED STAIRS

- FLOOR OPENINGS CONTAINING EXIT ACCESS STAIRWAYS SHALL BE ENCLOSED WITH A SHAFT ENCLOSURE CONSTRUCTED IN ACCORDANCE WITH SECTION 713. EXCEPTION: 4- EXIT ACCESS STAIRWAYS IN BLDGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, WHERE THE AREA OF THE VERTICAL OPENING BETWEEN STORIES DOES NOT EXCEED TWICE THE HORIZONTAL PROJECTED AREA OF THE STAIRWAY AND THE OPENING IS PROTECTED BY A DRAFT CURTAIN AND CLOSELY SPACED SPRINKLERS IN ACCORDANCE WITH NFPA 13, LIMITED TO OPENINGS THAT DO NOT CONNECT MORE THAN FOUR STORIES (IBC 1015.3)
- WHERE STAIRWAYS ARE UNENCLOSED AND WHERE SPRINKLER PROTECTION IS SERVING AS THE ALTERNATIVE TO ENCLOSURE OF THE VERTICAL OPENING, THE FLOOR OPENINGS INVOLVED SHALL BE PROTECTED BY CLOSELY SPACED SPRINKLERS IN COMBINATION WITH DRAFT CURTAINS IN ACCORDANCE WITH 9.3.5.2 AND 9.3.5.3 (NFPA 13 SECTION 9.3.5.1).
- DRAFT CURTAINS SHALL MEET ALL OF THE FOLLOWING CRITERIA: (1) THE DRAFT CURTAINS SHALL BE LOCATED IMMEDIATELY ADJACENT TO THE OPENING, (2) THE DRAFT CURTAINS SHALL BE AT LEAST 18" DEEP, AND (3) THE DRAFT CURTAINS SHALL BE OF NONCOMBUSTIBLE OR LIMITED COMBUSTIBLE MATERIAL THAT WILL STAY IN PLACE BEFORE AND DURING SPRINKLER OPERATION (NFPA 13 SECTION 9.3.5.2).
- SPRINKLERS SHALL BE SPACED NOT MORE THAN 6' APART AND PLACED 6" TO 12" FROM THE DRAFT CURTAIN ON THE SIDE AWAY FROM THE OPENING (NFPA 13 SECTION 9.3.5.3.1).
- WHERE SPRINKLERS ARE CLOSER THAN 6', CROSS BAFFLES SHALL BE PROVIDED IN ACCORDANCE WITH 10.2.6.4.2 (NFPA 13 SECTION 9.3.5.3.2).

METAL COMPOSITE PANELS

- MCM SHALL NOT BE INSTALLED MORE THAN 40' IN HEIGHT ABOVE GRADE WHERE INSTALLED IN ACCORDANCE WITH SECTIONS 1406.11.1.1 AND 1406.11.1.2 (IBC SECTION 1406.11.1).
- WHERE THE FIRE SEPARATION DISTANCE IS 5' OR LESS, THE AREA OF MCM SHALL NOT EXCEED 10% OF THE EXTERIOR WALL SURFACE (IBC SECTION 1406.11.1.1).
- WHERE THE FIRE SEPARTION DISTANCE IS GREATER THAN 5', THE AREA OF EXTERIOR WALL SURFACE COVERAGE USING MCM SHALL NOT BE LIMITED (IBC SECTION 1406.11.1.2).
- MCM SHALL NOT BE INSTALLED MORE THAN 50' IN HEIGHT ABOVE GRADE WHERE INSTALLED IN ACCORDANCE WITH SECTIONS 1406.11.2.1 AND 1406.11.2.2 (IBC SECTION 1406.11.2).
- MCM SHALL HAVE A SELF-IGNITION TEMPERATURE OF 650 DEGREES F OR GREATER WHEN TESTED IN ACCORDANCE WITH ASTM D1929 (IBC SECTION 1406.11.2.1).
- SECTIONS OF MCM SHALL NOT EXCEED 300 SF IN AREA AND SHALL BE SEPARATED BY NOT LESS THAN 4' VERTICALLY (IBC SECTION 1406.11.2.2).

RESIDENTIAL OCCUPANCY GROUP

- WALLS SEPARATING DWELLING UNITS IN THE SAME BUILDING, WALLS SEPARATING SLEEPING UNITS IN THE SAME BUILDING AND WALLS SEPARATING DWELLING OR SLEEPING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME BUILDING SHALL BE CONSTRUCTED AS FIRE PARTITIONS IN ACCORDANCE WITH SECTION 708 (IBC SECTION 420.2).
- FLOOR ASSEMBLIES SEPARATING DWELLING UNITS IN THE SAME BUILDINGS, FLOOR ASSEMBLIES SEPARATING SLEEPING UNITS IN THE SAME BUILDING AND FLOOR ASSEMBLIES SEPARATING DWELLING OR SLEEPING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME BUILDING SHALL BE CONSTRUCTED AS HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711 (IBC SECTION 420.3).
- GROUP R OCCUPANCIES SHALL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.2.8.
- AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1 SHALL BE PROVIDED THROUGHOUT ALL BUILDINGS WITH A GROUP R FIRE AREA (IBC SECTION 903.2.8).
- FIRE ALARM SYSTEMS AND SMOKE ALARMS SHALL BE PROVIDED IN GROUP R-2 OCCUPANCIES IN ACCORDANCE WITH SECTIONS 907.2.6, 907.2.8 AND 907.2.9, RESPECTIVELY. SINGLE OR MULTIPLE-STATION SMOKE ALARMS SHALL BE PROVIDED IN GROUP R-2 IN ACCORDANCE WITH SECTION 907.2.10 (IBC SECTION 420.5).
- DOMESTIC COOKING APPLIANCES FOR USE BY RESIDENTS OF GROUP R-2 COLLEGE DORMITORIES SHALL BE IN ACCORDANCE WITH SECTIONS 420.10.1 AND 420.10.2 (IBC SECTION 420.10).
- FIRE PARTITIONS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1-HOUR: EXCEPTION #1 - CORRIDOR WALLS PERMITTED TO HAVE A 1/2-HOUR FIRE-RESISTANCE RATING BY TABLE 1020.1; EXCEPTION #2 - DWELLING AND SLEEPING UNITS SEPARATIONS IN BUILDINGS OF TYPE II-B CONSTRUCTION SHALL HAVE FIRE-RESISTANCE RATINGS OF NOT LESS THAN 1/2-HOUR IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 (IBC SECTION 708.3).
- SUPPORTING CONSTRUCTION OF A FIRE PARTITION: EXCEPTION - IN BUILDINGS OF TYPE I-B CONSTRUCTION, THE SUPPORTING CONSTRUCTION REQUIREMENT SHALL NOT APPLY TO FIRE PARTITIONS SEPARATING DWELLING UNITS, FIRE PARTITIONS SEPARATING SLEEPING UNITS AND FIRE PARTITIONS SERVING AS CORRIDOR WALLS (IBC SECTION 708.4.1).

CURTAIN WALLS

- VOIDS CREATED AT THE INTERSECTION OF EXTERIOR CURTAIN WALL ASSEMBLIES AND NON-FIRE-RESISTANCE RATED FLOOR OR FLOOR/CEILING ASSEMBLIES SHALL BE SEALED WITH AN APPROVED MATERIAL OR SYSTEM TO RETARD THE INTERIOR SPREAD OF FIRE AND HOT GASES BETWEEN STORIES (IBC SECTION 715.4.1).

MEANS OF EGRESS

- THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-6" AFF (IBC SECTION 1003.2).
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" AFF SHALL NOT PROJECT HORIZONTALLY MORE THAN 4" INTO THE CIRCULATION PATH - HANDRAILS MAY PROTUDE 4.5" FROM THE WALL OR GUARD (IBC SECTION 1003.3.3).
- WHERE AN AREA UNDER CONSIDERATION CONTAINS MULTIPLE FUNCTIONS HAVING DIFFERENT OCCUPANT LOAD FACTORS, THE DESIGN OCCUPANT LOAD FOR SUCH AREA SHALL BE BASED ON THE FLOOR AREA OF EACH FUNCTION CALCULATED INDEPENDENTLY (IBC SECTION 1004.3).
- DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 7". DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 1/2 - EXCEPTION #2: RESTRICTIONS ON DOOR SWING SHALL NOT APPLY TO DOORS WITHIN INDIVIDUAL DWELLING UNITS AND SLEEPING UNITS OF GROUP R-2 OCCUPANCIES (IBC SECTION 1005.7.1).
- MAXIMUM OCCUPANT LOAD OF A SPACE WITH A SINGLE EXIT IN GROUP R-2 - 20 OCCUPANTS; MAXIMUM COMMON PATH OF EGRESS TRAVEL - 125' (IBC TABLE 1006.2.1).
- PIVOT OR SIDE-HINGED SWINGING DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS (IBC SECTION 1010.1.2.1).
- MAXIMUM EXIT ACCESS TRAVEL DISTANCE - 250' (IBC TABLE 1017.2).
- CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLE 1020.1 (IBC SECTION 1020.1). GROUP R OCCUPANCY FOR OCCUPANT LOADS SERVING GREATER THAN 10 OCCUPANTS THE REQUIRED FIRE-RESISTANCE RATING OF CORRIDORS SHALL BE 0.5-HRS (IBC TABLE 1020.1).
- MINIMUM CORRIDOR WIDTH - 44": WITH OCCUPANT LOAD LESS THAN 50 - 36": WITHIN A DWELLING UNIT - 36" (IBC TABLE 1020.2).
- WHERE MORE THAN ONE EXIT OR EXIT ACCESS DOORWAY IS REQUIRED, THE EXIT ACCESS SHALL BE ARRANGED SUCH THAT DEAD-END CORRIDORS DO NOT EXCEED 20' IN LENGTH: EXCEPTION #2 - WHERE THE BUILDING IS EQUIPPED THRCUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, THE LENGTH OF THE DEAD-END CORRIDORS SHALL NOT EXCEED 50': EXCEPTION #3 - A DEAD-END CORRIDOR SHALL NOT BE LIMITED IN LENGTH WHERE THE LENGTH OF THE DEAD-END CORRIDOR IS LESS THAN 2.5 TIMES THE LEAST WIDTH OF THE DEAD-END CORRIDOR (IBC SECTION 1020.4).
- ENCLOSURES FOR INTERIOR EXIT STAIRWAYS SHALL BE CONSTRUCTED AS FIRE BARRIERS IN ACCORDANCE WITH SECTION 707. INTERIOR EXIT STAIRWAYS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1-HOUR WHERE CONNECTING LESS THAN 4 STORIES (IBC SECTION 1023.2).

INTERIOR FINISH REQUIREMENTS

- INTERIOR FINISH REQUIREMENTS OF WALLS AND CEILINGS (IBC TABLE 803.13):
  - VERTICAL EXITS AND EXIT PASSAGEWAYS - CLASS B FINISHES
  - EXIT ACCESS CORRIDORS AND OTHER EXITWAYS - CLASS B FINISHES
  - ROOMS AND OTHER SPACES - CLASS C FINISHES
- INTERIOR WALL AND CEILING FINISH MATERIALS (IBC SECTION 803.1.2):
  - CLASS B - FLAMESPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450.
  - CLASS C - FLAMESPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450.
- INTERIOR FLOOR FINISH MATERIALS (IBC SECTION 804.2):
  - NOT LESS THAN CLASS II PER ASTM E648 OR NFPA 253 - 0.22 WATTS/CM² OR GREATER.
- INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS IN ENCLOSURES OF STAIRWAYS, EXIT PASSAGEWAYS, CORRIDORS AND ROOMS OR SPACES NOT SEPARATED FROM CORRIDORS BY PARTITIONS EXTENDING FROM THE FLOOR TO THE UNDERSIDE OF THE CEILING SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX. THE MINIMUM CRITICAL RADIANT FLUX SHALL NOT BE LESS THAN CLASS I IN GROUP R-2: EXCEPTION - WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, MATERIALS COMPLYING WITH DOC FF-1 "PILL TEST" (CPSC 16 CFR PART 1630) OR WITH ASTM D2859 ARE PERMITTED IN ANY AREA WHERE CLASS II MATERIALS ARE REQUIRED (IBC SECTION 804.4.2).

ACCESSIBILITY

- IN GROUP R-2 OCCUPANCIES, WHERE BEDROOMS ARE GROUPED INTO DWELLING OR SLEEPING UNITS, ONLY ONE BEDROOM IN EACH DWELLING UNIT OR SLEEPING UNIT SHALL BE PERMITTED TO COUNT TOWARD THE NUMBER OF REQUIRED ACCESSIBLE UNITS (IBC SECTION 1107.6.2.3).
- SLEEPING UNIT: A SINGLE UNIT THAT PROVIDES ROOMS OR SPACES FOR ONE OR MORE PERSONS, INCLUDES PERMANENT PROVISIONS FOR SLEEPING AND CAN INCLUDE PROVISIONS FOR LIVING, EATING AND EITHER SANITATION OR KITCHEN FACILITES BUT NOT BOTH (IBC SECTION 202).
- NUMBER OF RESIDENTIAL HALL SLEEPING/DWELLING UNITS - 93
- MINIMUM NUMBER OF SLEEPING/DWELLING UNITS REQUIRED WITHOUT ROLL-IN SHOWERS - 41; MINIMUM NUMBER REQUIRED WITH ROLL-IN SHOWERS - 5; TOTAL NUMBER OF REQUIRED ACCESSIBLE UNITS - 5. (TABLE 1107.6.1.1)
- IN GROUP R-2 OCCUPANCIES CONTAINING MORE THAN 20 SLEEPING/DWELLING UNITS, AT LEAST 2 PERCENT BUT NOT LESS THAN ONE OF THE UNITS SHALL BE A TYPE A UNIT (IBC 1107.6.2.2.1).
- WHERE THERE ARE FOUR OR MORE SLEEPING/DWELLING UNITS INTENDED TO BE OCCUPIED AS A RESIDENCE IN A SINGLE STRUCTURE, EVERY DWELLING UNIT AND SLEEPING UNIT INTENDED TO BE OCCUPIED AS A RESIDENCE SHALL BE A TYPE B UNIT (IBC SECTION 1107.6.2.3.2).

REQUIRED SLEEPING/DWELLING UNIT TYPES

	# REQ'D BY CODE	# PROVIDED
ACCESSIBLE	5	10
TYPE A	3 (2% OF THE 93 UNITS)	
TYPE B	ALL OTHER UNITS	83
SEE SHEET LS102 FOR TYPICAL UNIT PLANS		

- ROOMS AND SPACES AVAILABLE TO THE GENERAL PUBLIC OR AVAILABLE FOR USE BY RESIDENTS AND SERVING ACCESSIBLE UNITS, TYPE A UNITS OR TYPE B UNITS SHALL BE ACCESSIBLE. ACCESSIBLE SPACES SHALL INCLUDE TOILET AND BATHING ROOMS, KITCHEN, LIVING AND DINING AREAS AND ANY EXTERIOR SPACES (IBC SECTION 1107.3).

PLUMBING FIXTURE COUNT

- IBC/IPC MINIMUM REQUIRED PLUMBING FIXTURES (IPC TABLE 403.1):

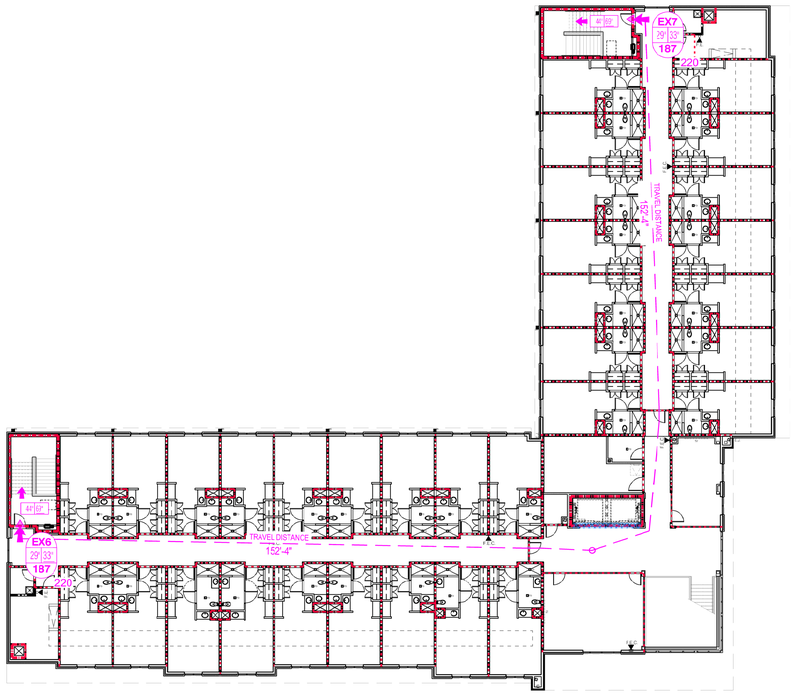
MALE WATER CLOSETS:	18.65 CALCULATED	19	REQUIRED
MALE LAVATORIES:	18.65 CALCULATED	19	REQUIRED
MALE BATHTUBS / SHOWERS:	23.31 CALCULATED	24	REQUIRED
FEMALE WATER CLOSETS:	18.65 CALCULATED	19	REQUIRED
FEMALE LAVATORIES:	18.65 CALCULATED	19	REQUIRED
FEMALE BATHTUBS / SHOWERS:	23.31 CALCULATED	24	REQUIRED
DRINKING FOUNTAINS:	3.73 CALCULATED	4	REQUIRED
SERVICE SINKS:		1	REQUIRED

- NUMBER OF ACTUAL PLUMBING FIXTURES:

MALE WATER CLOSETS:	47
MALE LAVATORIES:	93
MALE BATHTUBS / SHOWERS:	46
FEMALE WATER CLOSETS:	47
FEMALE LAVATORIES:	93
FEMALE BATHTUBS / SHOWERS:	46
DRINKING FOUNTAINS:	
SERVICE SINKS:	6

- WHERE DRINKING FOUNTAINS ARE REQUIRED, NOT FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. ONE SHALL COMPLY WITH THE REQUIREMENTS FOR PEOPLE WHO USE A WHEELCHAIR AND THE OTHER SHALL COMPLY WITH THE REQUIREMENTS FOR STANDING PERSONS (IPC SECTION 410.3 & IBC SECTION 1109.5.1).
- WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR NOT MORE THAN 50 PERCENT OF THE REQUIRED NUMBER OF DRINKING FOUNTAINS (IPC SECTION 410.4).

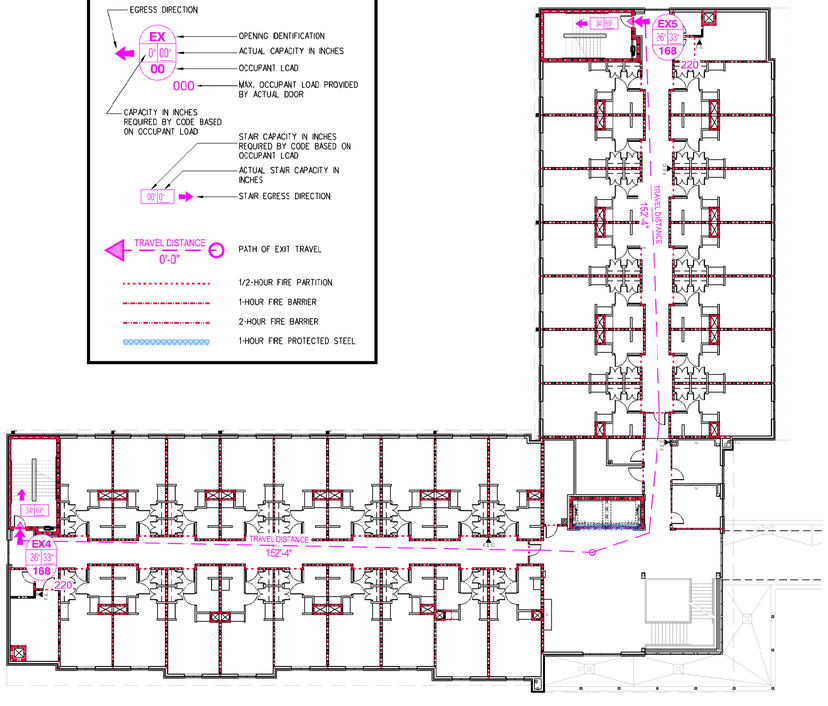
BUILDING AREAS	
FIRST FLOOR	18,427 SQ. FT.
SECOND FLOOR	17,542 SQ. FT.
THIRD FLOOR	17,542 SQ. FT.
TOTAL AREA	53511 SQ. FT.



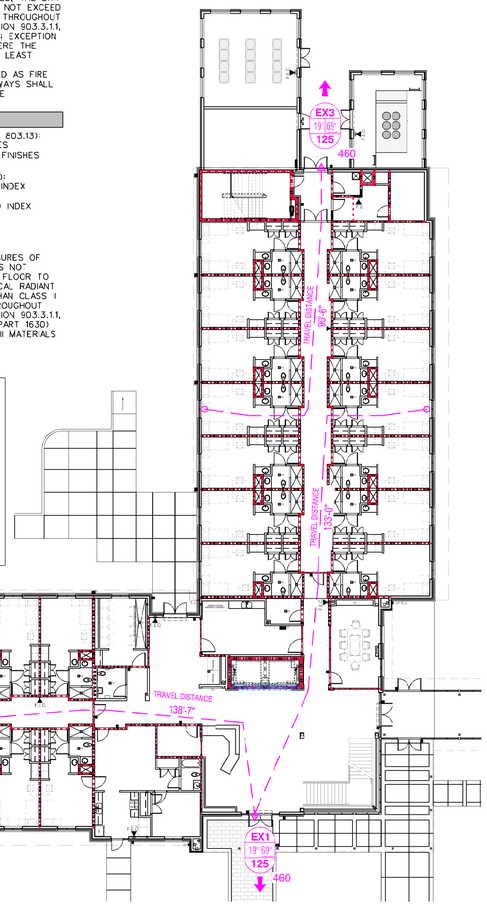
3 / LS101 — OCCUPANT LOAD - 373
LIFE SAFETY PLAN - THIRD FLOOR
SCALE: 1/16" = 1'-0"

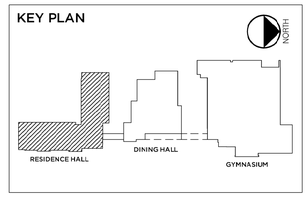
LIFE SAFETY PLAN LEGEND

- EGRESS DIRECTION
- EX 0' 00" / 00 — OPENING IDENTIFICATION; ACTUAL CAPACITY IN INCHES; OCCUPANT LOAD
- 000 — MAX. OCCUPANT LOAD PROVIDED BY ACTUAL DOOR
- CAPACITY IN INCHES REQUIRED BY CODE BASED ON OCCUPANT LOAD
- STAIR CAPACITY IN INCHES REQUIRED BY CODE BASED ON OCCUPANT LOAD
- 00" / 0" — ACTUAL STAIR CAPACITY IN INCHES; STAIR EGRESS DIRECTION
- TRAVEL DISTANCE 0'-0" — PATH OF EXIT TRAVEL
- 1/2-HOUR FIRE PARTITION
- 1-HOUR FIRE BARRIER
- 2-HOUR FIRE BARRIER
- 1-HOUR FIRE PROTECTED STEEL



2 / LS101 — OCCUPANT LOAD - 335
LIFE SAFETY PLAN - SECOND FLOOR
SCALE: 1/16" = 1'-0"



KEY PLAN


1 / LS101 — OCCUPANT LOAD - 373
LIFE SAFETY PLAN - FIRST FLOOR
SCALE: 1/16" = 1'-0"

3" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
⅜" = 1'-0" GRAPHIC SCALE

THE COMMONS - PACKAGE A
PEARL, MS
24053

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE
661 Sunnybrook, Sta 140
Ridgeland, MS 39157
601.939.7717
deandean.com

Kenneth Allen Cubre 3850 JACKSON, MS — STATE OF MISSISSIPPI — REGISTERED ARCHITECT
4/30/2025
CONSTRUCTION DOCUMENTS

Project No.: 24053
Date: SEPTEMBER 18, 2025
Drawn: FBH, MWS, NAM
Checked: KAO
Revisions: 1 SEPTEMBER 30, 2025 - ADDENDUM #1

THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
LS101
RESIDENCE HALL
LIFE SAFETY PLAN

NON-SEPARATED OCCUPANCIES ANALYSIS

- ALLOWABLE BUILDING HEIGHT ABOVE GRADE PLANE = 75' (IBC TABLE 504.3).
  - ACTUAL HEIGHT: 49' (R-2) & 27' (A-2)
- ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE = 3 (IBC TABLE 504.4).
  - **ACTUAL NUMBER OF STORIES: 3 (R-2) & 1 (A-2)**
- ALLOWABLE AREA PER FLOOR = 28,500 SF (IBC TABLE 506.2) - UNMODIFIED.
- ALLOWABLE AREA PER FLOOR = 35,625 SF - ADJUSTED FOR FULL FRONTAGE INCREASE
  - **MAX. ACTUAL FLOOR AREA: 19,427 (R-2) + 16,251 SF (A-2) = 34,678 SF**
- ALLOWABLE TOTAL BUILDING AREA = 85,500 SF - UNMODIFIED
- ALLOWABLE TOTAL BUILDING AREA = 106,875 SF (IBC EQUATION 5-2 (SECTION 506.2.3), 5-3 (SECTION 506.2.4), 5-4 (SECTION 506.3.2), AND 5-5 (SECTION 506.3.3)) - ADJUSTED FOR FULL FRONTAGE INCREASE
  - **ACTUAL FLOOR AREAS: 18,427 + 17,542 + 17,542 SF (R-2) + 16,251 SF (A-2) = 69,762 SF**

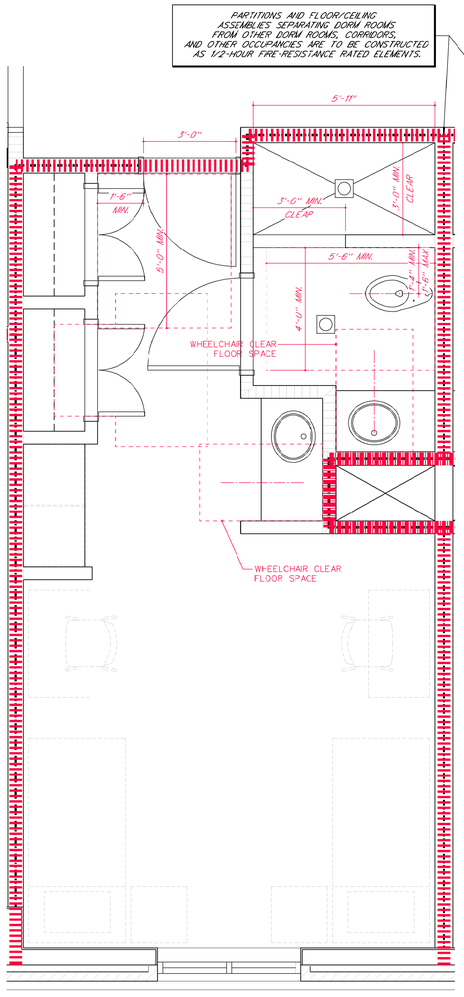
TYPE B SLEEPING/DWELLING UNITS

- FOR TYPE B UNITS, CLEAR FLOOR AREA SHALL BE 48" MIN. IN LENGTH AND 30" MIN. IN WIDTH (ICC A117.1 SECTION 1104.1.1).
- THE PRIMARY ENTRANCE DOOR TO THE UNIT SHALL COMPLY WITH SECTION 404 (ICC A117.1 SECTION 1104.5.1). DOORWAYS SHALL HAVE A CLEAR OPENING OF 32" MIN. (ICC A117.1 SECTION 404.2.2), AND MINIMUM MANEUVERING CLEARANCES AT DOORS SHALL COMPLY WITH TABLE 404.2.3.2 (ICC A117.1 SECTION 404.2.3.2).
- HANDLES AND OTHER OPERABLE PARTS ON DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE (ICC A117.1 SECTION 404.2.6).
- OPERABLE PARTS OF HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE THE FLOOR (ICC A117.1 SECTION 404.2.6.1), AND CLOSING SPEED SHALL COMPLY WITH SECTION 404.2.7 (ICC A117.1 SECTION 404.2.7).
- LIGHTING CONTROLS, ELECTRICAL SWITCHES AND RECEPTACLE OUTLETS, ENVIRONMENTAL CONTROLS, ELECTRICAL PANELBOARDS, AND USER CONTROLS FOR SECURITY OR INTERCOM SYSTEMS SHALL COMPLY WITH SECTIONS 309.3 & 104.1.1 (ICC A117.1 SECTION 1104.9)
- TOILET AND BATHING FACILITIES SHALL COMPLY WITH SECTION 1104.11 (ICC A117.1 SECTION 1104.11).
  - REINFORCEMENT SHALL BE PROVIDED FOR THE FUTURE INSTALLATION OF GRAB BARS AND SHOWER SEATS AT WATER CLOSETS, BATHTUBS, AND SHOWER COMPARTMENTS (ICC A117.1 SECTION 1104.11.1).
  - CLEAR FLOOR SPACES REQUIRED BY SECTION 1104.11.3.1 (OPTION A) OR 1104.11.3.2 (OPTION B) SHALL COMPLY WITH SECTIONS 1104.11.2 AND 1104.11 (ICC A117.1 SECTION 1104.11.2).
  - A CLEAR FLOOR SPACE POSITIONED FOR A PARALLEL APPROACH SHALL BE PROVIDED AT A LAVATORY. THE CLEAR FLOOR SPACE SHALL BE CENTERED ON THE LAVATORY. (ICC A117.1 SECTION 1104.11.3.1.1).
  - THE WATER CLOSET SHALL COMPLY WITH SECTION 1104.11.3.1.2 (ICC A117.1 SECTION 1104.11.3.1.2).
  - IF THE SHOWER COMPARTMENT IS THE ONLY BATHING FACILITY, THE SHOWER SHALL HAVE DIMENSIONS OF 36" MIN. IN WIDTH AND 36" MIN. IN DEPTH. A CLEARANCE OF 48" MINIMUM IN LENGTH, MEASURED PERPENDICULAR FROM THE CONTROL WALL, AND 30" MIN. IN DEPTH, MEASURED FROM THE FACE OF THE SHOWER COMPARTMENT, SHALL BE PROVIDED (ICC A117.1 SECTION 1104.11.3.1.3.3). EXCEPTION *1: A SHOWER COMPARTMENT WITH DIMENSIONS OF 30" MIN. IN DEPTH AND 44" MIN. IN WIDTH SHALL BE PERMITTED.

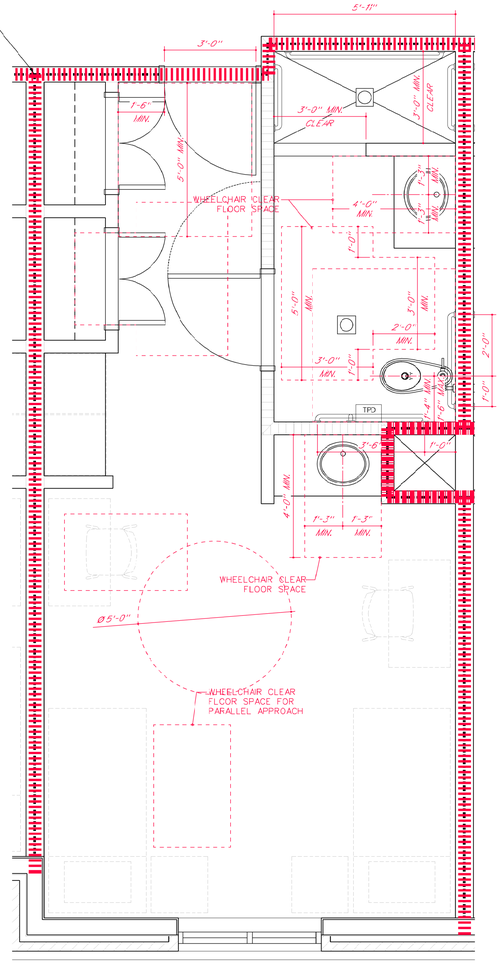
ACCESSIBLE SLEEPING/DWELLING UNITS

- UNITS REQUIRED TO BE TYPE A UNITS ARE PERMITTED TO BE DESIGNED AND CONSTRUCTED AS ACCESSIBLE UNITS (IBC SECTION 1107.2).
- THE CLEAR FLOOR SPACE REQUIRED BY SECTION 1102.15.1 SHALL ALSO SERVE AS A WHEELCHAIR CHARGING AREA COMPLYING WITH SECTION 906 (ICC A117.1 SECTION 1102.15.4).
- SHOWER COMPARTMENTS PROVIDED ARE ALTERNATE ROLL-IN SHOWERS PER ADA 608.2.3.

PARTITIONS AND FLOOR/CEILING ASSEMBLIES SEPARATING DORM ROOMS FROM OTHER DORM ROOMS, CORRIDORS, AND OTHER OCCUPANCIES ARE TO BE CONSTRUCTED AS 1/2-HOUR FIRE-RESISTANCE RATED ELEMENTS.



3 LS102 — RESIDENTIAL HALL - ADAPTABLE TYPE B UNIT PLAN
SCALE: 1/2" = 1'-0"



2 LS102 — RESIDENTIAL HALL - ACCESSIBLE UNIT PLAN
SCALE: 1/2" = 1'-0"

CODE NOTES - DINING HALL

JURISDICTION

- CITY OF PEARL, MISSISSIPPI
- STATE OF MISSISSIPPI - FIRE MARSHAL

APPLICABLE CODES

- INTERNATIONAL BUILDING CODE, 2018 AND 2024 EDITIONS
- INTERNATIONAL PLUMBING CODE, 2018 EDITION
- INTERNATIONAL MECHANICAL CODE, 2018 EDITION
- INTERNATIONAL FUEL GAS CODE, 2018 EDITION
- INTERNATIONAL ELECTRICAL CODE, 2018 EDITION
- INTERNATIONAL FIRE CODE, 2018 AND 2024 EDITIONS
- ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, 2017 EDITION (ICC/A117.1)
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN: TITLE III OF THE 28 CFR PART 36, SUBPART D PLUS 2004 ADAAG OF 36 CFR PART 1191, APPENDICES B AND D, STANDARDS FOR PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES

OCCUPANCY CLASSIFICATION

- ASSEMBLY GROUP A-2 (IBC SECTION 303.3)

OCCUPANCY SEPARATION

- DINING AND RESIDENTIAL HALLS ARE NON-SEPARATED OCCUPANCIES
- NON-SEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1. THE REQUIREMENTS OF THIS CODE SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE. IN ADDITION, THE MOST RESTRICTIVE PROVISIONS OF CHAPTER 9 THAT APPLY TO THE NON-SEPARATED OCCUPANCIES SHALL APPLY TO THE TOTAL NON-SEPARATED OCCUPANCY AREA (IBC SECTION 508.3.1).
- THE ALLOWABLE BUILDING AREA, HEIGHT AND NUMBER OF STORIES OF THE BUILDING SHALL BE BASED ON THE MOST RESTRICTIVE ALLOWANCES FOR THE OCCUPANCY GROUPS UNDER CONSIDERATION FOR THE TYPE OF CONSTRUCTION OF THE BUILDING IN ACCORDANCE WITH SECTION 503.1 (IBC SECTION 508.3.2).

CONSTRUCTION TYPE

- IBC TYPE II-B, UNPROTECTED NON-COMBUSTIBLE (IBC SECTION 602.2) / NFPA TYPE II (000)
- IBC TABLE 601, FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
  - PRIMARY STRUCTURAL FRAME - 0 HRS
  - BEARING WALLS - 0 HRS
  - NONBEARING WALLS AND PARTITIONS, EXTERIOR - 0 HRS (TABLE 602: 10' ≤ X < 30')
  - NONBEARING WALLS AND PARTITIONS, INTERIOR - 0 HRS
  - FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS - 0 HRS
  - ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS - 0 HRS

FIRE PROTECTION

- FULLY SPRINKLERED (NFPA 13)
- FIRE EXTINGUISHERS (NFPA 10)

HEIGHT AND AREA LIMITATIONS

- ALLOWABLE BUILDING HEIGHT ABOVE GRADE PLANE = 75' (IBC TABLE 504.3).
  - ACTUAL HEIGHT: 27'
- ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE = 3 (IBC TABLE 504.4).
  - ACTUAL NUMBER OF STORIES: 1
- ALLOWABLE AREA PER FLOOR = 38,000 SF (IBC TABLE 506.2) - UNMODIFIED.
  - ACTUAL FLOOR AREA: 16,251 SF

MEANS OF EGRESS

- THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-6" AFF (IBC SECTION 1003.2).
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" AFF SHALL NOT PROJECT HORIZONTALLY MORE THAN 4" INTO THE CIRCULATION PATH - HANDRAILS MAY PROTUDE 4.5" FROM THE WALL OR GUARD (IBC SECTION 1003.3.3).
- WHERE AN AREA UNDER CONSIDERATION CONTAINS MULTIPLE FUNCTIONS HAVING DIFFERENT OCCUPANT LOAD FACTORS, THE DESIGN OCCUPANT LOAD FOR SUCH AREA SHALL BE BASED ON THE FLOOR AREA OF EACH FUNCTION CALCULATED INDEPENDENTLY (IBC SECTION 1004.3).
- DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 7". DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 1/2 (IBC SECTION 1005.7.1).
- MAXIMUM OCCUPANT LOAD OF A SPACE WITH A SINGLE EXIT IN GROUP A-2 = 49 OCCUPANTS: MAXIMUM COMMON PATH OF EGRESS TRAVEL = 75' (IBC TABLE 1006.2.1).
- PIVOT OR SIDE-HINGED SWINGING DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS (IBC SECTION 1010.1.2.1).
- MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 250' (IBC TABLE 1017.2).
- CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLE 1020.1 (IBC SECTION 1020.1). GROUP A OCCUPANCY FOR OCCUPANT LOADS SERVING GREATER THAN 30 OCCUPANTS THE REQUIRED FIRE-RESISTANCE RATING OF CORRIDORS SHALL BE 0-HRS (IBC TABLE 1020.1).
- MINIMUM CORRIDOR WIDTH = 44" WITH OCCUPANT LOAD LESS THAN 50 = 36" (IBC TABLE 1020.2).
- WHERE MORE THAN ONE EXIT OR EXIT ACCESS DOORWAY IS REQUIRED, THE EXIT ACCESS SHALL BE ARRANGED SUCH THAT DEAD-END CORRIDORS DO NOT EXCEED 20' IN LENGTH: EXCEPTION *2 - WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, THE LENGTH OF THE DEAD-END CORRIDORS SHALL NOT EXCEED 50': EXCEPTION *3 - A DEAD-END CORRIDOR SHALL NOT BE LIMITED IN LENGTH WHERE THE LENGTH OF THE DEAD-END CORRIDOR IS LESS THAN 2.5 TIMES THE LEAST WIDTH OF THE DEAD-END CORRIDOR (IBC SECTION 1020.4).

INTERIOR FINISH REQUIREMENTS

- INTERIOR FINISH REQUIREMENTS OF WALLS AND CEILINGS (IEC TABLE 803.13):
  - VERTICAL EXITS AND EXIT PASSAGEWAYS - CLASS B FINISHES
  - EXIT ACCESS CORRIDORS AND OTHER EXITWAYS - CLASS B FINISHES
  - ROOMS AND OTHER SPACES - CLASS C FINISHES
- INTERIOR WALL AND CEILING FINISH MATERIALS (IBC SECTION 803.1.2):
  - CLASS B - FLAMESPREAD INDEX 26-75: SMOKE DEVELOPED INDEX 0-450.
  - CLASS C - FLAMESPREAD INDEX 76-200: SMOKE DEVELOPED INDEX 0-450.
- INTERIOR FLOOR FINISH MATERIALS (IBC SECTION 804.2):
  - NOT LESS THAN CLASS II PER ASTM E648 OR NFPA 253 - 0.22 WATTS/CM² OR GREATER.
- INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS IN ENCLOSURES OF STAIRWAYS, EXIT PASSAGEWAYS, CORRIDORS AND ROOMS OR SPACES NOT SEPARATED FROM CORRIDORS BY PARTITIONS EXTENDING FROM THE FLOOR TO THE UNDERSIDE OF THE CEILING SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX. THE MINIMUM CRITICAL RADIANT FLUX SHALL NOT BE LESS THAN CLASS II IN GROUP A-2: EXCEPTION - WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, MATERIALS COMPLYING WITH DOC FF-1 "PILL TEST" (CPSC 16 CFR PART 1630) OR WITH ASTM D2859 ARE PERMITTED IN ANY AREA WHERE CLASS II MATERIALS ARE REQUIRED (IBC SECTION 804.4.2).

PLUMBING FIXTURE COUNT

- IBC/IPC MINIMUM REQUIRED PLUMBING FIXTURES (IPC TABLE 403.1):

MALE WATER CLOSETS:	2.47 CALCULATED	3	REQUIRED
MALE LAVATORIES:	0.93 CALCULATED	1	REQUIRED
FEMALE WATER CLOSETS:	2.47 CALCULATED	3	REQUIRED
FEMALE LAVATORIES:	0.93 CALCULATED	1	REQUIRED
DRINKING FOUNTAINS:	0.74 CALCULATED	1	REQUIRED
SERVICE SINKS:		1	REQUIRED

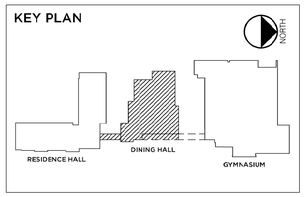
- NUMBER OF ACTUAL PLUMBING FIXTURES:

MALE WATER CLOSETS:	4
MALE URINALS:	2
MALE LAVATORIES:	4
FEMALE WATER CLOSETS:	6
FEMALE LAVATORIES:	4
DRINKING FOUNTAINS:	2
SERVICE SINKS:	1

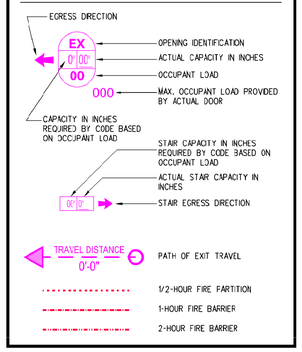
- WHERE DRINKING FOUNTAINS ARE REQUIRED, NOT FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. ONE SHALL COMPLY WITH THE REQUIREMENTS FOR PEOPLE WHO USE A WHEELCHAIR AND THE OTHER SHALL COMPLY WITH THE REQUIREMENTS FOR STANDING PERSONS (IPC SECTION 410.3 & IBC SECTION 1109.5.1).
- WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR NOT MORE THAN 50 PERCENT OF THE REQUIRED NUMBER OF DRINKING FOUNTAINS (IPC SECTION 410.4).

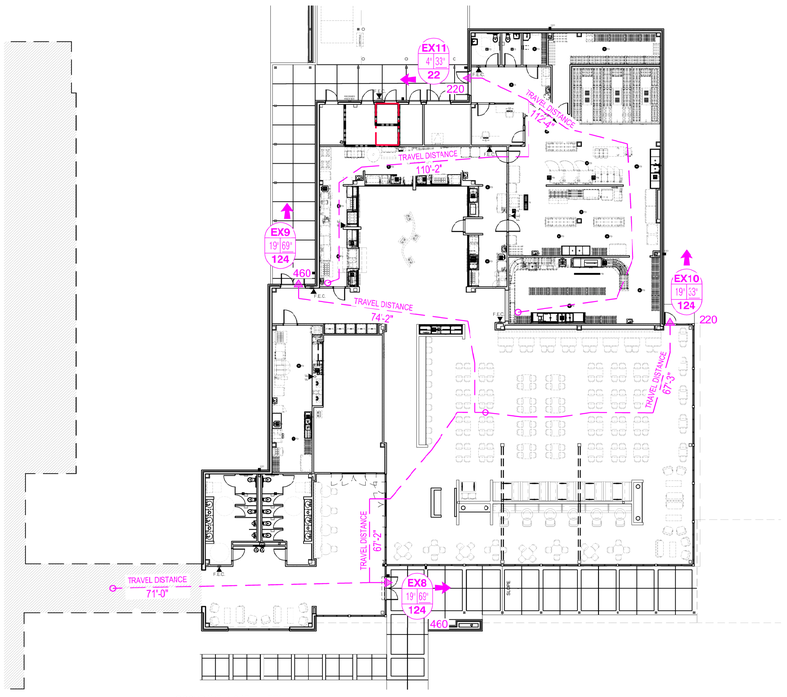
BUILDING AREA	
TOTAL AREA	16,251 SQ. FT.

KEY PLAN



LIFE SAFETY PLAN LEGEND





1 LS102 — LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"

DEAN ARCHITECTURE
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Kenneth Allen Cubre 3850 JACKSON, MS
STATE OF MISSISSIPPI
9/30/2025
CONSTRUCTION DOCUMENTS

Project No.: 24053
Date: SEPTEMBER 18, 2025
Drawn: FBH, MWS, NAM
Checked: KAO
Revisions: 1 SEPTEMBER 30, 2025 - ADDENDUM #1

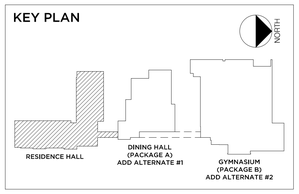
THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
LS102
DINING HALL
LIFE SAFETY PLAN

THE COMMONS - PACKAGE A
PEARL, MS
24053

1" = 1'-0" GRAPHIC SCALE
0 6" 1
3/4" = 1'-0" GRAPHIC SCALE
0 6" 1
1/2" = 1'-0" GRAPHIC SCALE
0 6" 1
3/4" = 1'-0" GRAPHIC SCALE
0 1 2 3 4
1/16" = 1'-0" GRAPHIC SCALE
0 1 2 3 4

KEY PLAN



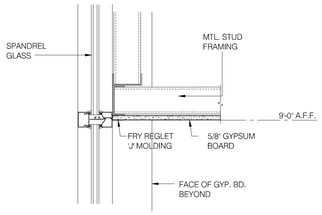
LIFE SAFETY / WALL LEGEND

SYMBOL	DESCRIPTION
	2-HOUR FIRE WALL: U.L. DES. NO. U419 3 5/8" MTL. STUDS @ 16" O.C. W/ (2) LAYERS 5/8" TYPE 'X' GYP. BD. EACH SIDE, EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK.
	1-HOUR FIRE WALL 12" CONCRETE WALL, POURED-IN-PLACE.
	1-HOUR FIRE WALL 7 5/8" CMU
	1-HOUR FIRE SHAFT WALL: U.L. DES. NO. U438 6" MTL. C-H STUDS @ 24" O.C. W/ 1" WALLBOARD LINER PANEL (MR) INSERTED INTO "H" SECTION OF C-H STUD WITH (2) LAYERS 1/2" TYPE 'X' GYP. BD. ON OPPOSITE SIDE. EXTEND WALL TO DECK WITH 5 1/2" SOUND ATTENUATION BATTS TO DECK.
	1-HOUR FIRE WALL: U.L. DES. NO. U419 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE, EXTEND WALL TO 1 HR FIRE-RATED CEILING ASSEMBLY WITH 3" SOUND ATTENUATION BATTS. NOTE: IN ROOMS WITHOUT FIRE-RATED CEILING, EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK.
	30-MIN FIRE WALL: [LOAD-BEARING] [SOUND-INSULATED] 6" MTL. STRUCTURAL STUDS @ 16" O.C. W/ 1 LAYER 5/8" TYPE 'X' GYP. BD. EACH SIDE. EXTEND WALL TO DECK WITH 5 1/2" SOUND ATTENUATION BATTS TO DECK. SEAL PERIMETER, ELEC. BOXES, PENETRATIONS, ETC. WITH 1/4" (MIN) ROUND BEAD OF ACOUSTICAL SEALANT (REF: USG PRODUCT SUBMITTAL SHEET J678).
	NON-RATED 5" NOMINAL WALL (4 7/8" ACTUAL) [SOUND-INSULATED] 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" GYP. BD. EACH SIDE. EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK. SEAL PERIMETER, ELEC. BOXES, PENETRATIONS, ETC. WITH 1/4" (MIN) ROUND BEAD OF ACOUSTICAL SEALANT (REF: USG PRODUCT SUBMITTAL SHEET J678).
	NON-RATED 5" NOMINAL WALL (4 7/8" ACTUAL) 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" GYP. BD. EACH SIDE, EXTEND WALL TO 12" ABOVE CEILING.
NOTE:	BUILD ALL RATED WALLS IN STRICT ACCORDANCE WITH UL DESIGN. MAJORITY OF ROOMS HAVE 5" NOMINAL WALLS. HOWEVER REFER TO PLAN SHEETS FOR WALLS REQUIRED TO BE 6", 7", OR 8" NOMINAL. ALL WALLS TO BE 5/8" ABUSE RESISTANT GYP. BD.; FULL HEIGHT IN RESIDENCE HALL & UP TO 8'-0" IN DINING HALL & GYMNASIUM.
F.E.C.	F.E.C. SEMI-RECESSED / F.E.C. EXT. SURF. MOUNTED / F.E. WALL MOUNTED FIRE EXTINGUISHER CABINETS MUST BE LOCATED SO TRAVEL DISTANCE TO EXTINGUISHER IS LESS THAN 75 FEET (EXT. CABINET TO BE STAINLESS STL)

CEILING LEGEND

ALL CEILINGS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE

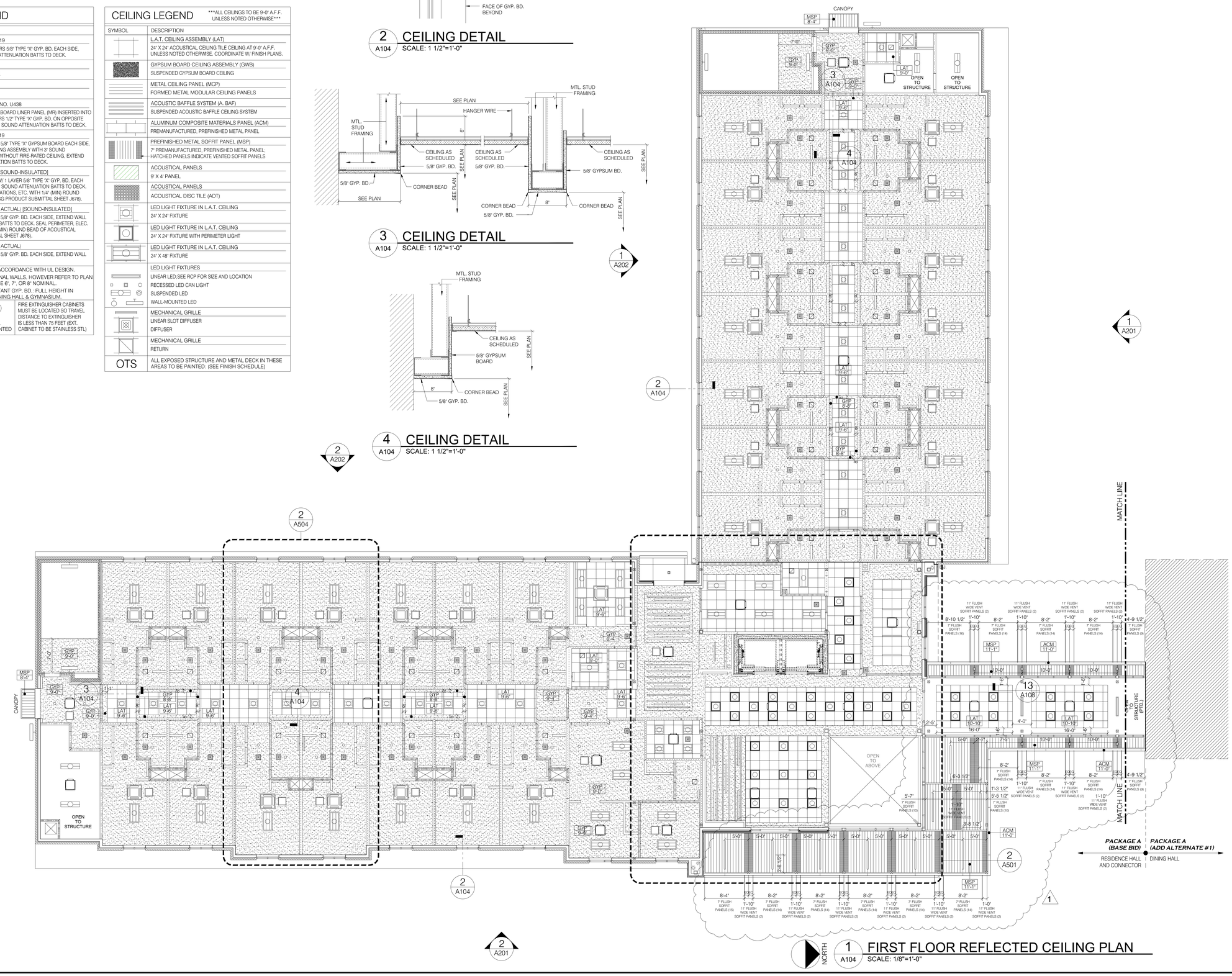
SYMBOL	DESCRIPTION
	L.A.T. CEILING ASSEMBLY (LAT) 24" X 24" ACOUSTICAL CEILING TILE CEILING AT 9'-0" A.F.F. UNLESS NOTED OTHERWISE. COORDINATE W/ FINISH PLANS.
	GYPSUM BOARD CEILING ASSEMBLY (GWB) SUSPENDED GYPSUM BOARD CEILING
	METAL CEILING PANEL (MCP) FORMED METAL MODULAR CEILING PANELS
	ACOUSTIC BAFFLE SYSTEM (A. BAF) SUSPENDED ACOUSTIC BAFFLE CEILING SYSTEM
	ALUMINUM COMPOSITE MATERIALS PANEL (ACM) PREMANUFACTURED, PREFINISHED METAL PANEL
	PREFINISHED METAL SOFFIT PANEL (MSP) 7" PREMANUFACTURED, PREFINISHED METAL PANEL. HATCHED PANELS INDICATE VENTED SOFFIT PANELS
	ACOUSTICAL PANELS 9' X 4' PANEL
	ACOUSTICAL PANELS ACOUSTICAL DISC TILE (ADT)
	LED LIGHT FIXTURE IN L.A.T. CEILING 24" X 24" FIXTURE
	LED LIGHT FIXTURE IN L.A.T. CEILING 24" X 24" FIXTURE WITH PERIMETER LIGHT
	LED LIGHT FIXTURE IN L.A.T. CEILING 24" X 48" FIXTURE
	LED LIGHT FIXTURES LINEAR LED;SEE RCP FOR SIZE AND LOCATION
	RECESSED LED CAN LIGHT SUSPENDED LED
	WALL-MOUNTED LED
	MECHANICAL GRILLE LINEAR SLOT DIFFUSER
	DIFFUSER
	MECHANICAL GRILLE RETURN
OTS	ALL EXPOSED STRUCTURE AND METAL DECK IN THESE AREAS TO BE PAINTED: (SEE FINISH SCHEDULE)



2 A104 **CEILING DETAIL**
SCALE: 1 1/2"=1'-0"

3 A104 **CEILING DETAIL**
SCALE: 1 1/2"=1'-0"

4 A104 **CEILING DETAIL**
SCALE: 1 1/2"=1'-0"



1 A104 **FIRST FLOOR REFLECTED CEILING PLAN**
SCALE: 1/8"=1'-0"

DEAN ARCHITECTURE
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Registered Architect Kenneth Allen Oubre 3850 Jackson, MS State of Mississippi

9/30/2025
CONSTRUCTION DOCUMENTS

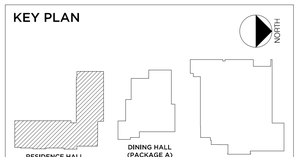
Project No. : 24053
Date: SEPTEMBER 18, 2025
Drawn: FBH, MWS, NAM
Checked: KAO
Revisions: 1 SEPTEMBER 30, 2025 - ADDENDUM #1

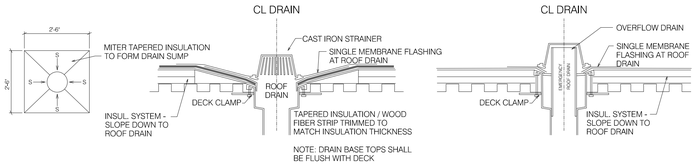
THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
A104
RESIDENCE HALL FIRST FLOOR RCP

THE COMMONS - PACKAGE A
PEARL, MS
24053

KEY PLAN

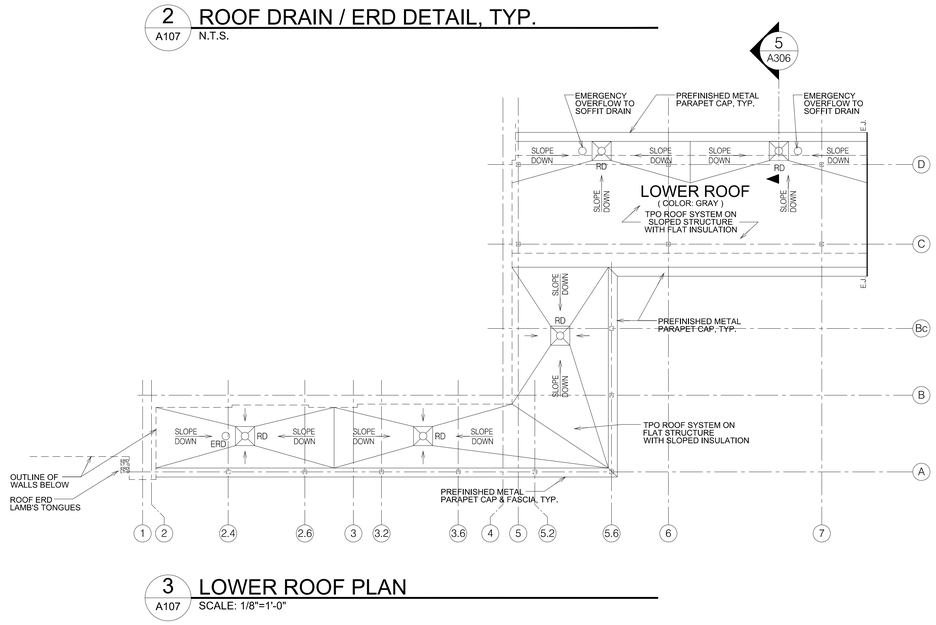




PLAN DETAIL ROOF DRAIN DETAIL EMERGENCY ROOF DRAIN DETAIL

2 A107 ROOF DRAIN / ERD DETAIL, TYP.

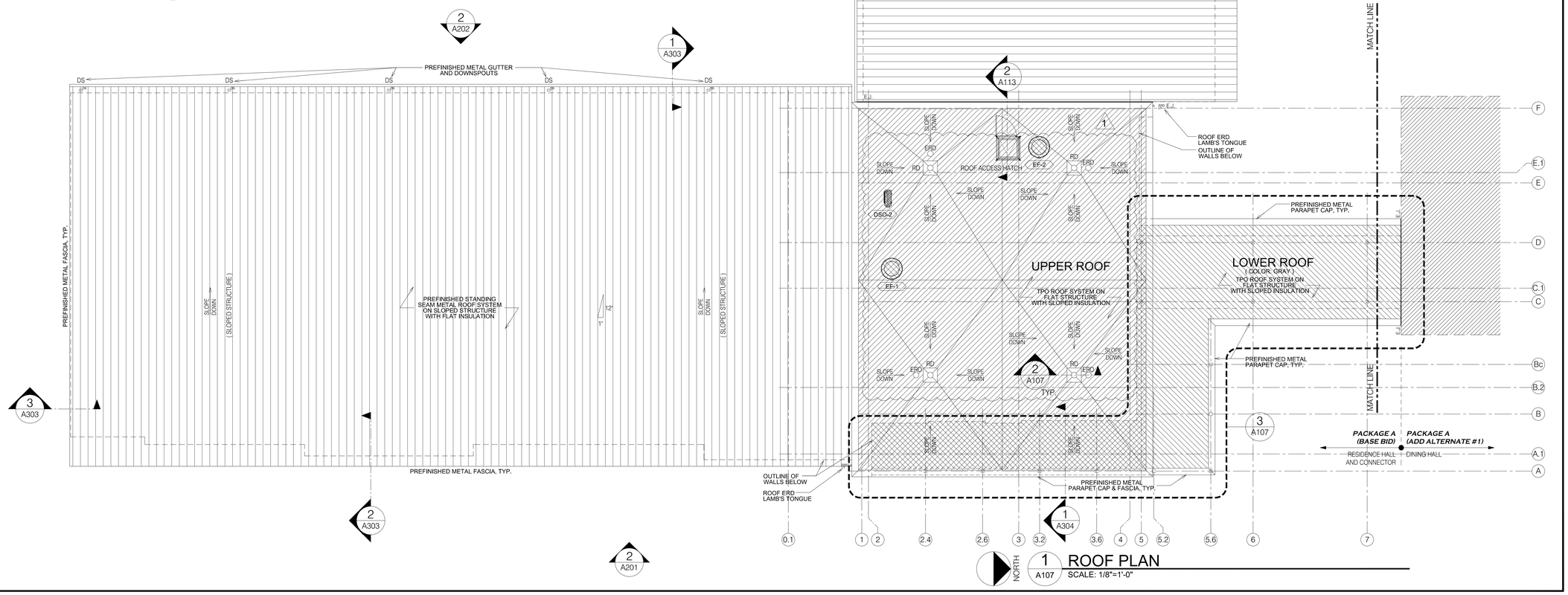
N.T.S.



3 A107 LOWER ROOF PLAN

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





1 A107 ROOF PLAN

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

GENERAL ROOF NOTES

1. INSULATION TO SLOPE 1/4" PER FOOT (MIN). CRICKETS SLOPE @ 1/2" PER FOOT. (NOTE: LOWER ROOF STRUCTURE IS FLAT WITH TAPERED INSULATION, WHILE UPPER ROOF STRUCTURE IS SLOPED WITH FLAT INSULATION, UNLESS NOTED OTHERWISE.)
2. ROOF INSULATION TO BE MIN. 4" TOTAL THICKNESS (R-23.6); RIGID INSULATION MECHANICALLY ATTACHED TO METAL DECK TO MEET FM4450; WITH 1/2" COVER BOARD. (NOTE: INSULATION @ CANOPIES IS 1" (MIN.), TAPERED, WITH 1/2" COVER BOARD.)
3. TAPERED POLY-ISO BOARD CRICKETS INSTALLED BETWEEN ROOF DRAINS AND UPSLOPE OF MECHANICAL UNITS, ROOF HATCH, ETC.
4. PREFINISHED METAL GUTTERS & DOWNSPOUTS AT UPPER ROOF: GUTTER IS 6"x6" (MIN.) & DOWNSPOUTS (8) ARE 4"x4" (MIN.).
5. VERIFY ROOF DRAIN LAYOUT IS COORDINATED WITH STRUCTURAL ITEMS BELOW METAL DECK FOR ADEQUATE INSTALLATION SPACE.
6. ROOF TOP ITEMS (EQUIPMENT, FANS, ETC.) SHOWN FOR COORDINATION PURPOSES. VERIFY ALL FINAL QUANTITIES, LOCATIONS, ETC. WITH FULL SET OF CONSTRUCTION DOCUMENTS.

ROOF LEGEND

SYMBOL	DESCRIPTION
RD	PRIMARY ROOF DRAIN
ERD	EMERGENCY / OVERFLOW ROOF DRAIN
DS / SB	DOWNSPOUT WITH SPLASH BLOCK
	EXTRUDED ALUMINUM CANOPY
	ROOF ACCESS HATCH

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4/30/2025

CONSTRUCTION DOCUMENTS

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Drawn: FBH, MWS, NAM
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THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

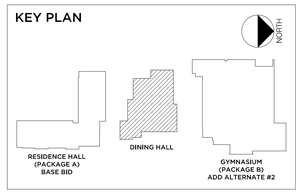
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A107

RESIDENCE HALL ROOF PLAN

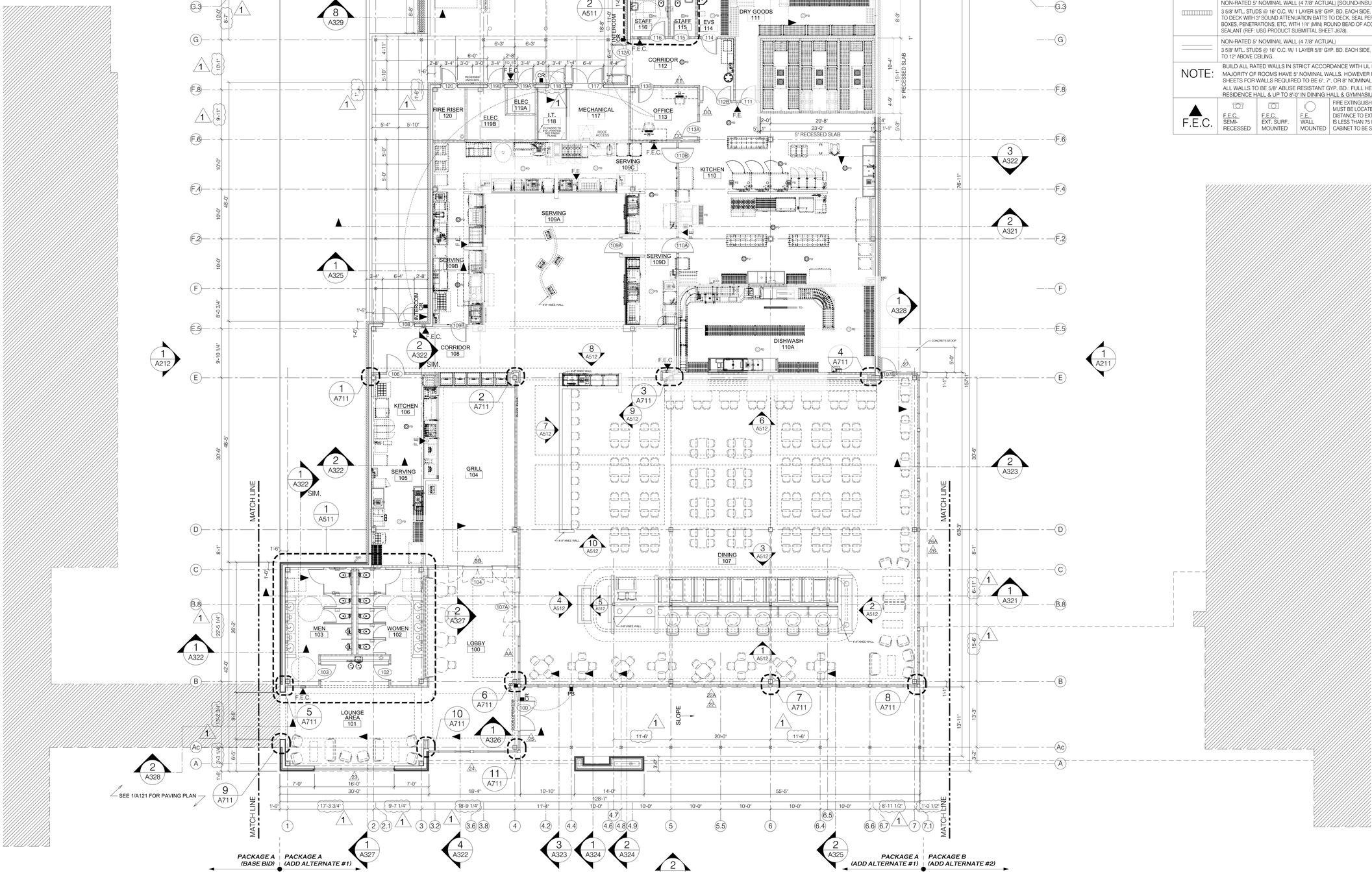
1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE

KEY PLAN



LIFE SAFETY / WALL LEGEND

SYMBOL	DESCRIPTION
	2-HOUR FIRE WALL: U.L. DES. NO. U419 3 5/8" MTL. STUDS @ 16" O.C. W/ (2) LAYERS 5/8" TYPE 'X' GYP. BD. EACH SIDE, EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK.
	1-HOUR FIRE WALL 12" CONCRETE WALL, POURED-IN-PLACE.
	1-HOUR FIRE WALL 7 5/8" CMU
	1-HOUR FIRE SHAFT WALL: U.L. DES. NO. U438 6" MTL. C-H STUDS @ 24" O.C. W/ 1" WALLBOARD LINER PANEL (MR) INSERTED INTO "H" SECTION OF C-H STUD WITH (2) LAYERS 1/2" TYPE "X" GYP. BD. ON OPPOSITE SIDE, EXTEND WALL TO DECK WITH 5 1/2" SOUND ATTENUATION BATTS TO DECK.
	1-HOUR FIRE WALL: U.L. DES. NO. U419 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" TYPE "X" GYPSUM BOARD EACH SIDE, EXTEND WALL TO 1 HR FIRE-RATED CEILING ASSEMBLY WITH 3" SOUND ATTENUATION BATTS. NOTE: IN ROOMS WITHOUT FIRE-RATED CEILING, EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK.
	30-MIN FIRE WALL: [LOAD-BEARING] [SOUND-INSULATED] 6" MTL. STRUCTURAL STUDS @ 16" O.C. W/ 1 LAYER 5/8" TYPE "X" GYP. BD. EACH SIDE, EXTEND WALL TO DECK WITH 5 1/2" SOUND ATTENUATION BATTS TO DECK, SEAL PERIMETER, ELEC. BOXES, PENETRATIONS, ETC. WITH 1/4" (MIN) ROUND BEAD OF ACOUSTICAL SEALANT (REF: USG PRODUCT SUBMITTAL SHEET J678).
	NON-RATED 5" NOMINAL WALL (4 7/8" ACTUAL) [SOUND-INSULATED] 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" GYP. BD., EACH SIDE. EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK. SEAL PERIMETER, ELEC. BOXES, PENETRATIONS, ETC. WITH 1/4" (MIN) ROUND BEAD OF ACOUSTICAL SEALANT (REF: USG PRODUCT SUBMITTAL SHEET J678).
	NON-RATED 5" NOMINAL WALL (4 7/8" ACTUAL) 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" GYP. BD. EACH SIDE. EXTEND WALL TO 12" ABOVE CEILING.
NOTE:	BUILD ALL RATED WALLS IN STRICT ACCORDANCE WITH UL DESIGN. MAJORITY OF ROOMS HAVE 5" NOMINAL WALLS. HOWEVER REFER TO PLAN SHEETS FOR WALLS REQUIRED TO BE 6", 7", OR 8" NOMINAL. ALL WALLS TO BE 5/8" ABUSE RESISTANT GYP. BD.. FULL HEIGHT IN RESIDENCE HALL & UP TO 8'-0" IN DINING HALL & GYMNASIUM.
F.E.C.	F.E.C. SEMI-RECESSED / F.E.C. EXT. SURF. MOUNTED / F.E. WALL MOUNTED FIRE EXTINGUISHER CABINETS MUST BE LOCATED SO TRAVEL DISTANCE TO EXTINGUISHER IS LESS THAN 75 FEET (EXT. CABINET TO BE STAINLESS STL)



1 A111 FLOOR PLAN (ADD ALTERNATE #1)
SCALE: 1/8"=1'-0" 14,592 GSF

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REGISTERED ARCHITECT Kenneth Allen Oubre 3850 JACKSON, MS STATE OF MISSISSIPPI
9/30/2025
CONSTRUCTION DOCUMENTS

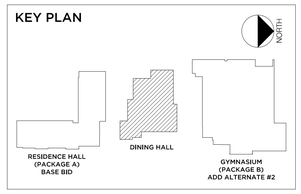
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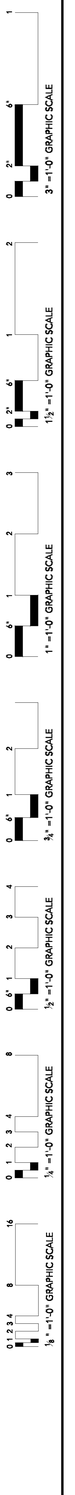
THE COMMONS - PACKAGE A
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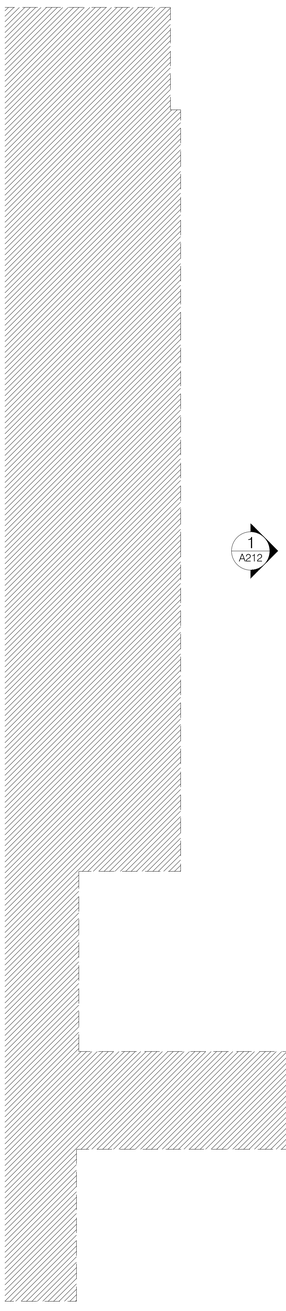
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DINING HALL FLOOR PLAN

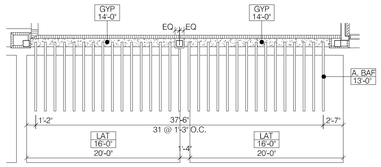
THE COMMONS - PACKAGE A
PEARL, MS
24053

KEY PLAN

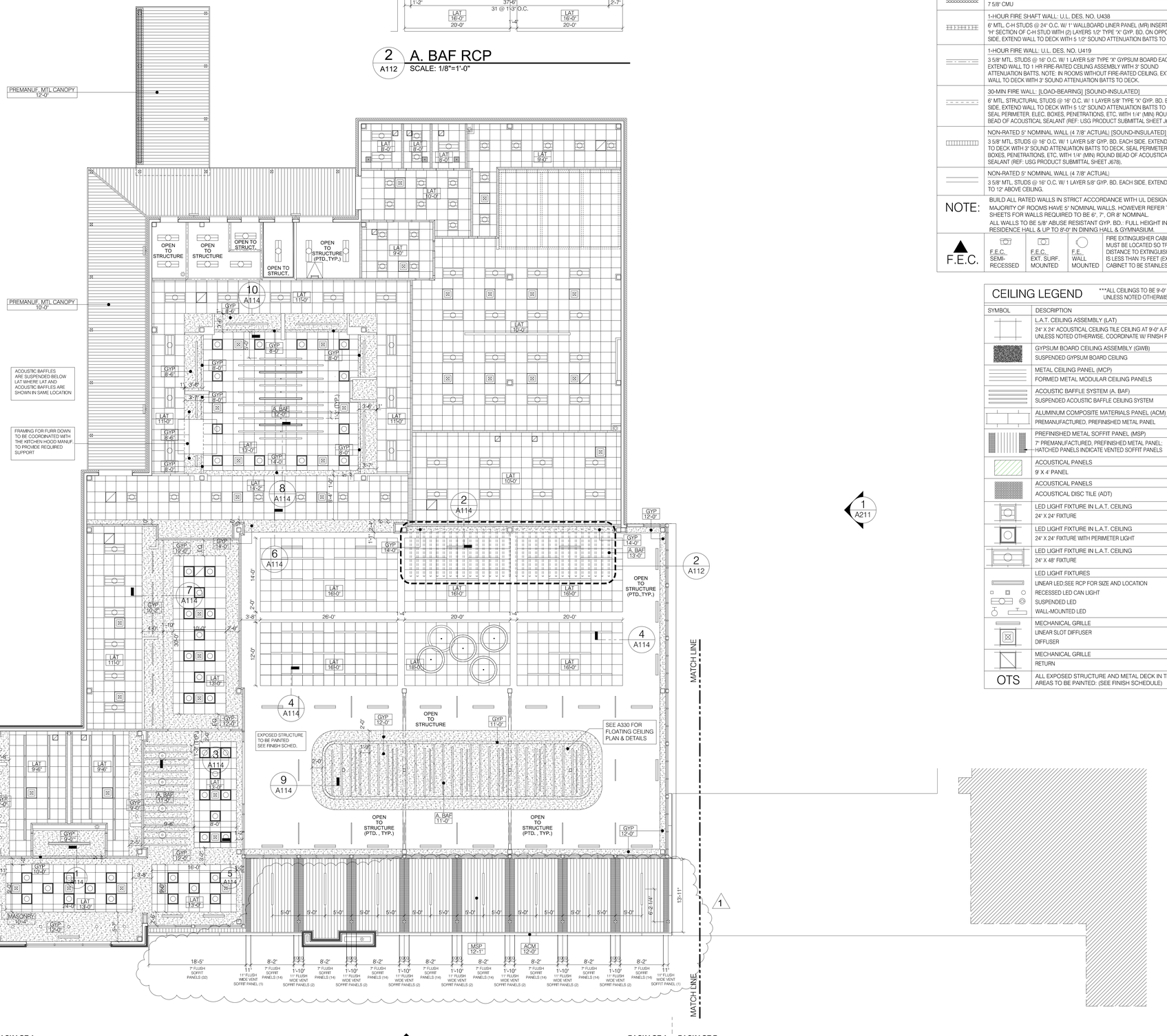








2 A. BAF RCP
A112 SCALE: 1/8"=1'-0"





PACKAGE A (BASE BID) — RESIDENCE HALL AND CONNECTOR
PACKAGE A (ADD ALTERNATE #1) — DINING HALL
PACKAGE A (ADD ALTERNATE #1) — DINING HALL
PACKAGE B (ADD ALTERNATE #2) — GYMNASIUM AND CANOPY

REFLECTED CEILING PLAN (ADD ALTERNATE #1)
1 A112 SCALE: 1/8"=1'-0"

LIFE SAFETY / WALL LEGEND

SYMBOL	DESCRIPTION
	2-HOUR FIRE WALL: U.L. DES. NO. U419 3 5/8" MTL. STUDS @ 16" O.C. W/ (2) LAYERS 5/8" TYPE 'X' GYP. BD. EACH SIDE, EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK.
	1-HOUR FIRE WALL 12" CONCRETE WALL, POURED-IN-PLACE.
	1-HOUR FIRE WALL 7 5/8" CMU
	1-HOUR FIRE SHAFT WALL: U.L. DES. NO. U438 6" MTL. C-H STUDS @ 24" O.C. W/ 1" WALLBOARD LINER PANEL (MR) INSERTED INTO 'H' SECTION OF C-H STUD WITH (2) LAYERS 1/2" TYPE 'X' GYP. BD. ON OPPOSITE SIDE, EXTEND WALL TO DECK WITH 5 1/2" SOUND ATTENUATION BATTS TO DECK.
	1-HOUR FIRE WALL: U.L. DES. NO. U419 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE, EXTEND WALL TO 1 HR FIRE-RATED CEILING ASSEMBLY WITH 3" SOUND ATTENUATION BATTS. NOTE: IN ROOMS WITHOUT FIRE-RATED CEILING, EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK.
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F.E.C.	F.E.C. SEMI-RECESSED; F.E.C. EXT. SURF. MOUNTED; F.E. WALL MOUNTED FIRE EXTINGUISHER CABINETS MUST BE LOCATED SO TRAVEL DISTANCE TO EXTINGUISHER IS LESS THAN 75 FEET (EXT. CABINET TO BE STAINLESS STL)

CEILING LEGEND
ALL CEILINGS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE

SYMBOL	DESCRIPTION
	L.A.T. CEILING ASSEMBLY (LAT) 24" X 24" ACOUSTICAL CEILING TILE CEILING AT 9'-0" A.F.F. UNLESS NOTED OTHERWISE. COORDINATE W/ FINISH PLANS.
	GYPSUM BOARD CEILING ASSEMBLY (GWB) SUSPENDED GYPSUM BOARD CEILING
	METAL CEILING PANEL (MCP) FORMED METAL MODULAR CEILING PANELS
	ACOUSTIC BAFFLE SYSTEM (A. BAF) SUSPENDED ACOUSTIC BAFFLE CEILING SYSTEM
	ALUMINUM COMPOSITE MATERIALS PANEL (ACM) PREMANUFACTURED. PREFINISHED METAL PANEL
	PREFINISHED METAL SOFFIT PANEL (MSP) 7" PREMANUFACTURED, PREFINISHED METAL PANEL; HATCHED PANELS INDICATE VENTED SOFFIT PANELS
	ACOUSTICAL PANELS 9' X 4' PANEL
	ACOUSTICAL PANELS ACOUSTICAL DISC TILE (ADT)
	LED LIGHT FIXTURE IN L.A.T. CEILING 24" X 24" FIXTURE
	LED LIGHT FIXTURE IN L.A.T. CEILING 24" X 24" FIXTURE WITH PERIMETER LIGHT
	LED LIGHT FIXTURE IN L.A.T. CEILING 24" X 48" FIXTURE
	LED LIGHT FIXTURES LINEAR LED;SEE RCP FOR SIZE AND LOCATION RECESSED LED CAN LIGHT SUSPENDED LED WALL-MOUNTED LED
	MECHANICAL GRILLE LINEAR SLOT DIFFUSER DIFFUSER
	MECHANICAL GRILLE RETURN
OTS	ALL EXPOSED STRUCTURE AND METAL DECK IN THESE AREAS TO BE PAINTED: (SEE FINISH SCHEDULE)

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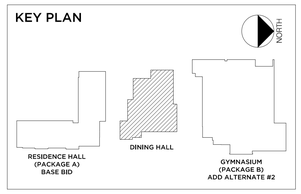
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PEARL, MISSISSIPPI

Sheet Number:
A112
DINING HALL REFLECTED CEILING PLAN

THE COMMONS - PACKAGE A
PEARL, MS
24053

KEY PLAN

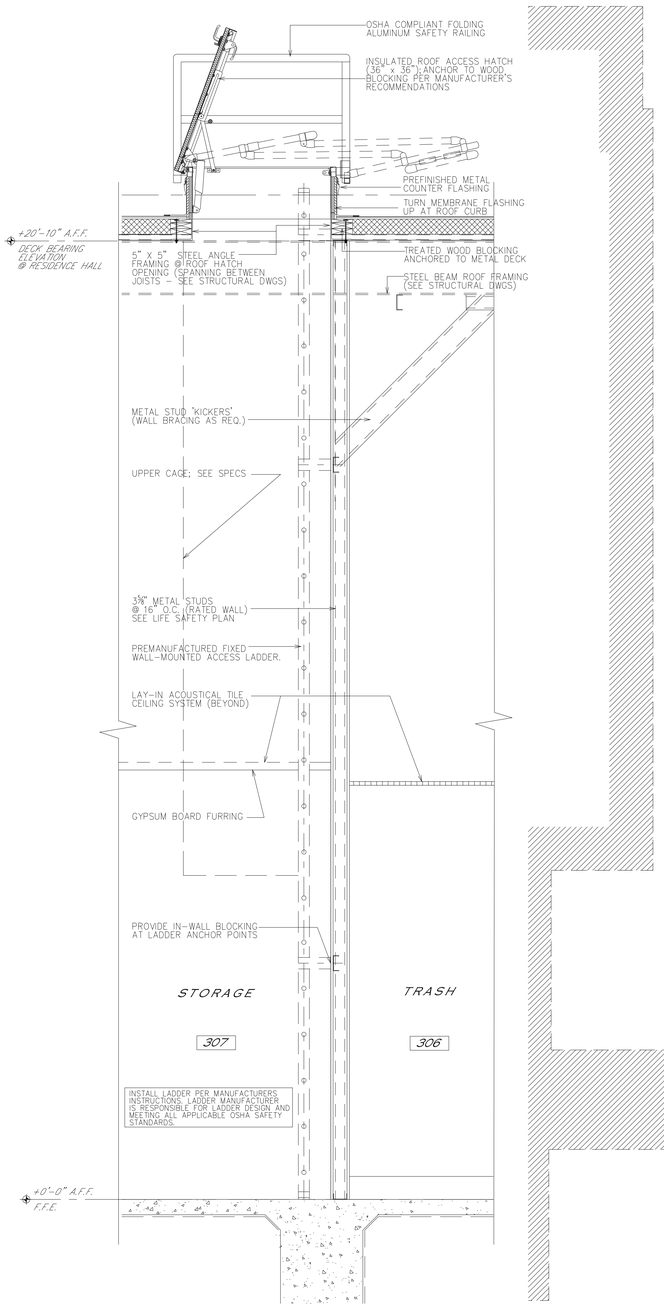


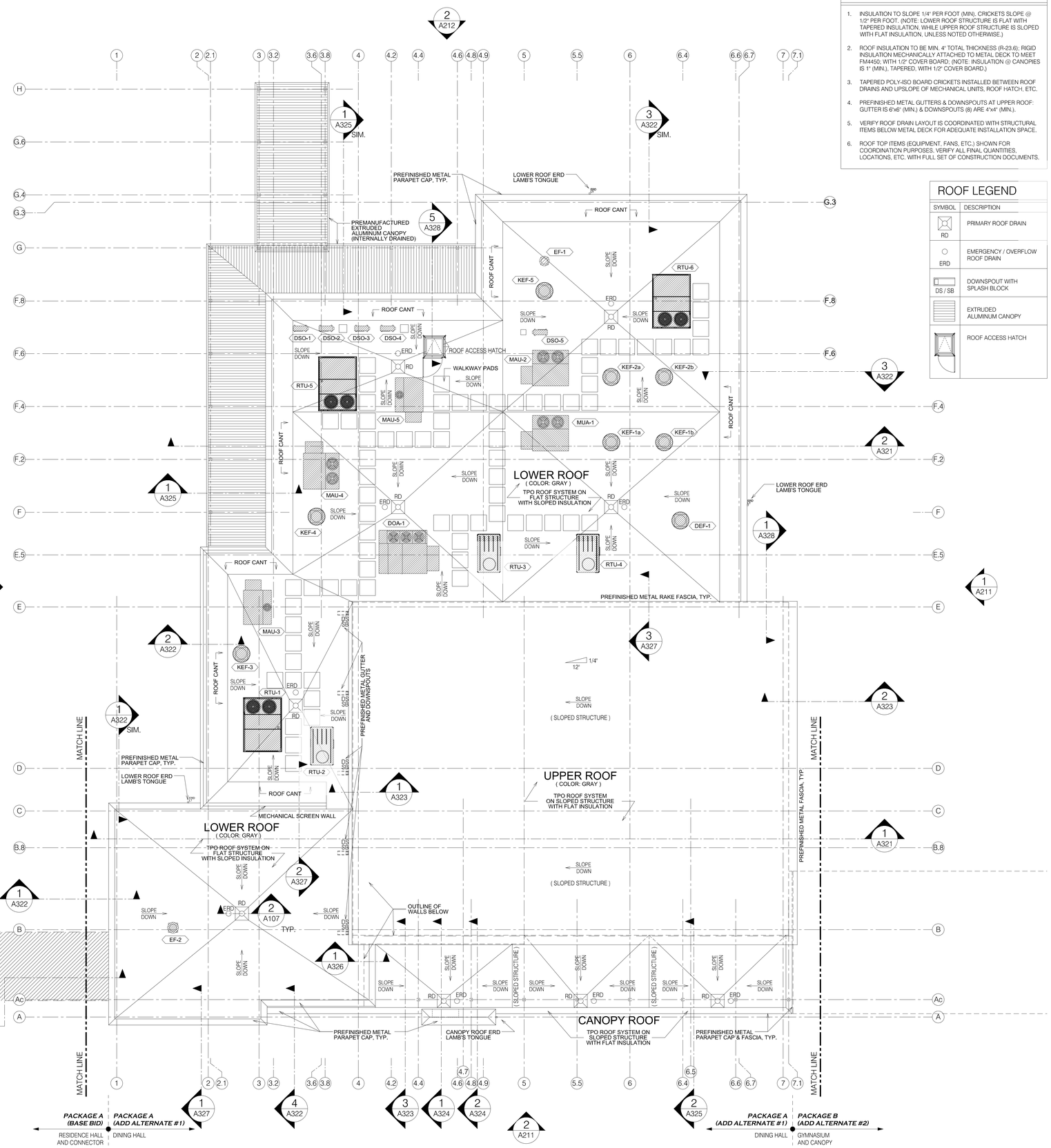
GENERAL ROOF NOTES

1. INSULATION TO SLOPE 1/4" PER FOOT (MIN). CRICKETS SLOPE @ 1/2" PER FOOT. (NOTE: LOWER ROOF STRUCTURE IS FLAT WITH TAPERED INSULATION, WHILE UPPER ROOF STRUCTURE IS SLOPED WITH FLAT INSULATION, UNLESS NOTED OTHERWISE.)
2. ROOF INSULATION TO BE MIN. 4" TOTAL THICKNESS (R-23.6); RIGID INSULATION MECHANICALLY ATTACHED TO METAL DECK TO MEET FM4450; WITH 1/2" COVER BOARD. (NOTE: INSULATION @ CANOPIES IS 1" (MIN.), TAPERED, WITH 1/2" COVER BOARD.)
3. TAPERED POLY-ISO BOARD CRICKETS INSTALLED BETWEEN ROOF DRAINS AND UPSLOPE OF MECHANICAL UNITS, ROOF HATCH, ETC.
4. PREFINISHED METAL GUTTERS & DOWNSPOUTS AT UPPER ROOF: GUTTER IS 6"x6" (MIN.) & DOWNSPOUTS (8) ARE 4"x4" (MIN.).
5. VERIFY ROOF DRAIN LAYOUT IS COORDINATED WITH STRUCTURAL ITEMS BELOW METAL DECK FOR ADEQUATE INSTALLATION SPACE.
6. ROOF TOP ITEMS (EQUIPMENT, FANS, ETC.) SHOWN FOR COORDINATION PURPOSES. VERIFY ALL FINAL QUANTITIES, LOCATIONS, ETC. WITH FULL SET OF CONSTRUCTION DOCUMENTS.

ROOF LEGEND

SYMBOL	DESCRIPTION
RD	PRIMARY ROOF DRAIN
ERD	EMERGENCY / OVERFLOW ROOF DRAIN
DS / SB	DOWNSPOUT WITH SPLASH BLOCK
	EXTRUDED ALUMINUM CANOPY
	ROOF ACCESS HATCH





2 A113 WALL SECTION @ ROOF HATCH
SCALE: 3/4"=1'-0"

NORTH

1 A113 ROOF PLAN (ADD ALTERNATE #1)
SCALE: 1/8"=1'-0"

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REGISTERED ARCHITECT
Kenneth Allen Oubre
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PEARL, MISSISSIPPI

Sheet Number: 1
A113
DINING HALL ROOF PLAN

THE COMMONS - PACKAGE A
PEARL, MS
24053

CODE NOTES - GYMNASIUM

JURISDICTION

- CITY OF PEARL, MISSISSIPPI
- STATE OF MISSISSIPPI - FIRE MARSHAL

APPLICABLE CODES

- INTERNATIONAL BUILDING CODE, 2018 AND 2024 EDITIONS
- INTERNATIONAL PLUMBING CODE, 2018 EDITION
- INTERNATIONAL MECHANICAL CODE, 2018 EDITION
- INTERNATIONAL FUEL GAS CODE, 2018 EDITION
- INTERNATIONAL ELECTRICAL CODE, 2018 EDITION
- INTERNATIONAL FIRE CODE, 2018 AND 2024 EDITIONS
- ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, 2017 EDITION (ICC/A117.1)
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN: TITLE III OF THE 28 CFR PART 36, SUBPART D PLUS 2004 ADAAG OF 36 CFR PART 1191, APPENDICES B AND D, STANDARDS FOR PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES

OCCUPANCY CLASSIFICATION

- ASSEMBLY GROUP A-4 (IBC SECTION 303.5)
- ASSEMBLY GROUP A-3 (IBC SECTION 303.4)
- BUSINESS GROUP B (IBC SECTION 303.1.2) - FOR ASSEMELY AREAS WITH FEWER THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY

CONSTRUCTION TYPE

- IBC TYPE II-B, UNPROTECTED NON-COMBUSTIBLE (IBC SECTION 602.2) / NFPA TYPE II (000):
- IBC TABLE 601, FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
  - PRIMARY STRUCTURAL FRAME - 0 HRS
  - BEARING WALLS - 0 HRS
  - NONBEARING WALLS AND PARTITIONS, EXTERIOR - 0 HRS (TABLE 602: 10' ≤ X < 30')
  - NONBEARING WALLS AND PARTITIONS, INTERIOR - 0 HRS
  - FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS - 0 HRS
  - ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS - 0 HRS
- IBC TABLE 602, FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE:
  - X ≥ 30' 0-HOUR FIRE-RESISTANCE RATING

FIRE PROTECTION

- FULLY SPRINKLERED (NFPA 13)
- FIRE EXTINGUISHERS (NFPA 10)

HEIGHT AND AREA LIMITATIONS

- ALLOWABLE BUILDING HEIGHT ABOVE GRADE PLANE - 75' (IBC TABLE 504.3).
  - ACTUAL HEIGHT: 39'
- ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE - 3 (IBC TABLE 504.4).
  - ACTUAL NUMBER OF STORIES: 1
- ALLOWABLE AREA PER FLOOR - 38,000 SF (IBC TABLE 506.2) - UNMODIFIED.
  - ACTUAL FLOOR AREA: 37,128 SF

MEANS OF EGRESS

- THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-6" AFF (IBC SECTION 1003.2).
- OBJECTS WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" AFF SHALL NOT PROJECT HORIZONTALLY MORE THAN 4" INTO THE CIRCULATION PATH - HANDRAILS MAY PROTUDE 4.5" FROM THE WALL OR GUARD (IBC SECTION 1003.3.3).
- WHERE AN AREA UNDER CONSIDERATION CONTAINS MULTIPLE FUNCTIONS HAVING DIFFERENT OCCUPANT LOAD FACTORS, THE DESIGN OCCUPANT LOAD FOR SUCH AREA SHALL BE BASED ON THE FLOOR AREA OF EACH FUNCTION CALCULATED INDEPENDENTLY (IBC SECTION 1004.3).
- DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 7". DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 1/2 (IBC SECTION 1005.7.1).
- MAXIMUM OCCUPANT LOAD OF A SPACE WITH A SINGLE EXIT IN GROUP A-3 & A-4 - 49 OCCUPANTS: MAXIMUM COMMON PATH OF EGRESS TRAVEL - 75' (IBC TABLE 1006.2.1).
- PIVOT OR SIDE-HINGED SWINGING DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS (IBC SECTION 1010.1.2.1).
- MAXIMUM EXIT ACCESS TRAVEL DISTANCE - 250' (IBC TABLE 1017.2).
- CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLE 1020.1 (IBC SECTION 1020.1). GROUP A OCCUPANCY FOR OCCUPANT LOADS SERVING GREATER THAN 30 OCCUPANTS THE REQUIRED FIRE-RESISTANCE RATING OF CORRIDORS SHALL BE 0-HRS (IBC TABLE 1020.1).
- MINIMUM CORRIDOR WIDTH - 44": WITH OCCUPANT LOAD LESS THAN 50 - 36" (IBC TABLE 1020.2).
- WHERE MORE THAN ONE EXIT OR EXIT ACCESS DOORWAY IS REQUIRED, THE EXIT ACCESS SHALL BE ARRANGED SUCH THAT DEAD-END CORRIDORS DO NOT EXCEED 20' IN LENGTH: EXCEPTION #2 - WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, THE LENGTH OF THE DEAD-END CORRIDORS SHALL NOT EXCEED 50': EXCEPTION #3 - A DEAD-END CORRIDOR SHALL NOT BE LIMITED IN LENGTH WHERE THE LENGTH OF THE DEAD-END CORRIDOR IS LESS THAN 2.5 TIMES THE LEAST WIDTH OF THE DEAD-END CORRIDOR (IBC SECTION 1020.4).

SPECIAL CONSTRUCTION

- CANOPIES SHALL BE PROVIDED WITH AN APPROVED COVERING THAT COMPLIES WITH ONE OF THE FOLLOWING: (1) THE FIRE PROPOGATION PERFORMANCE CRITERIA OF TEST METHOD 1 OR METHOD 2, AS APPROPRIATE, OF NFPA 701, (2) HAS A FLAME SPREAD INDEX NOT GREATER THAN 25 WHEN TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723, (3) MEETS ALL OF THE FOLLOWING CRITERIA WHEN TESTED IN ACCORDANCE WITH NFPA 256: DURING THE 40kW EXPOSURE, FLAMES SHALL NOT SPREAD TO THE CEILING; FLASHOVER, AS DEFINED IN NFPA 286, SHALL NOT OCCUR; THE FLAME SHALL NOT SPREAD TO THE OUTER EXTREMITY OF THE SAMPLE ON ANY WALL OR CEILING; THE PEAK HEAT RELEASE RATE THROUGHOUT THE TEST SHALL NOT EXCEED 800 kW (IBC SECTION 3105.3).

PLUMBING FIXTURE COUNT

- IBC/IPC MINIMUM REQUIRED PLUMBING FIXTURES (IPC TABLE 403.1):

MALE WATER CLOSETS:	7.21 CALCULATED	8 REQUIRED
MALE LAVATORIES:	2.70 CALCULATED	3 REQUIRED
FEMALE WATER CLOSETS:	13.51 CALCULATED	14 REQUIRED
FEMALE LAVATORIES:	3.60 CALCULATED	4 REQUIRED
DRINKING FOUNTAINS:	1.08 CALCULATED	2 REQUIRED
SERVICE SINKS:		1 REQUIRED

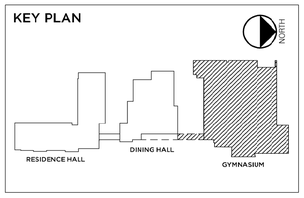
- NUMBER OF ACTUAL PLUMBING FIXTURES:

MALE WATER CLOSETS:	5
MALE URINALS:	2
MALE LAVATORIES:	6
FEMALE WATER CLOSETS:	13
FEMALE LAVATORIES:	9
UNISEX WATER CLOSETS:	13
UNISEX LAVATORIES:	9
DRINKING FOUNTAINS:	4
SERVICE SINKS:	3

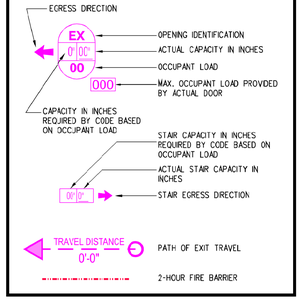
- WHERE DRINKING FOUNTAINS ARE REQUIRED, NOT FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. ONE SHALL COMPLY WITH THE REQUIREMENTS FOR PEOPLE WHO USE A WHEELCHAIR AND THE OTHER SHALL COMPLY WITH THE REQUIREMENTS FOR STANDING PERSONS (IPC SECTION 410.3 & IBC SECTION 1109.5.1).
- WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR NOT MORE THAN 50 PERCENT OF THE REQUIRED NUMBER OF DRINKING FOUNTAINS (IPC SECTION 410.4).

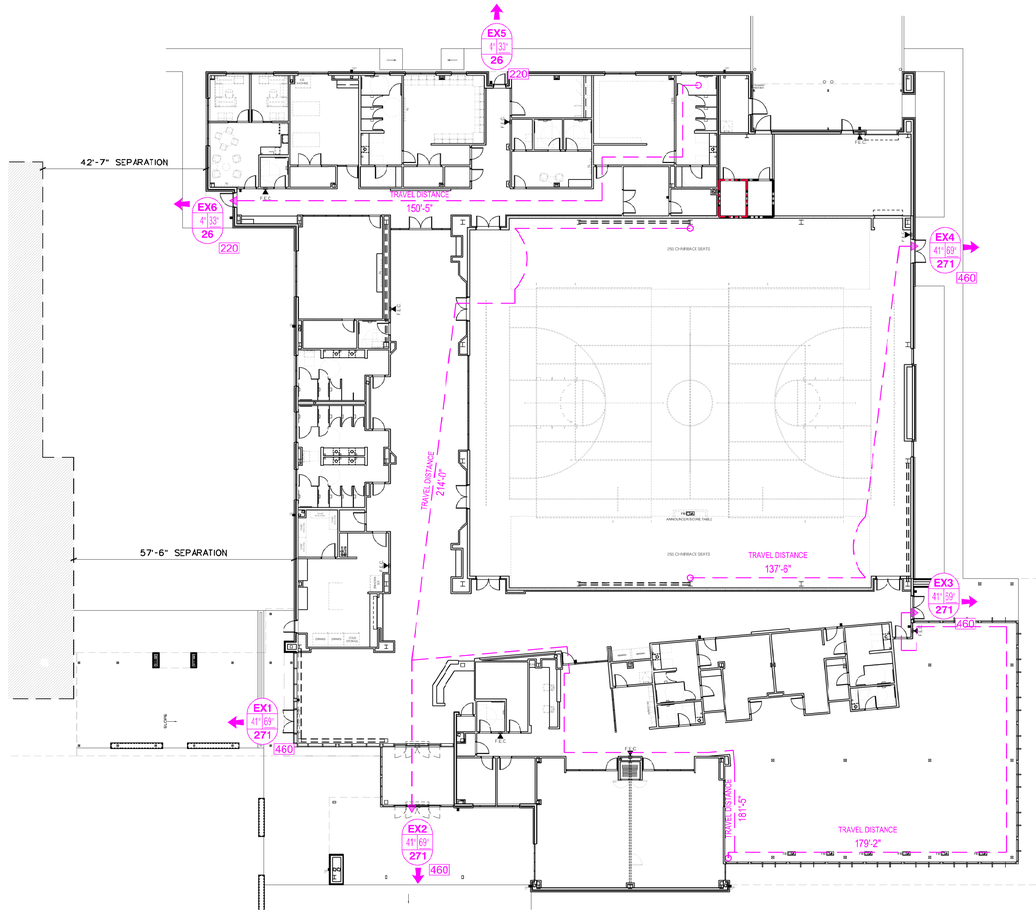
BUILDING AREA	
TOTAL AREA	37,128 SQ. FT.

KEY PLAN



LIFE SAFETY PLAN LEGEND





OCCUPANT LOAD = 1,081

1 / LS101 — LIFE SAFETY PLAN

SCALE: 1/16" = 1'-0"

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Kenneth Allen Cubre 3850 JACKSON, MS — 9/30/2025

CONSTRUCTION DOCUMENTS

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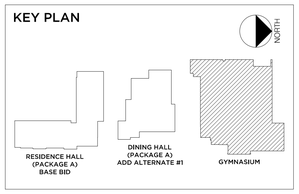
THE COMMONS - PACKAGE B (ADD ALTERNATE #2)
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number: LS101

GYMNASIUM
LIFE SAFETY PLAN

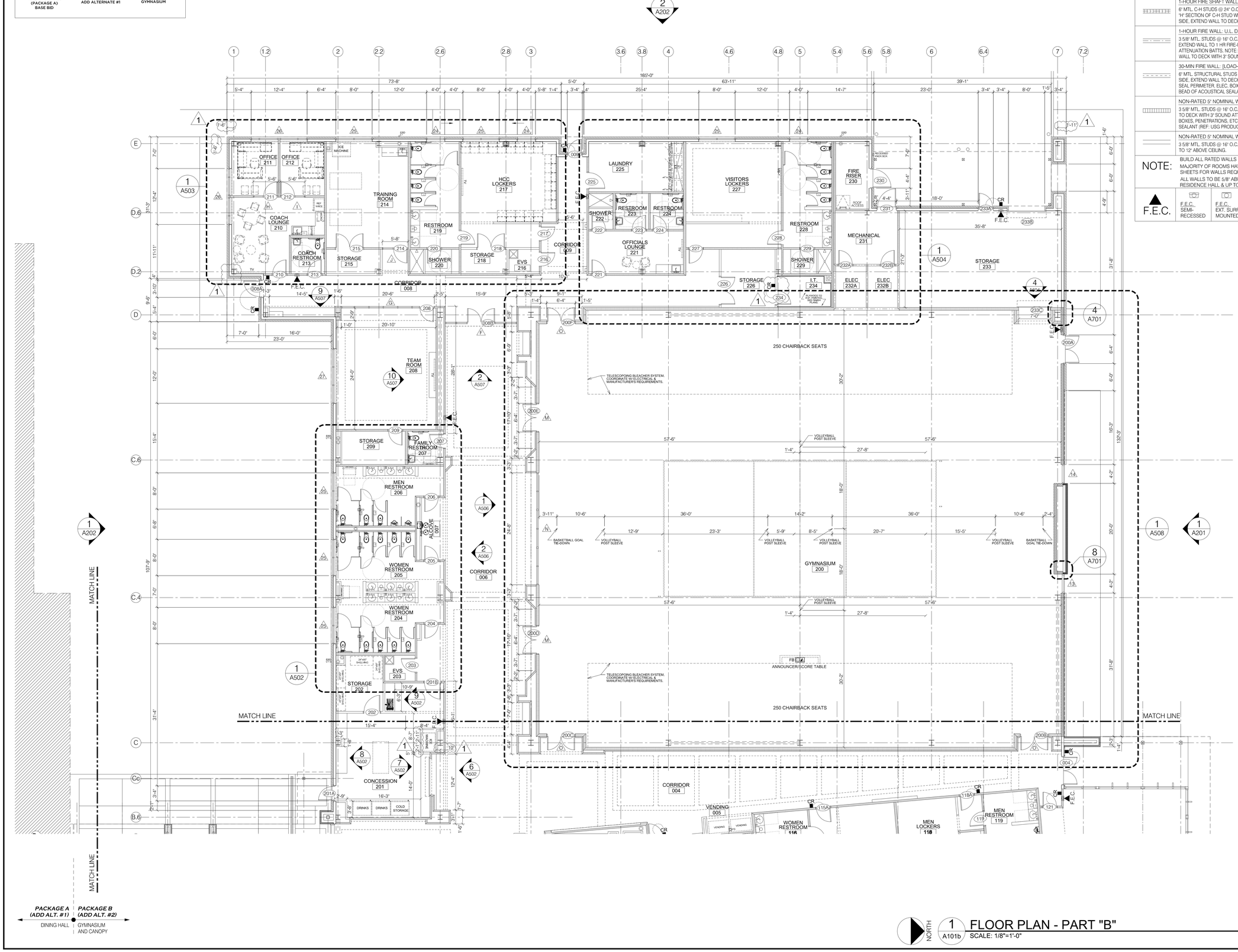
1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE
1/16" = 1'-0" GRAPHIC SCALE

KEY PLAN



LIFE SAFETY / WALL LEGEND

SYMBOL	DESCRIPTION
	2-HOUR FIRE WALL: U.L. DES. NO. U419 3 5/8" MTL. STUDS @ 16" O.C. W/ (2) LAYERS 5/8" TYPE 'X' GYP. BD. EACH SIDE, EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK.
	1-HOUR FIRE WALL 12" CONCRETE WALL, POURED-IN-PLACE.
	1-HOUR FIRE WALL 7 5/8" CMU
	1-HOUR FIRE SHAFT WALL: U.L. DES. NO. U438 6" MTL. C-H STUDS @ 24" O.C. W/ 1" WALLBOARD LINER PANEL (MR) INSERTED INTO 'H' SECTION OF C-H STUD WITH (2) LAYERS 1/2" TYPE 'X' GYP. BD. ON OPPOSITE SIDE, EXTEND WALL TO DECK WITH 5 1/2" SOUND ATTENUATION BATTS TO DECK.
	1-HOUR FIRE WALL: U.L. DES. NO. U419 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE, EXTEND WALL TO 1 HR FIRE-RATED CEILING ASSEMBLY WITH 3" SOUND ATTENUATION BATTS. NOTE: IN ROOMS WITHOUT FIRE-RATED CEILING, EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK.
	30-MIN FIRE WALL: [LOAD-BEARING] [SOUND-INSULATED] 6" MTL. STRUCTURAL STUDS @ 16" O.C. W/ 1 LAYER 5/8" TYPE 'X' GYP. BD. EACH SIDE, EXTEND WALL TO DECK WITH 5 1/2" SOUND ATTENUATION BATTS TO DECK, SEAL PERIMETER, ELEC. BOXES, PENETRATIONS, ETC. WITH 1/4" (MIN) ROUND BEAD OF ACOUSTICAL SEALANT (REF: USG PRODUCT SUBMITTAL SHEET J678).
	NON-RATED 5" NOMINAL WALL (4 7/8" ACTUAL) [SOUND-INSULATED] 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" GYP. BD., EACH SIDE. EXTEND WALL TO DECK WITH 3" SOUND ATTENUATION BATTS TO DECK. SEAL PERIMETER, ELEC. BOXES, PENETRATIONS, ETC. WITH 1/4" (MIN) ROUND BEAD OF ACOUSTICAL SEALANT (REF: USG PRODUCT SUBMITTAL SHEET J678).
	NON-RATED 5" NOMINAL WALL (4 7/8" ACTUAL) 3 5/8" MTL. STUDS @ 16" O.C. W/ 1 LAYER 5/8" GYP. BD. EACH SIDE. EXTEND WALL TO 12" ABOVE CEILING.
NOTE:	BUILD ALL RATED WALLS IN STRICT ACCORDANCE WITH UL DESIGN. MAJORITY OF ROOMS HAVE 5" NOMINAL WALLS. HOWEVER REFER TO PLAN SHEETS FOR WALLS REQUIRED TO BE 6", 7", OR 8" NOMINAL. ALL WALLS TO BE 5/8" ABUSE RESISTANT GYP. BD.. FULL HEIGHT IN RESIDENCE HALL & UP TO 8'-0" IN DINING HALL & GYMNASIUM.
F.E.C.	F.E.C. SEMI-RECESSED; F.E.C. EXT. SURF. MOUNTED; F.E. WALL MOUNTED FIRE EXTINGUISHER CABINETS MUST BE LOCATED SO TRAVEL DISTANCE TO EXTINGUISHER IS LESS THAN 75 FEET (EXT. CABINET TO BE STAINLESS STL)



PACKAGE A (ADD ALT. #1) — DINING HALL
PACKAGE B (ADD ALT. #2) — GYMNASIUM AND CANOPY

1 A101b — FLOOR PLAN - PART "B"
SCALE: 1/8"=1'-0"

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Kenneth Allen Oubre
3850
JACKSON, MS
STATE OF MISSISSIPPI
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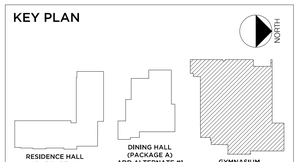
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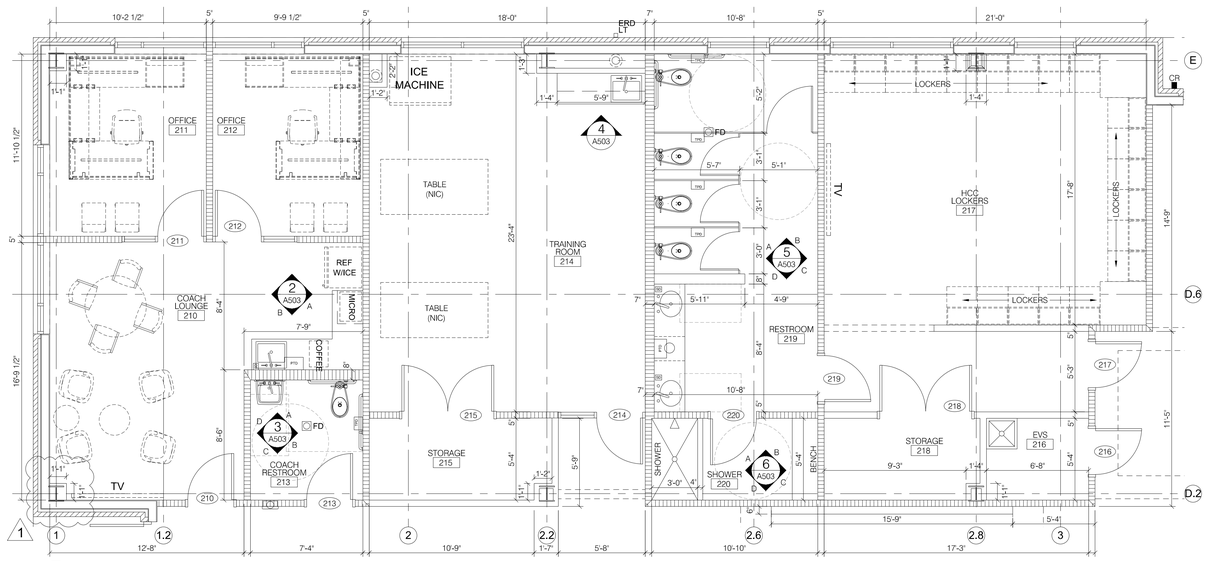
THE COMMONS - PACKAGE B (ADD ALTERNATE #2)
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number: A101b
GYMNASIUM FLOOR PLAN - PART "B"

THE COMMONS - PACKAGE B
PEARL, MS
24053

KEY PLAN





1 A503 ENLARGED FLOOR PLAN

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

ACCESSORY LEGEND

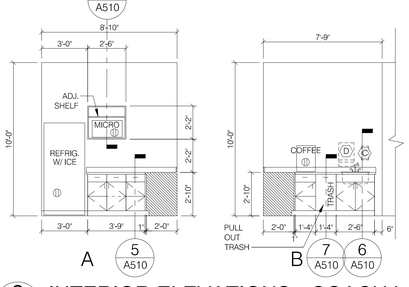
SYMBOL	DESCRIPTION
A1	42" GRAB BARS - INSTALL TO MEET ADA REQUIREMENTS
A2	36" GRAB BARS - INSTALL TO MEET ADA REQUIREMENTS
A3	18" GRAB BARS - INSTALL TO MEET ADA REQUIREMENTS
A4	24" GRAB BARS - INSTALL TO MEET ADA REQUIREMENTS
A5	54" GRAB BARS - INSTALL TO MEET ADA REQUIREMENTS
B	TOILET TISSUE DISPENSER (OFCI)
C	SOAP DISPENSER (OFCI)
D	PAPER TOWEL DISPENSER (OFCI)
E	ROBE HOOK - ALL TOILETS: BOBRICK B-76717
F	FRAMED MIRROR (24"X48"): BOBRICK B-290
G	BABY CHANGING STATION
H	FRAMED MIRROR (24"X72") (CFCI)
J	MOP AND BROOM HOLDER (CFCI) - ALL EVS CLOSETS

NOTE:

(CFCI)-CONTRACTOR FURNISHED / CONTRACTOR INSTALLED

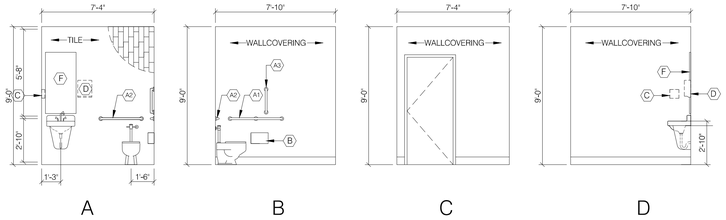
(OFCI)-OWNER FURNISHED / CONTRACTOR INSTALLED

ALL WALL MOUNTED ACCESSORIES AND/OR EQUIPMENT (CONTRACTOR OR OWNER PROVIDED) TO RECEIVE WOOD BLOCKING WITHIN WALL.



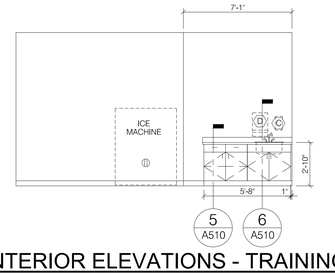
2 A503 INTERIOR ELEVATIONS - COACH LOUNGE 210

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



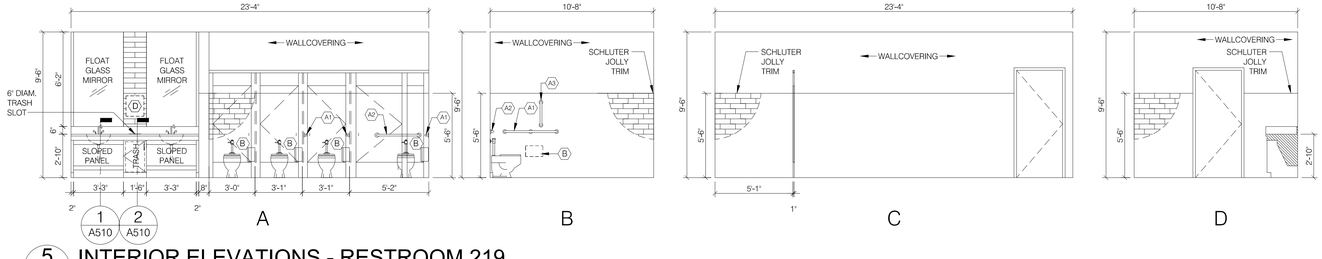
3 A503 INTERIOR ELEVATIONS - COACH RESTROOM 213

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



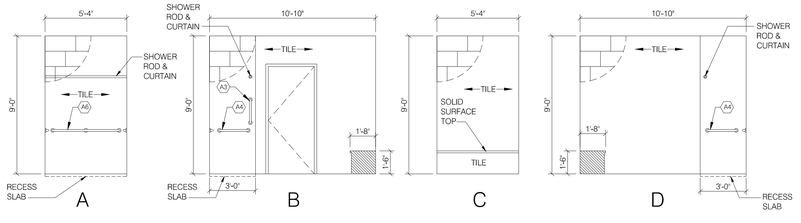
4 A503 INTERIOR ELEVATIONS - TRAINING ROOM 214

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



5 A503 INTERIOR ELEVATIONS - RESTROOM 219

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



6 A503 INTERIOR ELEVATIONS - SHOWER 220

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

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REGISTERED ARCHITECT Kenneth Allen Oubre 3850 JACKSON, MS STATE OF MISSISSIPPI

9/30/2025

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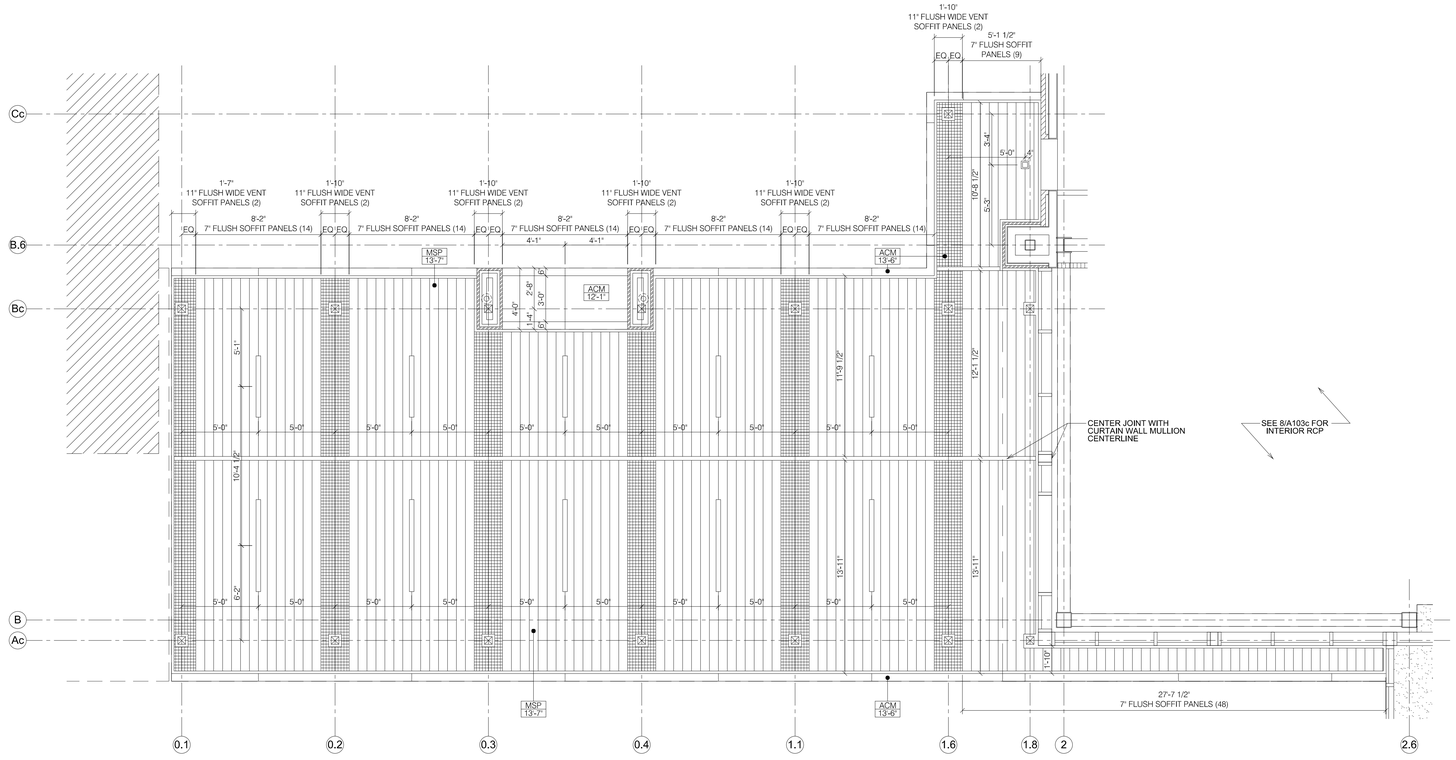
THE COMMONS - PACKAGE B (ADD ALTERNATE #2)
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:

A503

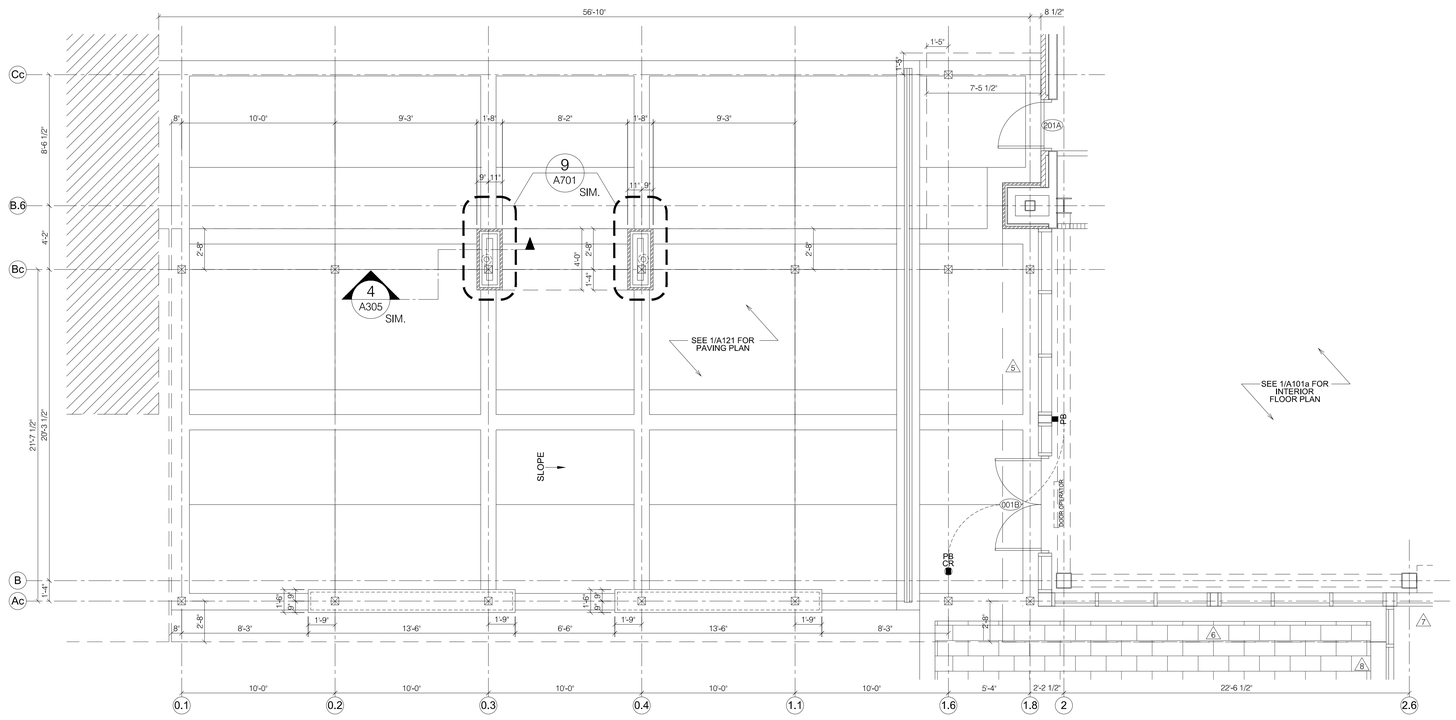
GYMNASIUM ENLARGED FLOOR PLAN & INTERIOR ELEVATIONS

1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE



NORTH

1 ENLARGED RCP
A509 SCALE: 1/4"=1'-0"



NORTH

2 ENLARGED FLOOR PLAN
A509 SCALE: 1/4"=1'-0"

1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE

THE COMMONS - PACKAGE B
PEARL, MS
24053

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REGISTERED ARCHITECT
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JACKSON, MS
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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number: 1
A509
GYMNASIUM ENLARGED FLOOR PLAN & RCP

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS

September 30, 2025

ADDENDUM NO. ONE (1) – CIVIL ENGINEERING ITEMS
The Commons – Package A and Package B
(Rankin Campus) Hinds Community College
(Community College Board)
Pearl, Mississippi

The following changes and clarifications are hereby made a part of and take precedence over conflicting sections of the Drawings and Specifications.

CIVIL - GENERAL INFORMATION AND CLARIFICATIONS:

1.1 N/A

CIVIL – PERTAINING TO THE SPECIFICATIONS:

1.2 Item #1 – Remove section 321129 – Lime Treated Base Courses.
1.3 Item #2 – Add section 321133 – Cement Treated Base.

CIVIL – PERTAINING TO THE DRAWINGS:

1.4 Item #1 – Sheet C101 Package A – The limits of the proposed temporary construction easement on the west side of the site changed.
1.5 Item #2 – Sheet C104 Package A – Subgrade treatment for the heavy-duty asphalt, light-duty asphalt, and private drive pavement sections changed from Hydrated Lime (6%) to Soil Cement (6%).
1.6 Item #3 – Sheet C105 Package A – Guard Post Detail was revised
1.7 Item #4 – Sheet C202 Package A – Inverts on Area Inlets 36,37, and 38 were revised.
1.8 Item #5 – Sheet C301 Package A – PVC Sleeve locations were added to the plan sheet, the location of the new gas service for the Gym was revised, and various notes on sheet were revised.
1.9 Item #6 – Sheet C501 Package A – Revised wall design and excavation limits per geotechnical report. Added fence along top of wall.
1.10 Item #7 – Sheet C 502 Package A – Revised notes and typical section.
1.11 Item #8 – Sheet C301 Package B – Revised fire hydrant location per city of pearl comments.

END OF CIVL ITEMS FOR ADDENDUM NO. ONE (1)

SECTION 32 11 33
CEMENT-TREATED BASE (CTB)

PART 1 – GENERAL

1.01 SUMMARY

A. Section includes furnishing materials, mix design, placement, compaction, finishing, and curing of cement-treated base (CTB) for pavements.

B. Work shall conform to Mississippi Department of Transportation (MDOT) 2017 Standard Specifications for Road and Bridge Construction, Section 308 – Cement Treated Courses, as modified and supplemented by this Section.

1.02 REFERENCES

A. MDOT 2017 Standard Specifications: 1. Section 308 – Cement Treated Courses. 2. Section 321 – In-Grade Preparation and Tolerances. 3. Section 701 – Hydraulic Cement. 4. Section 702 – Bituminous Materials (for curing seal emulsions). 5. Section 714.01.3 – Water.

B. Industry Standards (latest editions): 1. ASTM C150 – Portland Cement. 2. AASHTO standards referenced by MDOT Section 308 for sampling, testing, and density determination.

1.03 ADMINISTRATIVE REQUIREMENTS

A. Pre-Activity: Conduct prior to start of CTB operations to review mix design, equipment, test section plan, testing, weather limits, traffic control, curing, and acceptance.

B. Coordination: Coordinate grade checks, survey control, and adjacent work to avoid construction joints or delays beyond allowable mixing/placement windows.

1.04 SUBMITTALS

A. Product Data: 1. Cement mill certs meeting MDOT Section 701. 2. Emulsified asphalt curing materials per MDOT Section 702.

B. Mix Design: 1. Provide CTB mix design as issued by MDOT Central Laboratory (or Owner’s testing laboratory) in accordance with MDOT Section 308. 2. Include cement content, moisture-density relationship, target strength criteria (7-day or 14-day as indicated), and required compaction density criterion.

C. Quality Control Plan: 1. Methods and frequency for calibrating spreaders, water systems, and mixing equipment. 2. Field density and moisture testing plan; corrective actions for failing lots.

D. Certificates: Water source compliance with MDOT Section 714.01.3.

1.05 QUALITY ASSURANCE

A. Test Section: Construct an initial test section to demonstrate equipment setup, additive application rate, mixing uniformity, compaction, finishing, and curing sequence. Proceed with production only after acceptance.

B. Testing Agency: As specified in the contract.

C. Weather Limitations: Do not place CTB on frozen subgrade or when ambient or surface conditions violate MDOT Section 308 weather restrictions. Suspend work when precipitation or temperature trends jeopardize curing or density.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Store cement to prevent moisture intrusion and loss. Protect emulsions from freezing.

1.07 PROJECT CONDITIONS

A. Traffic: Keep traffic off completed CTB during curing period except as permitted by MDOT Section 308 and as directed by Owner.

PART 2 – PRODUCTS

2.01 MATERIALS

A. Cement: ASTM C150 Portland cement complying with MDOT Section 701; Type I/II unless otherwise noted.

B. Water: Potable and complying with MDOT Section 714.01.3.

C. Soil/Aggregate: Suitable materials meeting the approved mix design and MDOT requirements for CTB; free of organic matter and deleterious materials.

D. Curing Materials: Emulsified asphalt per MDOT Section 702; grades AE-P, CSS-1, SS-1, CMS-2h, or MS-2h as appropriate to season and substrate. Use alternate curing compounds only if approved.

2.02 MIX DESIGN

A. Mix design shall be in accordance with MDOT Section 308 and the Contract documents. Mix design shall be submitted to the Engineer for approval prior to this work being done.

2.03 EQUIPMENT

A. Spreaders, mixers (road-mix, single-pass/pugmill, or traveling plant), water systems, graders, and rollers shall be capable of meeting MDOT Section 308 requirements for uniformity and production timing.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Verify subgrade/support conditions and elevations. Subgrade shall meet density and tolerance requirements and be uniformly moist but not muddy.

3.02 PREPARATION

A. Proofroll and rework soft or pumping areas. Shape and trim to line and grade per MDOT Section 321 tolerances.

B. Establish longitudinal and transverse construction joint locations; moisten adjacent in-place CTB prior to placing fresh mixture.

3.03 APPLICATION OF CEMENT AND WATER

A. Calibrate cement application equipment before production. Apply cement uniformly at specified rate; replace lost cement prior to mixing.

B. Add water to achieve the approved target moisture; control to avoid cement balling and segregation.

3.04 MIXING METHODS

A. Perform mixing by one or a combination of the following, consistent with MDOT Section 308 and the Bid Schedule: 1. Road-mix (multiple-pass). 2. Single-pass pugmill mixer. 3. Traveling plant mixer. 4. Central plant mixed material delivered and placed same day.

B. Complete mixing and commence compaction within the time windows stipulated by MDOT Section 308 after water addition and placement.

3.05 PLACEMENT AND COMPACTION

A. Spread mixed material to uniform thickness and cross-slope. Compact immediately with appropriate equipment to achieve the specified density relative to the approved maximum dry density.

B. Density Acceptance: Meet the minimum acceptance density per MDOT Section 308. Apply pay adjustments to any sublots allowed to remain below target density per the Contract.

C. Finish to a tight, smooth surface free of laminations, ridges, or loose material.

3.06 JOINTS

A. Form vertical longitudinal and transverse joints with full-depth faces. Scarify, moisten, and compact adjoining edges to ensure interlock and continuity.

3.07 CURING

A. Immediately after final finishing, apply emulsified asphalt curing membrane at the specified rate. Maintain intact curing seal for not less than 7 days, exclusive of days below 35°F, unless otherwise directed.

B. Protect CTB from traffic, equipment, and freeze-thaw during curing. Repair damaged areas at no additional cost.

3.08 FIELD QUALITY CONTROL

A. Moisture and density each lift; cement spread rate checks; thickness checks; surface tolerance measurements.

B. Nonconforming Work: Remove and replace or correct by methods approved by the Owner.

3.09 OPENING TO TRAFFIC / OVERLAYS

A. Do not place subsequent layers on subgrade CTB for **7 calendar days** after curing seal is applied; keep closed to traffic during this period unless permitted.

B. For CTB functioning as base beneath HMA or PCC, verify strength/density criteria before placing next course.

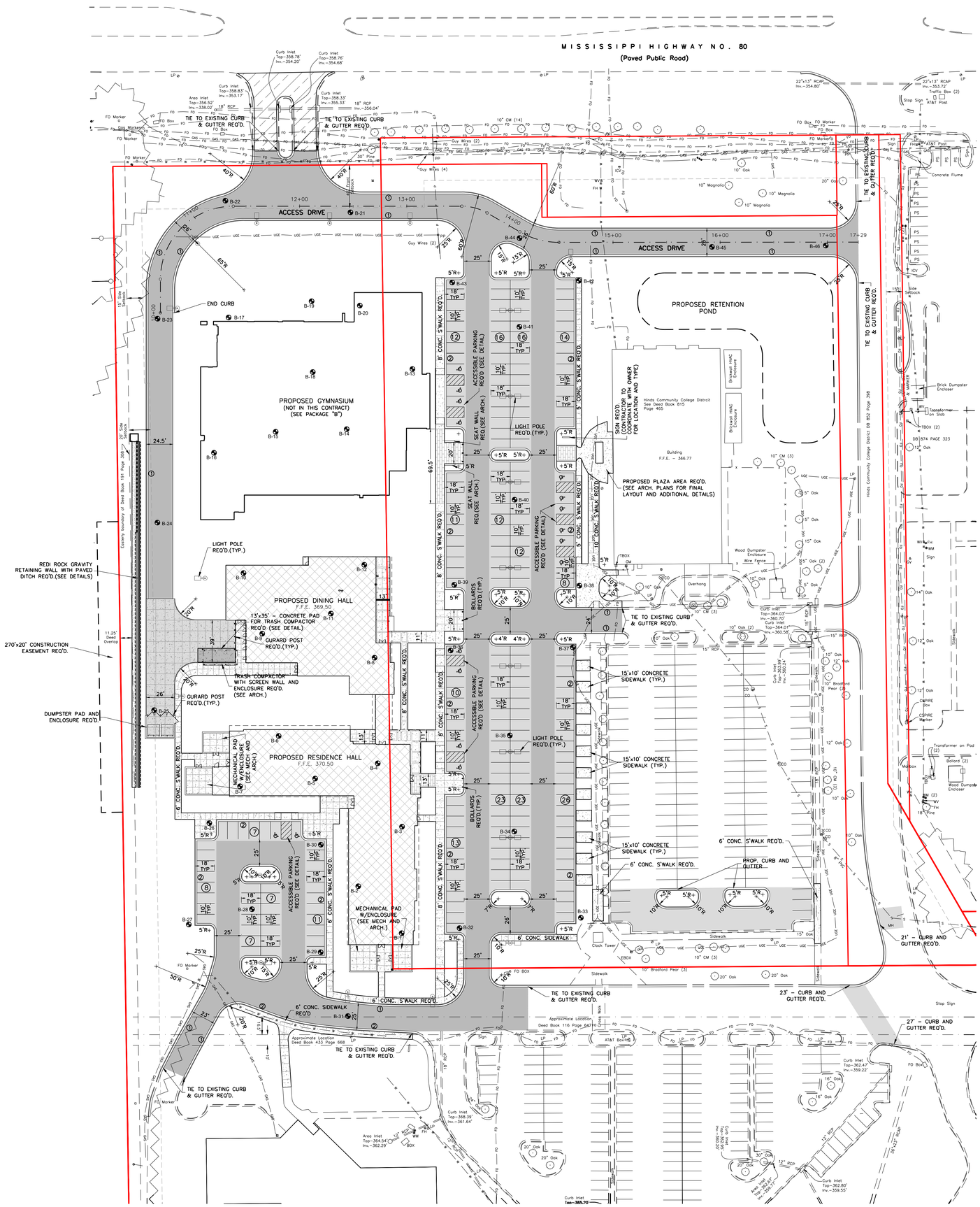
3.10 TOLERANCES

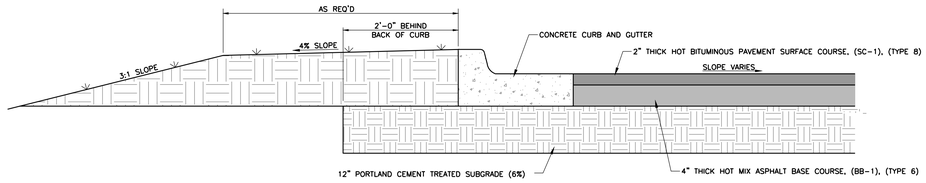
A. Grade and cross-slope: As required by MDOT Section 321.

3.11 PROTECTION

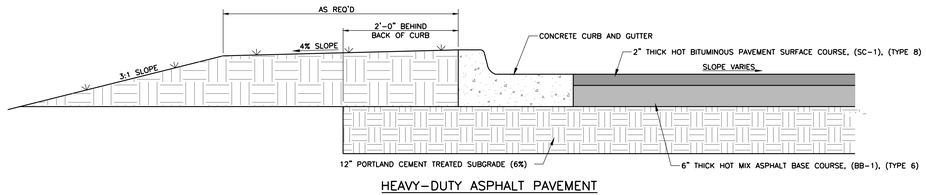
A. Maintain surface and curing during the cure period; prevent damage from construction traffic, weather, and drainage.

END OF SECTION

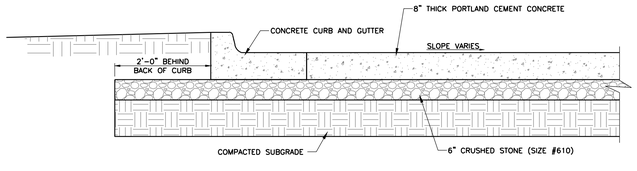

MISSISSIPPI HIGHWAY NO. 80
(Paved Public Road)
ACCESS DRIVE
ACCESS DRIVE
PROPOSED GYMNASIUM
(NOT IN THIS CONTRACT)
(SEE PACKAGE "B")
PROPOSED DINING HALL
F.F.E. 369.50
PROPOSED RESIDENCE HALL
F.F.E. 370.50
PROPOSED RETENTION POND
PROPOSED PLAZA AREA REQ'D.
(SEE ARCH. PLANS FOR FINAL LAYOUT AND ADDITIONAL DETAILS)
SIGN REQ'D. (CONTRACTOR TO COORDINATE WITH OWNER FOR LOCATION AND TYPE)
Hinds Community College District
See Deed Book 815 Page 465
Building
F.F.E. – 366.77
Hinds Community College District DB 852 Page 398
DB 874 PAGE 323
END CURB
LIGHT POLE REQ'D.(TYP.)
REDI ROCK GRAVITY RETAINING WALL WITH PAVED DITCH REQ'D.(SEE DETAILS)
270'x20' CONSTRUCTION EASEMENT REQ'D.
DUMPSTER PAD AND ENCLOSURE REQ'D.
13'x35' – CONCRETE PAD FOR TRASH COMPACTOR REQ'D (SEE DETAIL)
GURARD POST REQ'D.(TYP.)
TRASH COMPACTOR WITH SCREEN WALL AND ENCLOSURE REQ'D. (SEE ARCH.)
MECHANICAL PAD W/ENCLOSURE (SEE MECH AND ARCH.)
ACCESSIBLE PARKING REQ'D (SEE DETAIL)
8' CONC. S'WALK REQ'D.
6' CONC. S'WALK REQ'D.
5' CONC. S'WALK REQ'D.
BOLLARDS REQ'D.(TYP.)
SEAT WALL REQ.(SEE ARCH.)
15'x10' CONCRETE SIDEWALK (TYP.)
6' CONC. SIDEWALK
PROP. CURB AND GUTTER
TIE TO EXISTING CURB & GUTTER REQ'D.
21' – CURB AND GUTTER REQ'D.
23' – CURB AND GUTTER REQ'D.
27' – CURB AND GUTTER REQ'D.
Concrete Flume
Brick Dumpster Enclosure
Wood Dumpster Enclosure
Wood Dumpster Enclosure
Wire Fence
Overhang
Clock Tower
Bollard (2)
Transformer on Pad (2)
Mailbox
Sign
Stop Sign
Side Setback
Front Setback
Rear Setback
Eastern boundary of Deed Book 761 Page 358
Approximate Location Deed Book 433 Page 668
Approximate Location Deed Book 116 Page 647
Curb Inlet Top=358.78' Inv.=354.20'
Curb Inlet Top=358.76' Inv.=354.68'
Curb Inlet Top=358.83' Inv.=353.17'
Area Inlet Top=356.52' Inv.=338.00'
18" RCP
Curb Inlet Top=358.33' Inv.=355.33'
18" RCP Inv.=356.04'
22"x13" RCAP Inv.=354.80'
22"x13" RCAP Inv.=353.70'
Traffic Box (2)
AT&T Pedestal
AT&T Box
Curb Inlet Top=364.03' Inv.=360.70'
Curb Inlet Top=364.01' Inv.=360.56'
Curb Inlet Top=363.29' Inv.=359.29'
Curb Inlet Top=362.43' Inv.=359.23'
Curb Inlet Top=362.80' Inv.=359.55'
Curb Inlet Top=368.59' Inv.=361.64'
Area Inlet Top=364.54' Inv.=362.29'
Curb Inlet Top=365.70'
15" RCP
12" RCP
18" RCP
30" RCP
24" RCP
10" CM (14)
10" CM (3)
10" Oak
10" Magnolia
20" Oak
15" Oak
14" Oak
12" Oak
10" Bradford Pear (3)
10" Bradford Pear (2)
30" Pine
Guy Wires (4)
Guy Wires (2)
Tipical Box
Tipical Pedestal
Toplocator on Stick
CMPRE Box
CMPRE Marker
Sidewalk
Curb Mark
Curb Mark
Curb Mark



LIGHT-DUTY ASPHALT PAVEMENT
N.T.S.



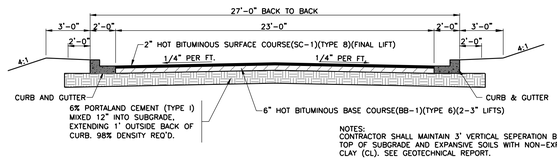
HEAVY-DUTY ASPHALT PAVEMENT
N.T.S.



HEAVY DUTY PORTLAND CEMENT CONCRETE PAVEMENT SECTION
N.T.S.

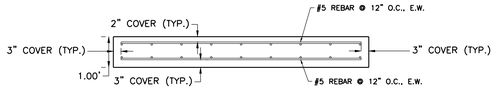
NOTES:

1. CONCRETE SHALL BE 4,000 PSI IN 28 DAYS.
2. PROVIDE FULL DEPTH ISOLATION JOINT AT ALL LOCATIONS WHERE CONCRETE ABUTS CURBS, INLETS, WALLS, FOUNDATIONS, AND OTHER FIXED OBJECTS.
3. REINFORCING STEEL REQUIRED FOR IRREGULAR SHAPED PANELS AND PANELS WITH ACUTE ANGLES. IRREGULAR SHAPED PANELS ARE CONSIDERED TO BE ONES IN WHICH THE SLAB TAPERS TO A SHARP ANGLE, WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 1.25, OR WHEN THE SLAB IS NEITHER SQUARE OR RECTANGULAR. INSTALL #4 REBAR AT 12" O.C., E.W., WITH 1 1/2" CLEAR COVER FROM TOP OF SLAB. TERMINATE REINFORCING STEEL AT CONTRACTION JOINT LOCATIONS.
4. MAXIMUM JOINT SPACING SHALL BE 15'-0" O.C. MAX.
5. CONTRACTION JOINTS SHALL BE A MINIMUM OF 1" OF DEPTH AND A MAXIMUM OF ¼ OF THE PAVEMENT. EDGES SHALL BE TOOLED TO A ¼" RADIUS.
6. SEE GEOTECHNICAL REPORT FOR MORE INFORMATION.



NOTES:
CONTRACTOR SHALL MAINTAIN 3' VERTICAL SEPERATION BETWEEN TOP OF SUBGRADE AND EXPANSIVE SOILS WITH NON-EXPANSIVE CLAY (CL). SEE GEOTECHNICAL REPORT.

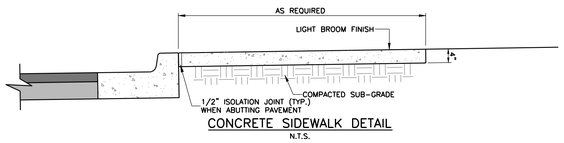
TYPICAL SECTION FOR PRIVATE DRIVE
N.T.S.



NOTES:

1. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 P.S.I.
2. REINFORCING STEEL SHALL BE GRADE 60.
3. 1" ISOLATION JOINT WILL BE REQUIRED BETWEEN TRASH COMPACTOR SLAB AND ANY ABUTTING PAVEMENTS.

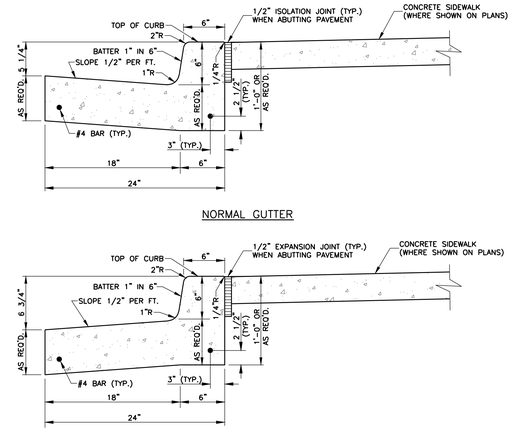
TRASH COMPACTOR PAD DETAIL
N.T.S.



CONCRETE SIDEWALK DETAIL
N.T.S.

NOTES:

1. PROVIDE CONTRACTION JOINTS AT 5'-0" O.C.
2. CONTRACTION JOINTS SHALL BE A MINIMUM OF 1/4 DEPTH OF THE PAVEMENT. EDGES SHALL BE TOOLED TO A 1/4" RADIUS.
3. MAX. SLOPE IN RUN OF SIDEWALKS TO BE 5% MAX. CROSSLOPE TO BE MAX 2%.
4. CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3,500 PSI
5. PROVIDE FULL DEPTH ISOLATION JOINT IN ALL LOCATIONS WHERE SIDEWALK ABUTTS CURBS, INLETS, WALLS, FOUNDATIONS, AND OTHER FIXED OBJECTS.



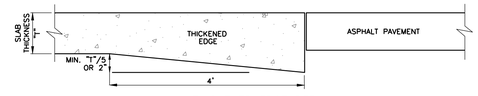
NORMAL GUTTER

PITCHED GUTTER

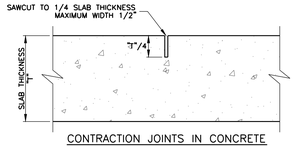
CONCRETE CURB AND GUTTER DETAIL
N.T.S.

NOTES:

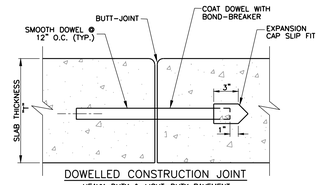
1. CONCRETE SHALL BE 3,500 P.S.I. MINIMUM.
2. PROVIDE CONTRACTION JOINTS AT 10'-0" O.C. AND EXPANSION JOINTS AT 40'-0" O.C.
3. CONTRACTION JOINTS SHALL BE A MINIMUM OF 1" OF DEPTH AND A MAXIMUM OF 1/4 DEPTH OF THE PAVEMENT. EDGES SHALL BE TOOLED TO A 1/4" RADIUS.
4. EXPANSION JOINTS SHALL BE 1/2" IN WIDTH AND FILLED WITH PREMOULDED EXPANSION JOINT FILLER TO WITHIN 1/2" OF THE SURFACE. EDGES SHALL BE TOOLED TO A 1/4" RADIUS AND SEALED FLUSH WITH AN APPROVED SEALANT.
5. CONTRACTOR TO FIELD VEREFIY TYPE OF GUTTER PITCH USED.



THICKENED EDGE DETAIL

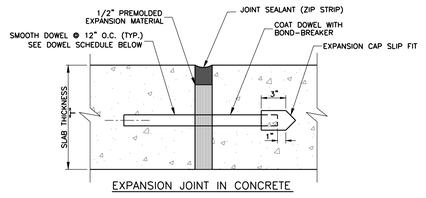


CONTRACTION JOINTS IN CONCRETE
NOTE: CONTRACTION JOINT WIDTHS 1/4" OR GREATER SHALL BE SEALED WITH APPROVED SEALANT.



DOWELLED CONSTRUCTION JOINT
HEAVY-DUTY & LIGHT-DUTY PAVEMENT

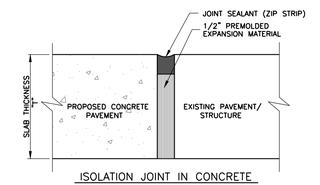
DOWEL SCHEDULE:
HEAVY-DUTY CONCRETE 1 1/4" DIAMETER, 15" LONG
LIGHT-DUTY CONCRETE 3/4" DIAMETER, 14" LONG



EXPANSION JOINT IN CONCRETE

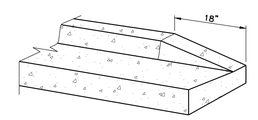
DOWEL SCHEDULE:
HEAVY-DUTY CONCRETE 1 1/4" DIAMETER, 15" LONG
LIGHT-DUTY CONCRETE 3/4" DIAMETER, 14" LONG
CONCRETE SIDEWALK 1/2" DIAMETER, 14" LONG

NOTE: PROVIDE THICKENED EDGE ("T"±1 INCH) 12" EACH SIDE OF EXPANSION JOINT IN CONCRETE SIDEWALK.



ISOLATION JOINT IN CONCRETE

CONCRETE JOINT DETAILS
N.T.S.



CURB END TRANSITION DETAIL

DEAN
ARCHITECTURE
GEDDIE | GRANT | OUBRE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

NICHOLAS R. COSTA
REGISTERED PROFESSIONAL ENGINEER
34529
STATE OF MISSISSIPPI

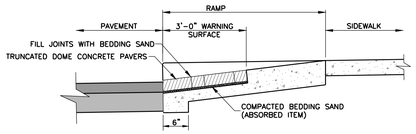
CONSTRUCTION DOCUMENTS

Project No.: 24053
Date: September 18, 2025
Drawn: N.S.G.
Checked: R.C.M.
Revisions: 9.30.25 ADDENDUM No. 1

THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

Sheet Number:
C104
SITE IMPROVEMENT DETAILS



TYPICAL DETECTABLE WARNING INSTALLATION

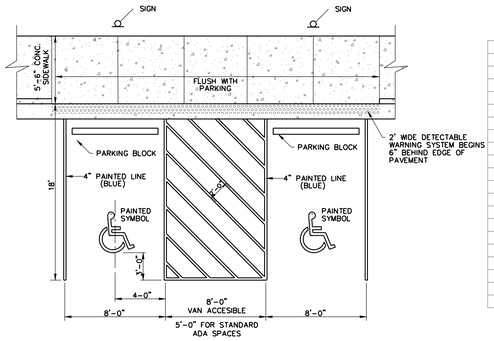
NOTE: DETECTABLE WARNING PAVERS SHALL BE GRAY IN COLOR

NOTES:

1. LANDINGS WILL PROVIDE A LEVEL AREA (LESS THAN 2% GRADE OR CROSS SLOPE) AT APPROXIMATE STREET ELEVATION. A 4 FOOT SQUARE LEVEL LANDING IS THE REQUIRED MINIMUM.
2. ALL SIDEWALK RAMPS REQUIRE DETECTABLE WARNINGS.
3. ANY DRIVEWAY 24' OR GREATER REQUIRES ADA SIDEWALK TREATMENTS WITH DETECTABLE WARNINGS WHICH WILL BE INCIDENTAL TO THE ENTRANCE CONSTRUCTION.
4. DETECTABLE WARNINGS SHALL BE INCIDENTAL TO SIDEWALK CONSTRUCTION.
5. DETECTABLE WARNING SURFACE BEGINS AT THE BACK OF CURB AND 6" BEHIND EDGE OF PAVEMENT.

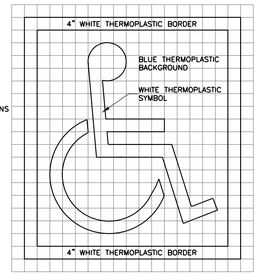
DETECTABLE WARNING DETAILS

N.T.S.



HANDICAP PARKING AND ACCESSIBLE RAMP DETAILS

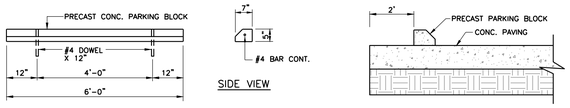
N.T.S.



4"x4" GRID PROVIDED FOR LAYOUT OF SYMBOL. PROVIDE THERMOPLASTIC COLORS IN ACCORDANCE WITH ADA AND LOCAL REQUIREMENTS (TYPICALLY WHITE SYMBOL ON BLUE BACKGROUND INSIDE WHITE BORDER)

TYPICAL THERMOPLASTIC ACCESSIBLE SYMBOL FOR PAVEMENT

N.T.S.

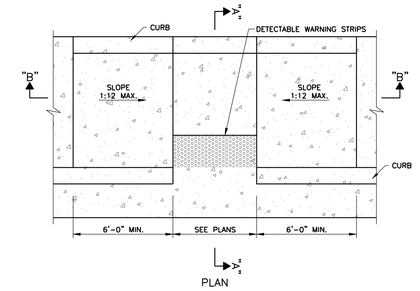


FRONT VIEW

SECTION

PARKING BLOCK DETAILS

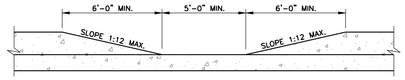
N.T.S.



PLAN



SECTION "A-A"

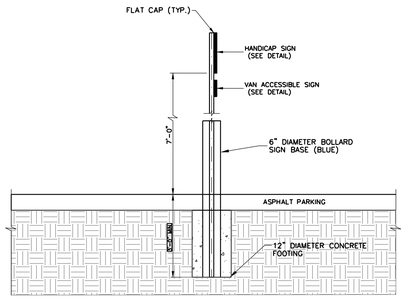


SECTION "B-B"

NOTE: SURFACE TEXTURE OF THE RAMP SHALL BE THAT OBTAINED BY A COARSE BROOMING. TRANVERSE TO THE SLOPE OF THE RAMP.

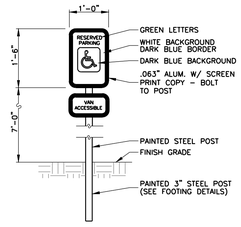
ACCESSIBLE RAMP IN SIDEWALK

N.T.S.



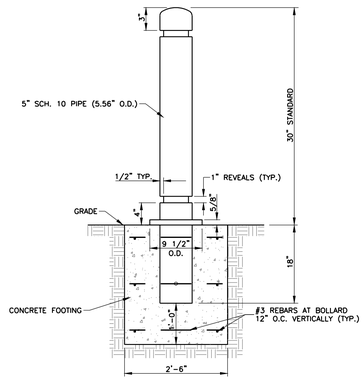
FOOTING DETAIL FOR HANDICAP PARKING SIGN

N.T.S.



SIGN AT HANDICAP PARKING SPACE

N.T.S.



NOTES:

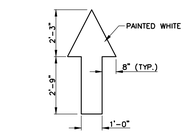
1. CONTRACTOR SHALL PROTECT THE BOLLARDS AFTER INSTALLATION.
2. COLOR TO BE DETERMINED BY THE ARCHITECT.

MODEL B-4-5B2, 6" BOLLARD

FAIR WEATHER SITE FURNISHINGS
360-895-2626 OR TOLL FREE 800-323-1798
PORT ORCHARD, WASHINGTON

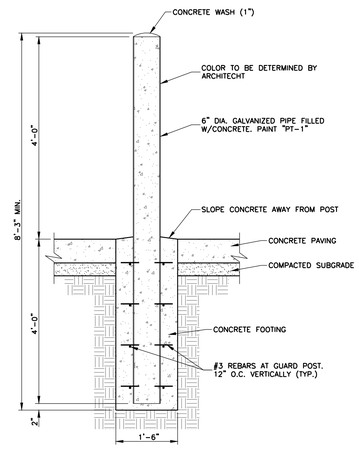
BOLLARD DETAIL

N.T.S.



DIRECTION ARROW DETAIL

N.T.S.



GUARD POST DETAIL

N.T.S.

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE

661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

NICHOLAS R. COSTA
34529
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No.: 24053
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Drawn: N.S.G.
Checked: R.C.M.
Revisions: 9.30.25 ADDENDUM No. 1

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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

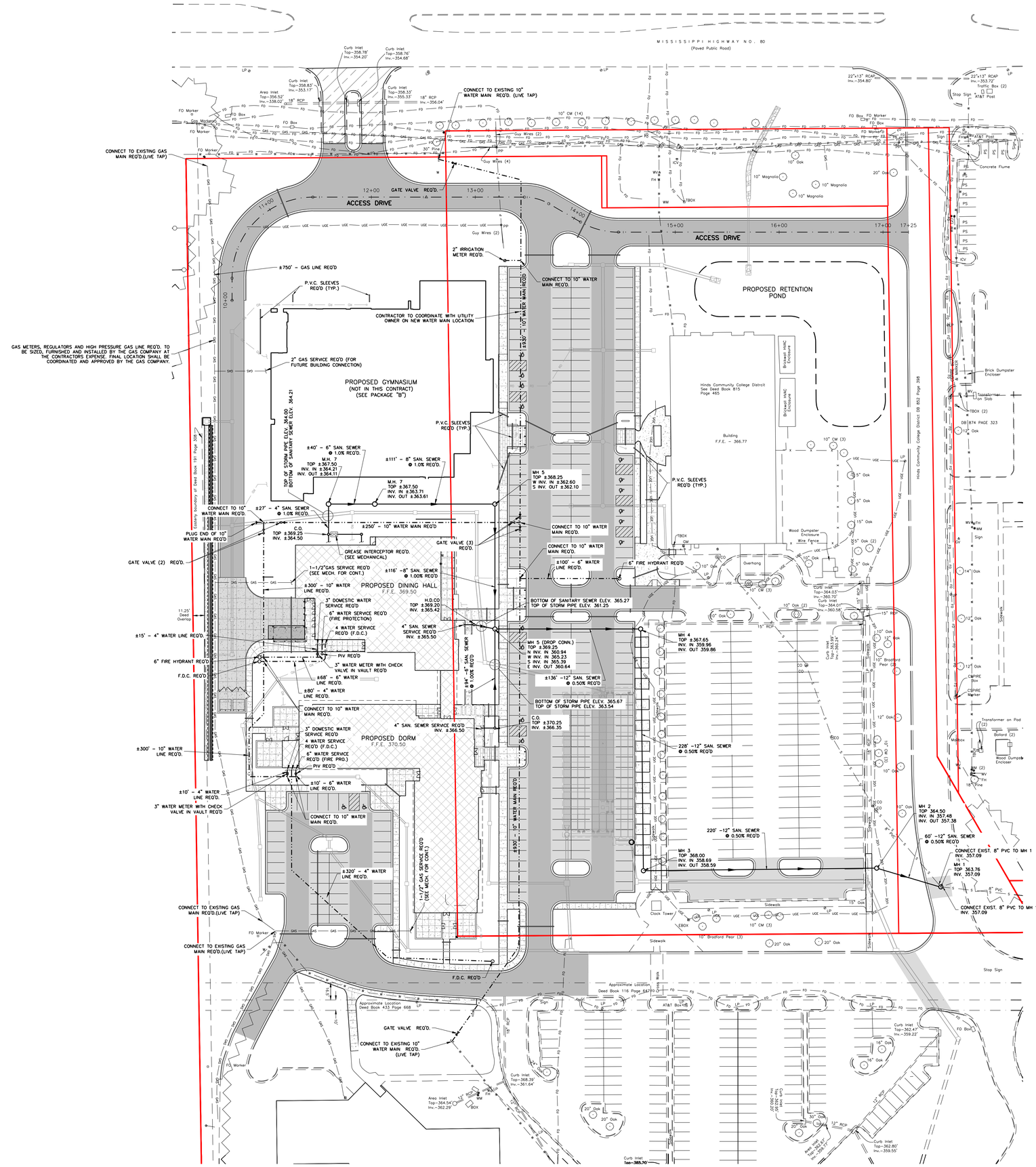
McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

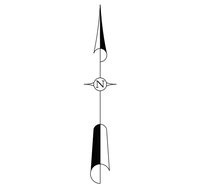
Sheet Number:

C105

SITE IMPROVEMENT DETAILS

1" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
⅜" = 1'-0" GRAPHIC SCALE





40 0 40 80

SCALE: 1"=40'

EXISTING LEGEND

RCP	REINFORCED CONCRETE PIPE
E EBOX	ELECTRIC/POWER BOX
FO FO	FIBER OPTIC/COMMUNICATION BOX
S MH	EXISTING MANHOLE
LP	LIGHT POLE
WM	WATER METER
WV	WATER VALVE
FH	FIRE HYDRANT
WS	WATER SERVICE
ICV	IRRIGATION CONTROL VALVE
TBM	TEMPORARY BENCH MARK
SIR	SET IRON REBAR (1/2"X18")
FIR	FOUND IRON REBAR (1/2" UNLESS OTHERWISE NOTED)
W — W	EXISTING WATER LINE
P — P	EXISTING OVERHEAD POWERLINE
S — S	EXISTING SANITARY SEWER LINE
GAS — GAS	EXISTING SANITARY SEWER FORCE MAIN
FO — FO	EXISTING FIBER OPTIC CABLE
UGE — UGE	EXISTING UNDERGROUND ELECTRIC CABLE
	EXISTING WOOD FENCE
X — X	EXISTING WIRE FENCE
	EXISTING CHAINLINK FENCE
	PROPOSED WATER LINE
	PROPOSED SANITARY SEWER LINE
GAS — GAS	PROPOSED GAS LINE

SITEWORK LEGEND

- PROPOSED BUILDING
- PROPOSED CONCRETE AREAS
- PROPOSED LIGHT–DUTY ASPHALT PAVEMENT
- PROPOSED HEAVY–DUTY ASPHALT PAVEMENT
- PROPOSED HEAVY–DUTY ASPHALT PAVEMENT
- PROPOSED 2" ASPHALT OVERLAY

NOTES:
1. ALL P.V.C. SLEEVES SHALL BE 2–4" SCH. 40 (SIDE BY SIDE) AND SHALL INCLUDE END CAPS, PULL STRINGS, AND THE ENDS MARKED WITH A 6' METAL FENCE POST.
2. ROUTE PROPOSED UTILITIES TO AVOID CONFLICTS WITH EXISTING AND PROPOSED IMPROVEMENTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF ALL TAP AND METER FEES FOR UTILITIES.
4. SEE PLUMBING FOR CONTINUATION OF WATER, SANITARY SEWER, AND GAS CONNECTIONS AT THE PROPOSED BUILDING.
5. THE OWNER/CONTRACTOR SHALL COORDINATE WITH GAS, COMMUNICATIONS AND ELECTRICAL PROVIDERS TO BRING SERVICES TO THE PROPOSED BUILDING.
6. ALL FIRE SPRINKLED BUILDINGS SHALL HAVE THE FIRE DEPARTMENT CONNECTIONS LOCATED ON THE STREET SIDE OF THE BUILDINGS.
7. LOCATIONS OF FIRE HYDRANTS, POST INDICATOR VALVES, AND FIDE DEPARTMENT CONNECTIONS SHALL BE APPROVED BY THE CITY OF PEARL FIRE DEPARTMENT AND PUBLIC WORKS PRIOR INSTALLATION.

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

NICHOLAS R. COSTA
LICENSED ARCHITECT
34529
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

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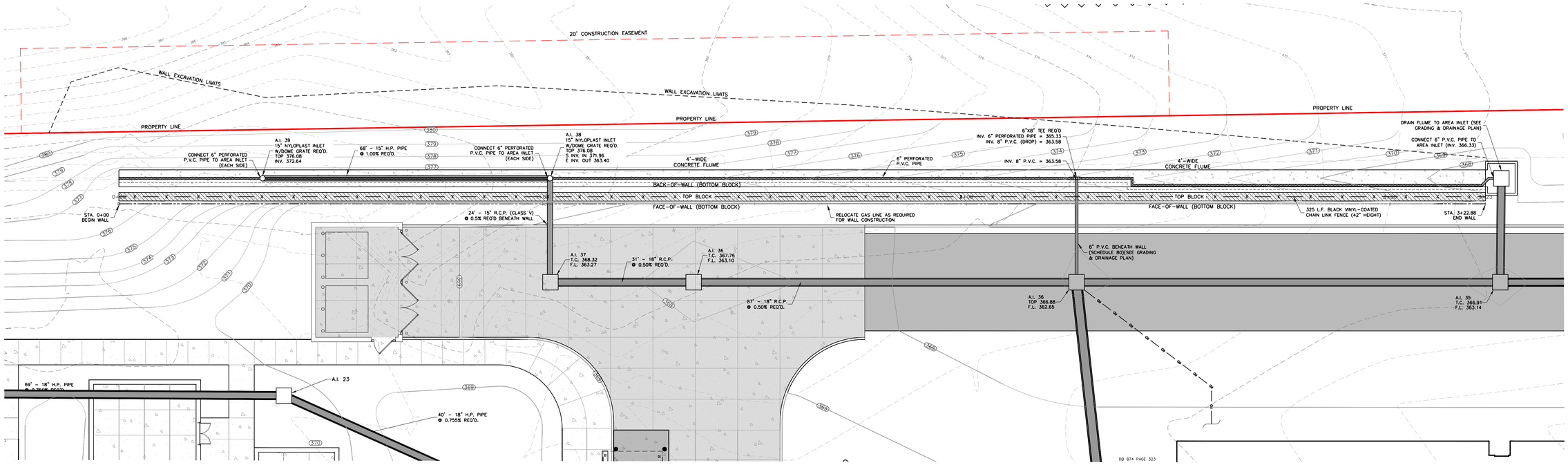
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SUITE 300
MADISON, MS 39110
601.605.1090

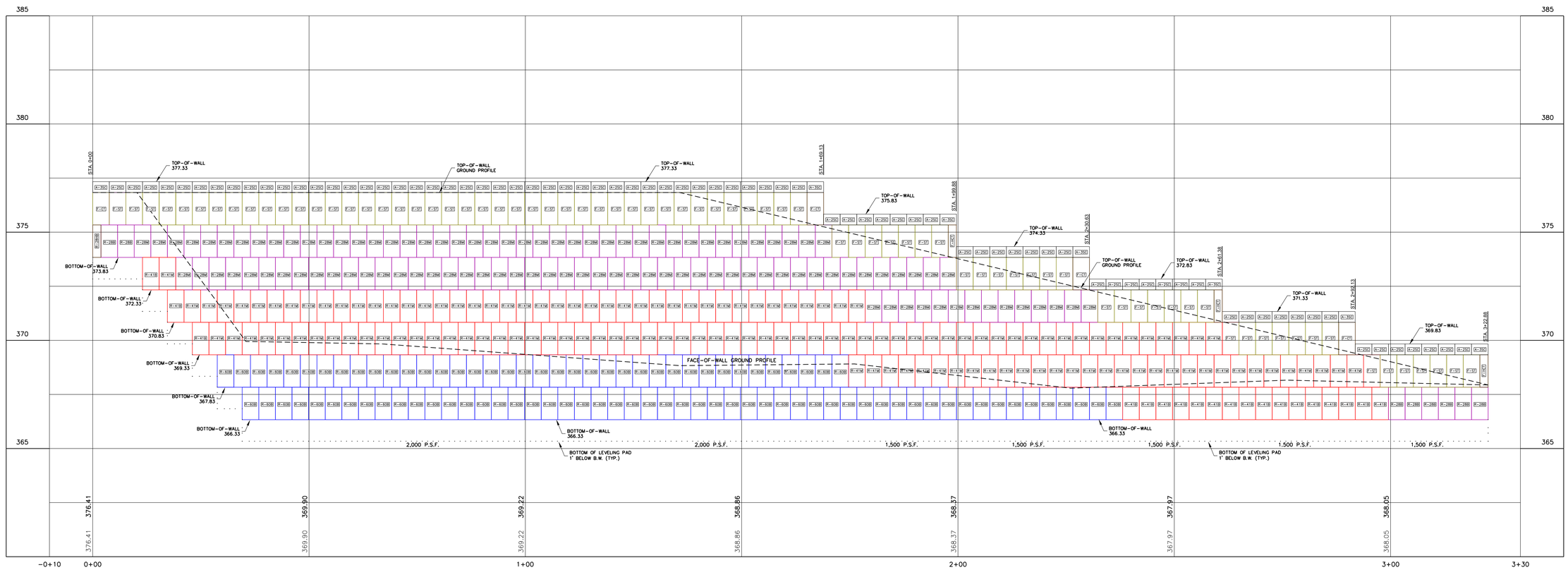
Sheet Number:

C301

UTILITY PLAN

3/4" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
1 1/2" =1'-0" GRAPHIC SCALE
3" =1'-0" GRAPHIC SCALE





3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
¼" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

THE COMMONS - PACKAGE A
PEARL, MS
24053

DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE
661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

NICHOLAS S. COSTA
34529
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No.: 24053
Date: September 18, 2025
Drawn: N.S.G.
Checked: R.C.M.
Revisions:

THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

Sheet Number:
C501
WALL PLAN/PROFILE

1.0 CONSTRUCTION OBSERVATION

1.1 CONSTRUCTION OBSERVATION OF THE REDI-ROCK RETAINING WALL(S) SHALL BE PERFORMED BY A DESIGNATED CONSTRUCTION ENGINEER. THE CONSTRUCTION ENGINEER SHALL BE A LICENSED PROFESSIONAL ENGINEER EMPLOYED BY AN ENGINEERING FIRM DULY LICENSED AND AUTHORIZED TO PRACTICE WITHIN THE JURISDICTION OF THE PROJECT LOCATION.

1.2 THE CONSTRUCTION ENGINEER MAY DESIGNATE AN ONSITE REPRESENTATIVE TO PERFORM CONSTRUCTION OBSERVATION. THE ENGINEER'S ONSITE REPRESENTATIVE SHALL BE AN EMPLOYEE OF THE SAME ENGINEERING FIRM AS THE CONSTRUCTION ENGINEER. THE ONSITE REPRESENTATIVE SHALL HAVE ADEQUATE KNOWLEDGE OF THE PROJECT, GENERAL KNOWLEDGE OF THE LOCAL GEOLOGY AND BE FAMILIAR WITH THE PROJECT RETAINING WALL CONSTRUCTION PLANS AS WELL AS THE ACCEPTED MEANS AND METHODS OF PRECAST MODULAR BLOCK RETAINING WALL AND MECHANICALLY STABILIZED EARTH RETAINING WALLS.

1.3 THE CONSTRUCTION ENGINEER SHALL SUPERVISE AND DIRECT THE ACTIVITIES OF THE ONSITE REPRESENTATIVE.

1.4 THE ROLE OF THE CONSTRUCTION ENGINEER AND/OR ONSITE REPRESENTATIVE IS TO OBSERVE CONSTRUCTION ACTIVITIES TO HELP ENSURE THE PROJECT IS CONSTRUCTED WITHIN REASONABLE CONFORMITY WITH THE PROJECT PLANS AND SPECIFICATIONS.

1.5 CONSTRUCTION OBSERVATION BY THE CONSTRUCTION ENGINEER AND/OR ONSITE REPRESENTATIVE SHALL NOT WARRANT PROJECT APPROVAL (IN PART OR IN WHOLE) AND SHALL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH FINAL PLANS AND/OR CONTRACT DOCUMENTS.

1.6 THE CONSTRUCTION ENGINEER AND/OR ONSITE REPRESENTATIVE SHALL NOT DIRECT THE CONTRACTOR IN REGARDS TO CONSTRUCTION MEANS AND METHODS.

2.0 MATERIALS

2.1 FOUNDATION SOIL

2.1.1 ASSUMPTIONS HAVE BEEN MADE REGARDING THE SHEAR STRENGTH OF FOUNDATION SOIL. THE ASSUMPTIONS ARE BASED ON THE GEOTECHNICAL EXPLORATION BY BURNS COOLEY DENNIS. THE EFFECTIVE SHEAR STRENGTH PARAMETERS OF THE FOUNDATION SOIL ASSUMED FOR THE DESIGN ARE AS FOLLOWS:
LOOSE TAN FINE SAND (SP): $\Phi' = 32°$, $C' = 0$ PSF, $\gamma' = 120$ PCF

2.2 RETAINED SOIL

2.2.1 IN-SITU (UNDISTURBED) SOIL IN THE RETAINED ZONE BEHIND EACH WALL SHALL EXHIBIT THE MINIMUM SHEAR STRENGTH PARAMETERS LISTED BELOW.
LOOSE TAN FINE SAND (SP): $\Phi' = 32°$, $C' = 0$ PSF, $\gamma' = 120$ PCF

2.2.2 FILL SOIL IN THE RETAINED ZONE BEHIND THE WALL SHALL EXHIBIT THE MINIMUM SHEAR STRENGTH PARAMETERS LISTED BELOW.

CLEAN SAND (SP): $\Phi' = 34°$, $C' = 0$ PSF, $\gamma' = 120$ PCF

2.2.3 THE RETAINED ZONE IS ASSUMED TO EXTEND TO A DISTANCE BEHIND THE FACE OF THE RETAINING WALL THAT IS A MINIMUM OF 3 TIMES THE WALL HEIGHT.

2.3.1 THE PRECAST MODULAR BLOCK RETAINING WALL SYSTEM SHALL BE COMPRISED OF REDI-ROCK BLOCK UNITS MANUFACTURED BY REDI-ROCK DSP.

2.3.2 THE RETAINING WALL BLOCK UNIT MANUFACTURER SHALL REMAIN CONSISTENT FOR THE ENTIRE PROJECT. ANY SUBSTITUTION OF REDI-ROCK BLOCK UNITS FROM A DIFFERENT MANUFACTURER AT ANY TIME DURING THE CONSTRUCTION OF THE RETAINING WALL(S) MUST BE APPROVED IN ADVANCE. ANY SUCH BLOCKS INCORPORATED INTO THE WORK WITHOUT PRIOR APPROVAL SHALL BE REMOVED AT THE CONTRACTORS EXPENSE.

2.3.3 THE PRECAST MODULAR BLOCK RETAINING WALL UNITS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C1776, BE 18 INCHES IN HEIGHT, 46-1/8 INCHES IN LENGTH AND 28, 41 OR 60 INCHES IN WIDTH AS INDICATED ON THE PROJECT PLANS. THE PMB BLOCK UNITS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 4,000 PSI AND BE FREE OF CHIPS, CRACKS OR OTHER PHYSICAL DEFECT THAT WOULD INTERFERE WITH THE PROPER PLACEMENT OF THE UNIT OR THAT MAY IMPAIR THE STRENGTH OR SUCCESSFUL PERFORMANCE OF THE CONSTRUCTED WALL. THE HEIGHT OF THE PRECAST MODULAR BLOCK RETAINING WALL UNITS SHALL NOT DIFFER MORE THAN 3/16 INCH (+/-) AND LENGTH AND WIDTH SHALL NOT DIFFER MORE THAN 1/2" (+/-) FROM THE PUBLISHED DIMENSIONS IN THE MANUFACTURER'S LITERATURE.

2.3.4 THE COLOR OF THE PRECAST MODULAR BLOCK RETAINING WALL UNITS SHALL BE DETERMINED BY THE OWNER/ARCHITECT.

2.3.5 THE FACE SURFACE TEXTURE OF THE PRECAST MODULAR BLOCK UNITS SHALL BE DETERMINED BY THE OWNER/ARCHITECT.

2.4 GEOTEXTILE FABRIC

2.4.1 THE TYPE A GEOTEXTILE FABRIC SHALL BE A NOMINAL 4 OZ. NONWOVEN POLYPROPYLENE FABRIC EXHIBITING THE FOLLOWING PHYSICAL PROPERTIES.

PROPERTY	PROPERTY	MARV
GRAB TENSILE/ELONGATION	ATSM D4632	120 LBS./50%
CBR PUNCTURE RESISTANCE	ATSM D6241	310 LBS.
TRAPEZOIDAL TEAR	ATSM D4533	50 LBS.
FLOW RATE	ATSM D4491	120 GAL./MIN./S.F.
AOS	ATSM D4751	NO. 70 US SIEVE

APPROVED MATERIALS INCLUDE TENCATE MIRAFI 140N, PROPEX GEOTEX 401 OR APPROVED EQUAL.

2.4.2 THE TYPE B GEOTEXTILE FABRIC SHALL BE A NOMINAL 6 OZ. NONWOVEN POLYPROPELENE FABRIC EXHIBITING THE FOLLOWING PHYSICAL PROPERTIES.

PROPERTY	PROPERTY	MARV
GRAB TENSILE/ELONGATION	ATSM D4632	120 LBS./50%
CBR PUNCTURE RESISTANCE	ATSM D6241	310 LBS.
TRAPEZOIDAL TEAR	ATSM D4533	50 LBS.
FLOW RATE	ATSM D4491	120 GAL./MIN./S.F.
AOS	ATSM D4751	NO. 70 US SIEVE

APPROVED MATERIALS INCLUDE TENCATE MIRAFI 140N, PROPEX GEOTEX 401 OR APPROVED EQUAL.

2.5 DRAINAGE FILL

2.5.1 DRAINAGE FILL SHALL BE A DURABLE, CRUSHED STONE MEETING THE REQUIREMENTS OF ASTM C33 FOR SIZE NO. 57 PER THE FOLLOWING GRADATION:

SIEVE SIZE	%PASSING
1-1/2 INCH	100
1 INCH	95-100
1/2 INCH	25-60
NO.4	0-10
NO.8	0-5

2.5.2 COMPACTED DRAINAGE FILL SHALL EXHIBIT MINIMUM SHEAR STRENGTH PARAMETERS AS FOLLOWS:

INTERNAL FRICTION ANGLE, $\Phi' = 35°$,
EFFECTIVE COHESION, $C' = 0$ PSF,
UNIT WEIGHT $\gamma' = 110$ PCF

2.6.1 THE LEVELING PAD SHALL BE CONSTRUCTED WITH DURABLE, CRUSHED STONE.

2.6.2 CRUSHED STONE FOR USE IN THE LEVELING PAD SHALL MEET THE GRADATION FOR DRAINAGE FILL IN 2.5 ABOVE OR SATISFY ASTM D2487 CRITERIA FOR CLASSIFICATION AS GW OR GP AND THE FOLLOWING GRADATION PER ASTM D422:

SIEVE SIZE	%PASSING
2 INCH	100
1 INCH	70-100
1/2 INCH	50-90
MIN.4	30-60
NO.200	0-15

2.6.3 COMPACTED CRUSHED STONE LEVELING PAD SHALL EXHIBIT MINIMUM SHEAR STRENGTH PARAMETERS AS FOLLOWS:

INTERNAL FRICTION ANGLE, $\Phi' = 35°$,
EFFECTIVE COHESION, $C' = 0$ PSF,
UNIT WEIGHT $\gamma' = 110$ PCF

2.7 COLLECTION DRAIN SYSTEM

2.7.1 COLLECTION DRAIN PIPE SHALL BE 6-INCH DIAMETER, 3-HOLE PERFORATED/SLOTTED HDPE OR PVC PIPE WITH A SMOOTH INTERIOR AND A MINIMUM PIPE STIFFNESS OF 22 PSI PER ASTM D2412.

2.7.2 COLLECTION DRAIN PIPES, OUTLET PIPES AND FITTINGS SHALL ALL BE MADE BY THE SAME MANUFACTURER. OUTLET PIPES SHALL BE FURNISHED WITHOUT PERFORATIONS/SLOTS.

3.0 EXCAVATION AND FOUNDATION PREPARATION

3.1 THE CONTRACTOR SHALL EXCAVATE TO THE LINES AND GRADES AND DIMENSIONS AS INDICATED ON CONSTRUCTION PLANS. EXCAVATIONS FOR CONSTRUCTION OF RETAINING WALLS SHALL CONFORM TO OSHA REQUIREMENTS FOR SAFE EXCAVATIONS.

3.2 BEFORE WALL CONSTRUCTION BEGINS, THE CONTRACTOR SHALL CLEAR AND GRUB THE RETAINED SOIL ZONE AND REMOVE TOPSOIL, BRUSH, AND ORGANIC MATERIAL.

3.3 THE CONSTRUCTION ENGINEER AND/OR ONSITE REPRESENTATIVE SHALL VISUALLY INSEPCT THE FOUNDATION SOIL ZONE PRIOR TO PLACEMENT OF THE BLOCK LEVELING PAD FOR GENERAL COMPLIANCE WITH THE PROJECT PLANS/SPECIFICATIONS.

3.4 SHOULD UNSUITABLE SOILS BE ENCOUNTERED DURING WALL EXCAVATION, CONTRACTOR SHALL IMMEDIATELY NOTIFY CONSTRUCTION ENGINEER OR CONSTRUCTION ENGINEER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH WORK.

3.5 CONTRATCTOR SHALL REMOVE UNSUITABLE SOILS TO THE LIMITS DETERMINED BY THE PROJECT GEOTECHNICAL ENGINEER AND BACKFILLED WITH SUITABLE FILL MATERIAL.

3.6 OVER-EXCAVATION BEHIND THE RETAINING WALL SHALL BE BENCH-CUT INTO EXISTING SOILS AND SHALL CONFORM TO OSHA REQUIREMENTS FOR SAFE EXCAVATION.

3.7 THE COST OF OVER-EXCAVATION AND PLACEMENT OF SUITABLE FILL MATERIALS SHALL BE APPROVED BY OWNER'S WRITTEN CHANGE ORDER PRIOR TO COMMENCEMENT OF WORK.

3.8 DISTURBANCE OF SOILS OUTSIDE THE LIMITS OF EXCAVATION SHALL BE AVOIDED. COSTS ASSOCIATED WITH DISTURBANCE OR EXCAVATION OF SOILS BEYOND THE LIMITS OF EXCAVATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4.0 LEVELING PAD PREPARATION

4.1 THE LEVELING PAD SHALL BE CONSTRUCTED SO AS TO PROVIDE A LEVEL, HARD SURFACE UPON WHICH TO PLACE THE FIRST COURSE OF PMB UNITS.

4.2 THE LEVELING PAD SHALL EXTEND AT LEAST 12 INCHES BEYOND THE FRONT AND 18 INCHES BEYOND THE BACK OF THE BASE RETAINING WALL UNIT.

4.3 IF CRUSHED STONE IS USED TO CONSTRUCT THE LEVELING PAD, IT SHALL BE COMPACTED WITH A MINIMUM OF THREE (3) PASSES OF A VIBRATORY COMPACTOR CAPABLE OF EXERTING 3,000 LBS. OF CENTRIFUGAL FORCE AND TO THE SATISFACTION OF THE CONSTRUCTION ENGINEER.

4.4 THE FIRST COURSE OF PMB UNITS SHALL BE PLACED IN FULL CONTACT WITH THE LEVELING PAD.

5.0 WALL SYSTEM CONSTRUCTION

5.1 THE FIRST COURSE OF BLOCK UNITS SHALL BE PLACED WITH THE FRONT FACE EDGES TIGHTLY ABUTTED TOGETHER ON THE PREPARED LEVELING PAD AT THE LOCATIONS AND ELEVATIONS SHOWN ON THE APPROVED CONSTRUCTION SHOP DRAWINGS. NO GAP GREATER THAN 1/4 INCH SHALL BE PERMITTED BETWEEN HORIZONTALLY ADJACENT BLOCK UNITS. THE WALL CONTRACTOR SHALL TAKE SPECIAL CARE TO ENSURE THAT THE BOTTOM COURSE OF BLOCK UNITS ARE IN FULL CONTACT WITH THE LEVELING PAD, ARE SET LEVEL AND TRUE AND ARE PROPERLY ALIGNED ACCORDING TO THE LOCATIONS SHOWN ON THE CONSTRUCTION DRAWINGS.

5.2 SOIL FILL SHALL BE PLACED AND COMPACTED IN FRONT OF THE BOTTOM COURSES OF THE WALL PRIOR TO PLACEMENT OF THE THIRD SUCCESSIVE BLOCK COURSE. TYPE "A" NONWOVEN GEOTEXTILE FABRIC SHALL BE INSTALLED IN THE V-SHAPED JOINTS BETWEEN ADJACENT BLOCKS. DRAINAGE FILL SHALL BE PLACED IN THE V-SHAPED JOINTS BETWEEN ADJACENT BLOCKS TO A MINIMUM DISTANCE OF 18 INCHES BEHIND THE BLOCK UNIT.

5.3 DRAINAGE FILL/STRUCTURAL WALL BACKFILL PLACED BEHIND THE BLOCK SHALL BE PLACED IN 6 INCH MAXIMUM LIFTS AND COMPACTED BY A MINIMUM OF THREE (3) PASSES OF A VIBRATORY PLATE COMPACTOR CAPABLE EXERTING A MINIMUM OF 3,000 LBS. OF CENTRIFUGAL FORCE. EACH BLOCK COURSE SHALL BE BACKFILLED PRIOR TO PLACEMENT OF SUBSEQUENT COURSE.

5.4 NO HEAVY COMPACTION EQUIPMENT SHALL BE OPERATED WITHIN 15 FT OF BACK OF WALL, OR WITHIN 3 FEET OF WALL FACE.

5.5 DRAINAGE FILL SHALL BE PLACED AS UNIT/CORE FILL IN THE REDI-ROCK UNIT VERTICAL CORE SLOT AND BETWEEN HORIZONTALLY ADJACENT BLOCK UNITS. THE DRAINAGE FILL SHALL COMPLETELY FILL THE SLOT TO THE LEVEL OF THE TOP OF THE BLOCK UNIT. THE TOP OF THE BLOCK UNIT SHALL BE BROOM-CLEANED PRIOR TO PLACEMENT OF SUBSEQUENT BLOCK COURSES. NO ADDITIONAL COURSES OF BLOCKS MAY BE STACKED BEFORE THE UNIT/CORE FILL IS INSTALLED IN THE BLOCKS ON THE COURSE BELOW. NO MECHANIZED COMPACTION OF THE UNIT CORE FILL IS PERMITTED.

5.6 TOP BLOCKS AND HALF BLOCK UNITS MAY BE FURNISHED WITHOUT VERTICAL CORE HOWEVER, VERTICAL CORE SLOTS IN ALL BLOCKS MUST BE FILLED WITH DRAINAGE AGGREGATE AS DESCRIBED IN 5.4.

5.7 PLACE GEOTEXTILE FABRIC AS REQUIRED ON THE RETAINING WALL CONSTRUCTION DRAWINGS.

5.8 SUBSEQUENT COURSES OF BLOCK UNITS SHALL BE INSTALLED WITH A RUNNING BOND (HALF BLOCK HORIZONTAL COURSE-TO-COURSE OFFSET). WITH THE EXCEPTION OF 90 DEGREE CORNER UNITS AND VERTICAL SLIP JOINTS, THE SHEAR CHANNEL OF THE UPPER BLOCK SHALL BE FULLY ENGAGED WITH THE SHEAR KNOBS OF THE BLOCK COURSE BELOW. THE CONTRACTOR MAY FIELD ADJUST THE HORIZONTAL BLOCK LOCATION TO ENSURE CONSISTENT FACE BATTER AND WALL ALIGNMENT THAT RESULTS IN LESS THAN 100% FULL ENGAGEMENT OF THE BLOCK-TO-BLOCK SHEAR KNOB AND CHANNEL ELEMENTS. HOWEVER, NO GAP BETWEEN THE SHEAR KNOB AND THE SHEAR CHANNEL OF SUCCESSIVE BLOCK COURSES SHALL BE GREATER THAN 1/2 INCH. DRAINAGE FILL, UNIT CORE FILL, AND GEOTEXTILE SHALL BE COMPLETE FOR EACH COURSE OF BLOCK UNITS BEFORE THE NEXT COURSE OF BLOCKS ARE PLACED.

5.9 ASPHALT ROOFING SHINGLES, ROLLED ROOFING OR 1/8 INCH SOLID BRAID NYLON ROPE MAY BE USED AS SHIMMING MATERIAL BETWEEN VERTICAL COURSES OF BLOCK UNITS TO PROVIDE ELEVATION ADJUSTMENT IN ORDER TO MAINTAIN FACE BATTER AND UNIFORM BLOCK COURSE ELEVATION. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO FULLY AND EQUALLY SUPPORT A "SHIMMED" BLOCK UNIT TO PREVENT POINT LOAD CONCENTRATIONS THAT MAY CAUSE BLOCK CRACKING.

6.0 BACKFILL COMPACTION AND INSPECTION

6.1 THE CONSTRUCTION ENGINEER SHALL OBSERVE AND DOCUMENT COMPACTION OF DRAINAGE FILL/STRUCTURAL WALL BACKFILL PLACED ADJACENT TO THE RETAINING WALL STRUCTURE IN ACCORDANCE WITH THESE REQUIREMENTS. RECORDS SHALL DOCUMENT THE FOLLOWING: THE REQUIRED MINIMUM DRY UNIT WEIGHT PASS/FAIL ASSESSMENT ACTUAL DRY UNIT WEIGHT TEST LOCATION STATION NUMBER ALLOWABLE MOISTURE CONTENT TEST ELEVATION ACTUAL MOISTURE CONTENT DISTANCE FROM WALL FACE.

6.2 SUITABLE FILL SOIL PLACED IN THE RETAINED SOIL ZONE, IN FRONT OF THE BLOCK UNITS SHALL BE PLACED IN 6-INCH MAXIMUM LIFTS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY WITHIN +/- 3% OF OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D698. THE COMPACTED DENSITY AND MOISTURE CONTENT OF THE RETAINED SOIL FILL SHALL BE TESTED/OBSERVED AT THE FOLLOWING MINIMUM FREQUENCY:

6.2.1 AT LEAST ONCE PER EVERY 500 SQUARE FEET OF PLAN AREA PER VERTICAL LIFT AND AT LEAST ONCE PER EVERY 3 FEET OF VERTICAL SOIL FILL PLACED.

6.3 THE CONTRACTOR SHALL PROVIDE TEST REPORTS TO CONSTRUCTION ENGINEER ON A DAILY BASIS. EACH TEST REPORT SHALL INCLUDE THE WALL NUMBER, TYPE OF MATERIAL PLACED, BEGIN AND END OF WALL STATION, APPROXIMATE PLAN AREA OF FILL PLACEMENT, AND APPROXIMATE ELEVATION/NUMBER OF FILL LIFT.

6.4 THE CONSTRUCTION ENGINEER SHALL VISUALLY OBSERVE AND DOCUMENT THE COMPACTION METHODS EMPLOYED BY THE CONTRACTOR IN THE PLACEMENT OF THE DRAINAGE FILL/STRUCTURAL WALL BACKFILL MATERIALS FOR CONSISTENCY WITH THE REQUIREMENTS OF THIS SPECIFICATION.

6.4.1 WRITTEN DOCUMENTATION OF VISUAL OBSERVATION OF COMPACTION BY THE CONSTRUCTION ENGINEER (OR ONSITE REPRESENTATIVE) SHALL INCLUDE THE WALL NUMBER, TYPE OF MATERIAL PLACED, BEGIN AND END WALL STATION OF SECTION OBSERVED , APPROXIMATE PLAN AREA OF FILL PLACEMENT OBSERVED AND APPROXIMATE ELEVATION OF COMPACTED FILL LIFT OBSERVED.

7.0 DRAINAGE AND EROSION PROTECTION

7.1 AT THE END OF EACH WORK DAY, THE WALL CONTRACTOR SHALL ENSURE THAT THE GRADE OF THE SURFACE OF THE COMPACTED RETAINING WALL BACKFILL WILL NOT PERMIT SURFACE WATER RUN-OFF TO FLOW TOWARD THE RETAINING WALL FACE AND OVERTOP THE RETAINING WALL CREST.

7.2 DURING SITE CONSTRUCTION, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF THE RETAINING WALL AGAINST SURFACE WATER AT ALL TIMES BY THE USE OF BERMS, DIVERSION DITCHES, TEMPORARY DRAINS, AND ALL OTHER MEANS NECESSARY.

7.3 WATER SHALL NOT BE PERMITTED TO POND BEHIND THE RETAINING WALL AT ANYTIME.

7.4 ALL SLOPES ABOVE OR BELOW THE WALL SHALL BE VEGETATED AND PROTECTED FROM EROSION IMMEDIATELY FOLLOWING CONSTRUCTION. RETAINING WALL SECTIONS WITH SOIL SLOPES ABOVE THE WALL CREST STEEPER THAN 8H:1V SHALL HAVE SILT FENCE INSTALLED 4 FEET BEHIND THE WALL FACE TO PREVENT SURFACE WATER RUN-OFF FROM SOIL STAINING THE WALL FACE. THE GENERAL CONTRACTOR SHALL MAINTAIN THE SILT FENCE UNTIL ADEQUATE VEGETATION CAN BE ESTABLISHED TO PREVENT SURFACE EROSION OF THE SOIL IN THE CREST SLOPE.

8.0 DESIGN PAREMETERS:

8.1 EXTERNAL STABILITY

MINIMUM F.S. AGAINST BASE SLIDING	=1.5
MINIMUM F.S. AGAINST OVERTURNING	=1.5
MINIMUM F.S. FOR GLOBAL STABILITY	=1.5

8.2 UNIFORM SURCHARGE =250 P.S.F.

8.3 REQUIRED BEARING CAPACITY =2,000 P.S.F.

9.0 SPECIAL PROVISIONS:

9.1 MCMASTER & ASSOCIATES (MMA) ASSUMES NO LIABILITY FOR INTERPRETATIONS OF SUBSURFACE CONDITIONS, SUITABILITY OF SOIL PARAMETERS, AND SUBSURFACE GROUNDWATER CONDITIONS. THE WALL CONTRACTOR AND/OR GEOTECHNICAL ENGINEER IS RESPONSIBLE FOR REVIEWING AND VERIFYING THAT CONDITIONS DESCRIBE HEREIN ARE ACCURATE PRIOR TO AND DURING CONSTRUCTION.

9.2 THE WALL CONTRACTOR AND/OR OWNER IS RESPONSIBLE FOR HAVING SUPERVISION OF ALL PHASES OF CONSTRUCTION BY A QUALIFIED ENGINEER.

9.3 MMA HAS NOT EVALUATED SETTLEMENT. THE OWNER MUST INVESTIGATE AND EVALUATE THE IMPACT OF ANY AND ALL SETTLEMENT PRIOR TO CONSTRUCTION OF BUILDINGS AND SITE IMPROVEMENTS IN CLOSE PROXIMITY OF RETAINING WALL. MMA IS NOT RESPONSIBLE FOR ADVERSE IMPACTS TO BUILDINGS AND/OR SITE IMPROVEMENTS DUE TO SHORT-TERM SETTLEMENT CAUSED BY SURCHARGE LOAD OR SETTLEMENT WITHIN OR BELOW THE EARTH SOIL MASS.

9.4 A COPY OF THESE DRAWINGS SHALL BE PROVIDED TO THE OWNER (AND FUTURE OWNERS) TO PROVIDE THEM WITH A RECORD OF THE LOCATION OF THE RETAINING WALL.

10.0 GENERAL NOTES:

10.1 CONSTRUCTION VERIFICATION OF THE WALL INSTALLATION BY AN ENGINEER IS REQUIRED AND MUST BE PROVIDED BY A KNOWLEDGEABLE ENGINEER FAMILIAR WITH RETAINING WALL EARTH STRUCTURES. MMA CAN PERFORM THIS VERIFICATION AS REQUESTED BUT MUST INCLUDE DAILY SITE VISITS.

10.2 IDENTIFICATION OF ALL UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.

10.3 WATERLINES INCLUDING IRRIGATIONS SYSTEMS MUST BE WATER TIGHT WITHIN 100 FEET OF RETAINING WALL. LEAKAGE BEHIND A RETAINING WALL WILL INCREASE THE HORIZONTAL PRESSURE AGAINST THE WALL LEADING TO WALL FAILURE. FOR THIS REASON, SUBSURFACE WATERLINES AND IRRIGATION SYSTEMS SHOULD NOT BE INSTALLED ABOVE THE RETAINING WALL.

10.4 ALL CONSTRUCTION ACTIVITY SHALL CONFORM TO THE MINIMUM REQUIREMENTS PRE O.S.H.A. STANDARDS.

10.5 THIS DESIGN IS BASED UPON SPECIFIC PROPERTIES OF MATERIALS WHICH ARE PROPRIETARY. ANY SUBSTITUTION OF THE SPECIFIED PRODUCTS OR CHANGE IN STRUCTURE GEOMETRY WILL INVALIDATE THIS DESIGN. THESE DRAWINGS ARE BEING FURNISHED FOR USE ON THIS SPECIFIC PROJECT ONLY. ANY PARTY ACCEPTING THIS DOCUMENT DOES SO IN CONFIDENCE AND AGREES THAT IT SHALL NOT BE DUPLICATED, IN WHOLE OR IN PART, NOR DISCLOSED TO OTHERS WITHOUT THE CONSENT OF MCMASTER & ASSOCIATES. THESE DRAWINGS, DESIGN NOTES, AND ASSOCIATED CALCULATIONS HAVE BEEN PREPARED BY MCMASTER & ASSOCIATES FROM INFORMATION PROVIDED BY OTHERS. FINAL DETERMINATION OF THE SUITABILITY OF ANY INFORMATION CONTAINED HEREIN IS THE RESPONSIBILITY OF THE USER.

10.6 DISCOVERY OF SUBSURFACE GROUNDWATER SHALL BE REPORTED IMMEDIATELY TO THE CONSTRUCTION ENGINEER FOR ADDITIONAL DRAINAGE CONSIDERATION.

10.7 STORM DRAIN SYSTEMS ARE PRONE TO LEAKING. THEREFORE, IF A JOINT IN A STORM WATER PIPE IS LOCATED WITHIN 100 FEET OF THE RETAINING WALL THE STORM WATER PIPE MUST BE WATER TIGHT. NEOPRENE O-RINGS MUST BE INSTALLED AT ALL STORM PIPE JOINTS AT A MINIMUM.

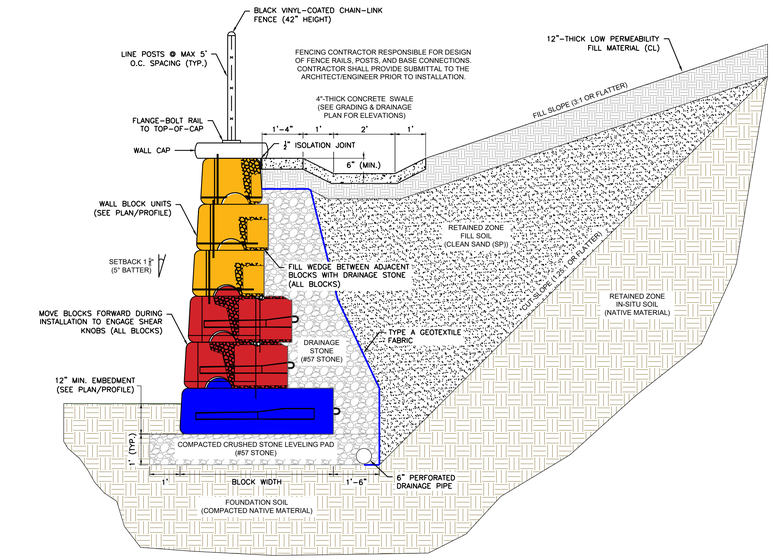
10.8 CONSTRUCTION VERIFICATION OF THE ABOVE-ASSUMED SOIL CONDITIONS IS IMPERATIVE PRIOR TO AND DURING CONSTRUCTION. FAILURE TO VALIDATE THE ASSUMED SOIL PARAMETERS CAN RESULT IN STRUCTURE FAILURE.

10.9 CONTRACTOR RESPONSIBLE FOR PROVIDING DRAINAGE AS SHOWN ON THE CONSTRUCTION DRAWINGS. FAILURE TO FOLLOW THESE DRAWINGS IN THEIR ENTIRETY WILL INVALIDATE THE DESIGN.

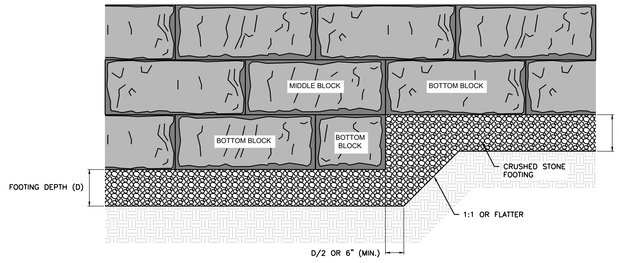
10.10 BLOCK COUNT PROVIDED FOR REFERENCE ONLY. CONTRACTOR RESPONSIBLE FOR VERIFYING ALL WALL/BLOCK QUANTITIES PRIOR TO CONSTRUCTION.

BLOCK COUNT/LEGEND

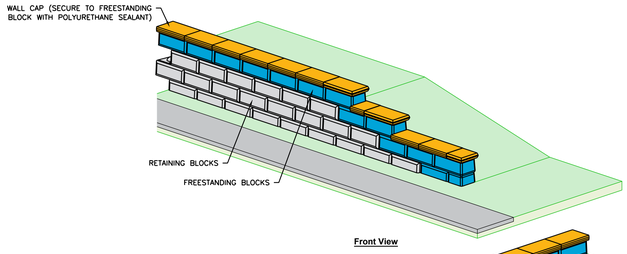
SYMBOL	DESCRIPTION	COUNT
R-28HB	28" HALF BOTTOM	1
R-28B	28" BOTTOM	8
R-28-M	28" MIDDLE	103
R-41B	41" BOTTOM	19
R-41M	41" MIDDLE	133
R-60B	60" BOTTOM	91
F-CT	CORNER TOP	4
F-HCT	HALF CORNER TOP	3
F-ST	STRAIGHT TOP	77
A-2SC	2-SIDED CAP	82
A-3SC	3-SIDED CAP	7



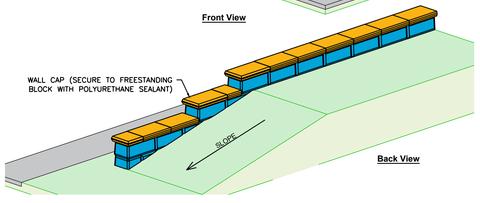
TYPICAL WALL SECTION
N.T.S.



STEP FOOTING DETAIL
N.T.S.



Front View



Back View

ONE-COMPONENT, HIGHLY FLEXIBLE, NON-PRIMING, GUN GRADE, HIGH PERFORMANCE ELASTOMERIC POLYURETHANE SEALANT SHALL HAVE MOVEMENT OF PLUS OR MINUS 25% PER ASTM C719, TENSILE STRENGTH GREATER THAN 200 PSI (1.4 MPA) PER ASTM D412, AND ADHESION TO PEEL ON CONCRETE GREATER THAN 20 PLI PER ASTM C794. APPLY SEALANT IN ONE AND ONE HALF-INCH (1.5") (38 MM) DIAMETER ROUND "HERSEY KISS"SHAPED DOLLOPS LOCATED IN TWO ROWS AT THE TOP OF THE FREESTANDING BLOCKS AT 8"(203 MM) ON CENTER.

TOP-OF-WALL STEP DETAIL
N.T.S.

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NICHOLAS J. COSTA — 34529 — STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

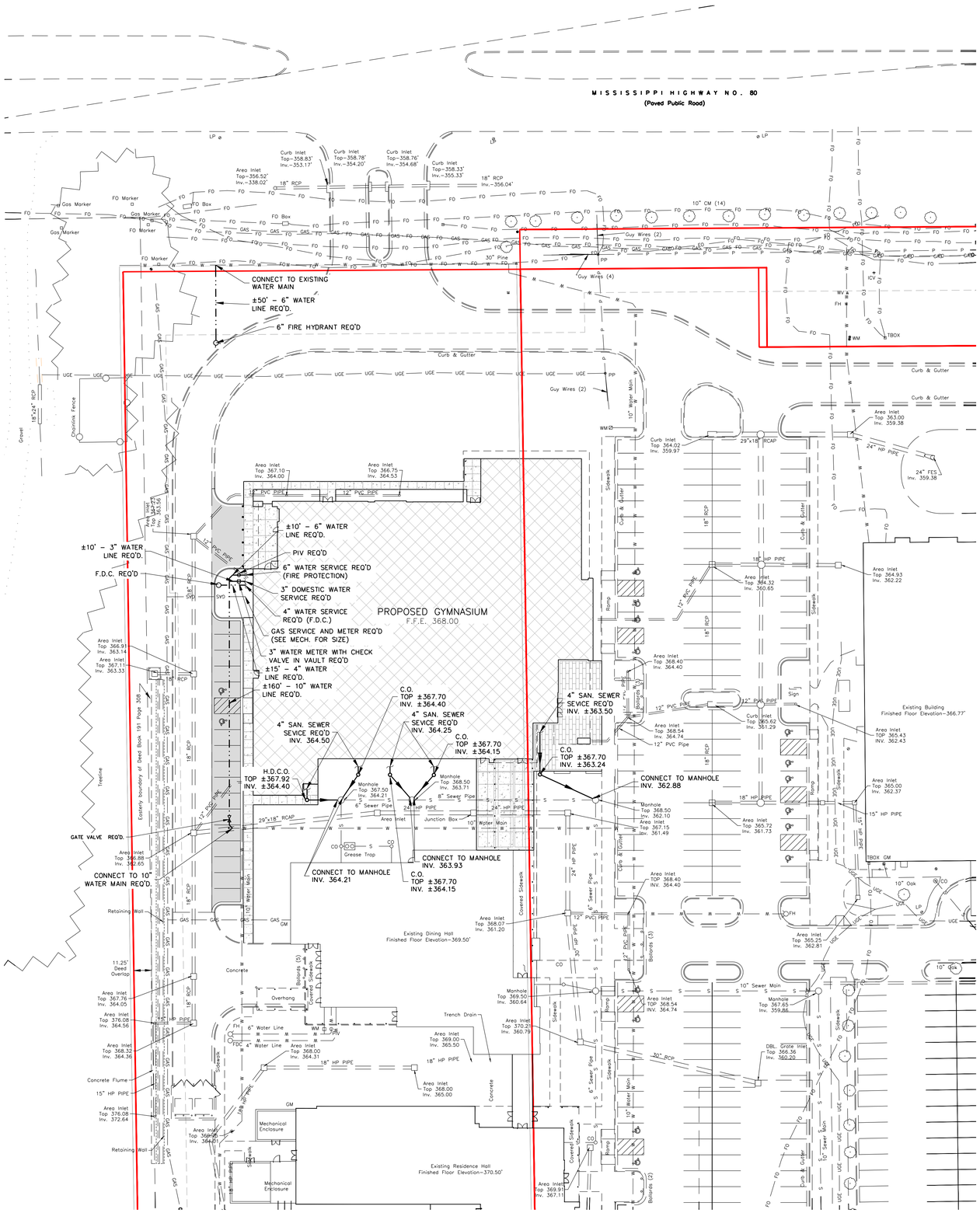
Project No.: 24053
Date: September 18, 2025
Drawn: N.S.G.
Checked: R.C.M.
Revisions:

THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

Sheet Number:
C502
WALL NOTES & DETAILS

1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE



EXISTING LEGEND

RCP	REINFORCED CONCRETE PIPE
E EBOX	ELECTRIC/POWER BOX
FO FO	FIBER OPTIC/COMMUNICATION BOX
MH	EXISTING MANHOLE
LP	LIGHT POLE
WM	WATER METER
WV	WATER VALVE
FH	FIRE HYDRANT
WS	WATER SERVICE
ICV	IRRIGATION CONTROL VALVE
TBM	TEMPORARY BENCH MARK
SIR	SET IRON REBAR (1/2"x18")
FIR	FOUND IRON REBAR (1/2" UNLESS OTHERWISE NOTED)
W — W	EXISTING WATER LINE
P — P	EXISTING OVERHEAD POWERLINE
S — S	EXISTING SANITARY SEWER LINE
GAS — GAS	EXISTING SANITARY SEWER FORCE MAIN
FO — FO	EXISTING FIBER OPTIC CABLE
UGE — UGE	EXISTING UNDERGROUND ELECTRIC CABLE
	EXISTING WOOD FENCE
X — X	EXISTING WIRE FENCE
	EXISTING CHAINLINK FENCE
	PROPOSED WATER LINE
	PROPOSED SANITARY SEWER LINE
GAS — GAS	PROPOSED GAS LINE

SITEWORK LEGEND

- PROPOSED BUILDING
- PROPOSED CONCRETE AREAS
- PROPOSED LIGHT-DUTY ASPHALT PAVEMENT
- PROPOSED BRICK PAVER (SEE ARCHITECTURE PLANS)

NOTES:
1. ALL P.V.C. SLEEVES SHALL BE SCH. 40 AND SHALL INCLUDE END CAPS, PULL STRINGS, AND THE ENDS MARKED WITH A 6' METAL FENCE POST.
2. ROUTE PROPOSED UTILITIES TO AVOID CONFLICTS WITH EXISTING AND PROPOSED IMPROVEMENTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF ALL TAP AND METER FEES FOR UTILITIES.
4. SEE PLUMBING FOR CONTINUATION OF WATER, SANITARY SEWER, AND GAS CONNECTIONS AT THE PROPOSED BUILDING.
5. THE OWNER/CONTRACTOR SHALL COORDINATE WITH GAS, COMMUNICATIONS AND ELECTRICAL PROVIDERS TO BRING SERVICES TO THE PROPOSED BUILDING.
6. ALL FIRE SPRINKLED BUILDINGS SHALL HAVE THE FIRE DEPARTMENT CONNECTIONS LOCATED ON THE STREET SIDE OF THE BUILDINGS.
7. LOCATIONS OF FIRE HYDRANTS, POST INDICATOR VALVES, AND FIDE DEPARTMENT CONNECTIONS SHALL BE APPROVED BY THE CITY OF PEARL FIRE DEPARTMENT AND PUBLIC WORKS PRIOR INSTALLATION.

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NICHOLAS R. COSTA
34529
STATE OF MISSISSIPPI

100% CONSTRUCTION DOCUMENTS

Project No.: 24053
Date: September 18, 2025
Drawn: N.S.G.
Checked: R.C.M.
Revisions: 9.30.25 ADDENDUM No. 1

THE COMMONS - PACKAGE B
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

McMASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
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SUITE 300
MADISON, MS 39110
601.605.1090

Sheet Number:
C301
UTILITY PLAN

1" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
⅜" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

September 30, 2025

THE COMMONS – PACKAGE A
HINDS COMMUNITY COLLEGE
PEARL, MS

STRUCTURAL ADDENDUM #1

Item No. 1 Ref. Sheet S101 – Replace existing S101 with attached, revised S101.

Item No. 2 Ref. Sheet S102 – Replace existing S102 with attached, revised S102.

Item No. 3 Ref. Sheet S103 – Replace existing S103 with attached, revised S103.

Item No. 4 Ref. Sheet S104 – Replace existing S104 with attached, revised S104.

Item No. 5 Ref. Sheet S111 – Replace existing S111 with attached, revised S111.

Item No. 6 Ref. Sheet S112 – Replace existing S112 with attached, revised S112.

Item No. 7 Ref. Sheet S113 – Replace existing S113 with attached, revised S113.

Item No. 8 Ref. Sheet S203 – Replace existing S203 with attached, revised S203.

Item No. 9 Ref. Sheet S302 – Replace existing S302 with attached, revised S302.

Item No. 10 Ref. Sheet S306 – Replace existing S306 with attached, revised S306.

Item No. 11 Ref. Sheet S307 – Replace existing S307 with attached, revised S307.

Item No. 12 Ref. Sheet S308 – Replace existing S308 with attached, revised S308.

Item No. 13 Ref. Sheet S311 – Replace existing S311 with attached, revised S311.

Item No. 14 Ref. Sheet S312 – Replace existing S312 with attached, revised S312.

Item No. 15 Ref. Sheet S402 – Replace existing S402 with attached, revised S402.

September 30, 2025

THE COMMONS – PACKAGE B
HINDS COMMUNITY COLLEGE
PEARL, MS

STRUCTURAL ADDENDUM #1

Item No. 1 Ref. Sheet S101 – Replace existing S101 with attached, revised S101.

Item No. 2 Ref. Sheet S102 – Replace existing S102 with attached, revised S102.

Item No. 3 Ref. Sheet S103 – Replace existing S103 with attached, revised S103.

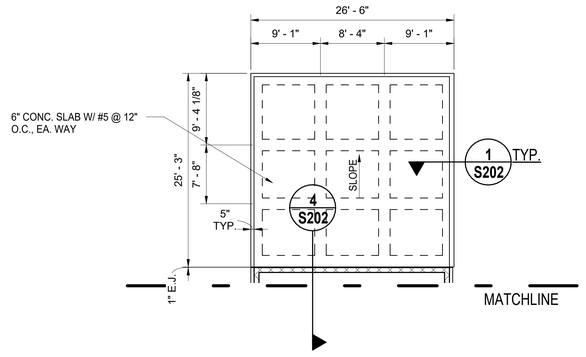
Item No. 4 Ref. Sheet S302 – Replace existing S302 with attached, revised S302.

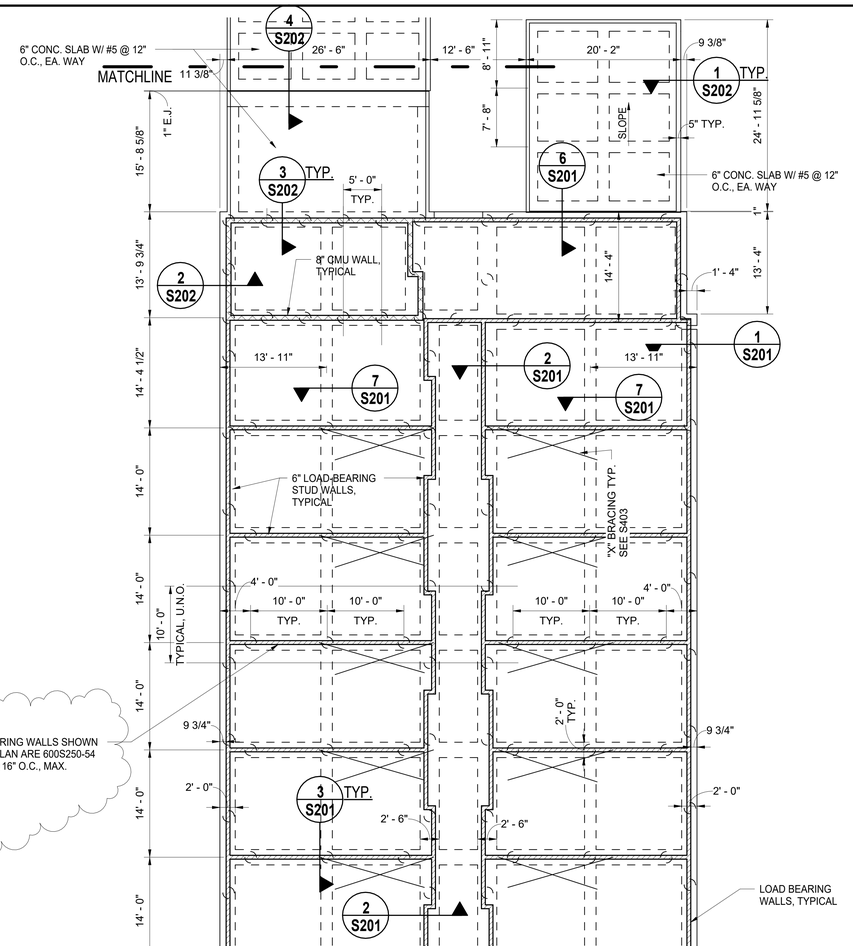
Item No. 5 Ref. Sheet S306 – Replace existing S306 with attached, revised S306.

Item No. 6 Ref. Sheet S308 – Replace existing S308 with attached, revised S308.

Item No. 7 Ref. Sheet S309 – Replace existing S309 with attached, revised S309.

Item No. 8 Ref. Sheet S310 - Add attached sheet S310.

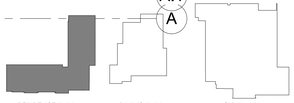




LOAD BEARING WALLS SHOWN ON THIS PLAN ARE 600S250-54 (50 KSI) @ 16" O.C., MAX.

LOAD BEARING WALLS SHOWN ON THIS PLAN ARE 600S250-54 (50 KSI) @ 16" O.C., MAX.

KEY PLAN



NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. SEE S401, S402, AND S403 FOR COLD FORMED DETAILS

FOUNDATION AND FLOOR FRAMING PLAN - RESIDENCE HALL

1/8" = 1'-0"

DEAN ARCHITECTURE
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KENNETH SIMMONS MCGRATH
LICENSED PROFESSIONAL ENGINEER
17092
9-17-25
STATE OF MISSISSIPPI

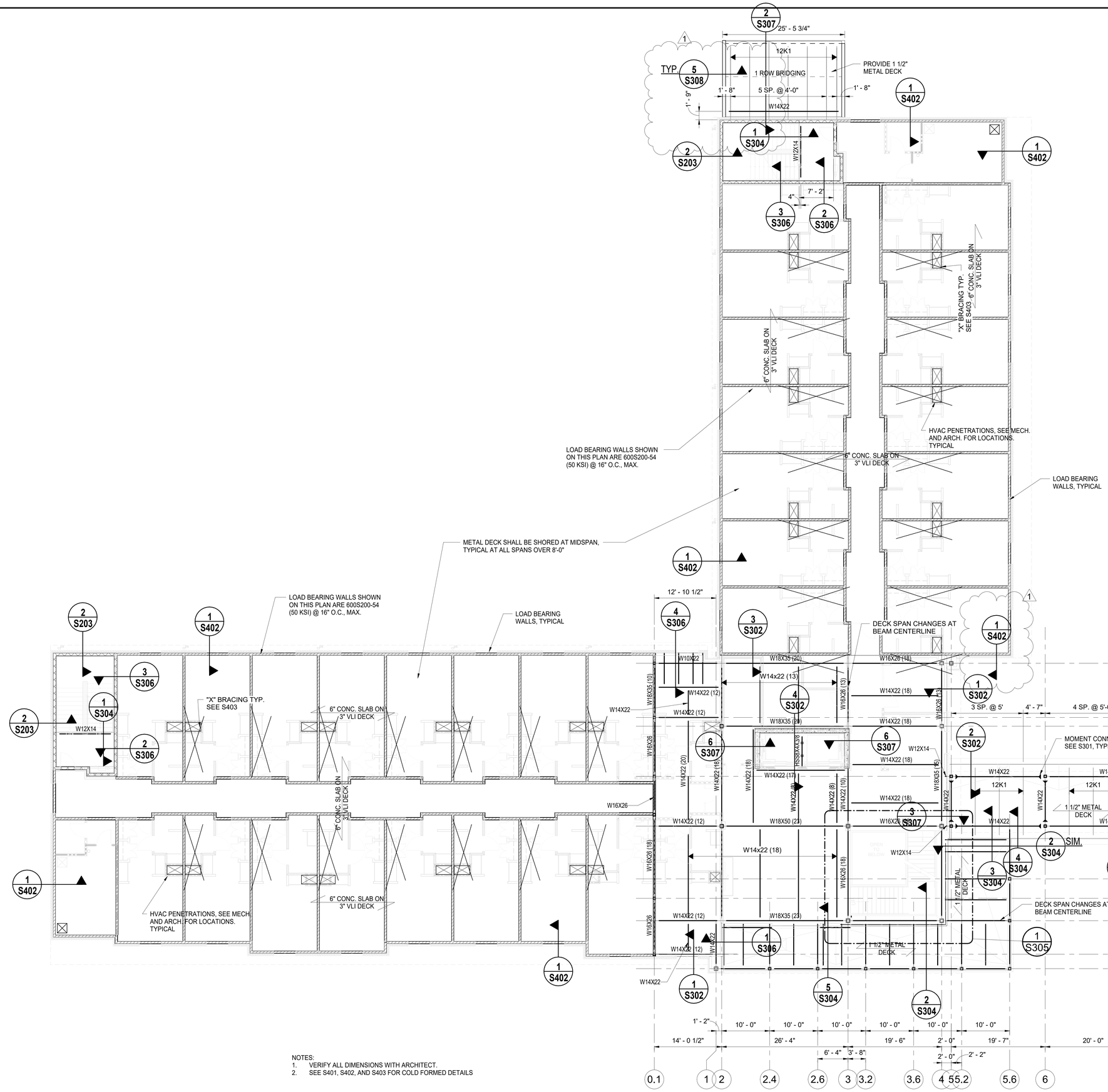
Project No. : 24053
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THE COMMON - PACKAGE A
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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
S101
FOUNDATION AND FIRST FLOOR FRAMING PLAN - RESIDENCE HALL

SE# 25010

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4339 JACKSON, MS 39216
(601) 982-7766



NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. SEE S401, S402, AND S403 FOR COLD FORMED DETAILS

SECOND FLOOR FRAMING PLAN - RESIDENCE HALL
1/8" = 1'-0"

3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE

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601.939.7717
deandean.com

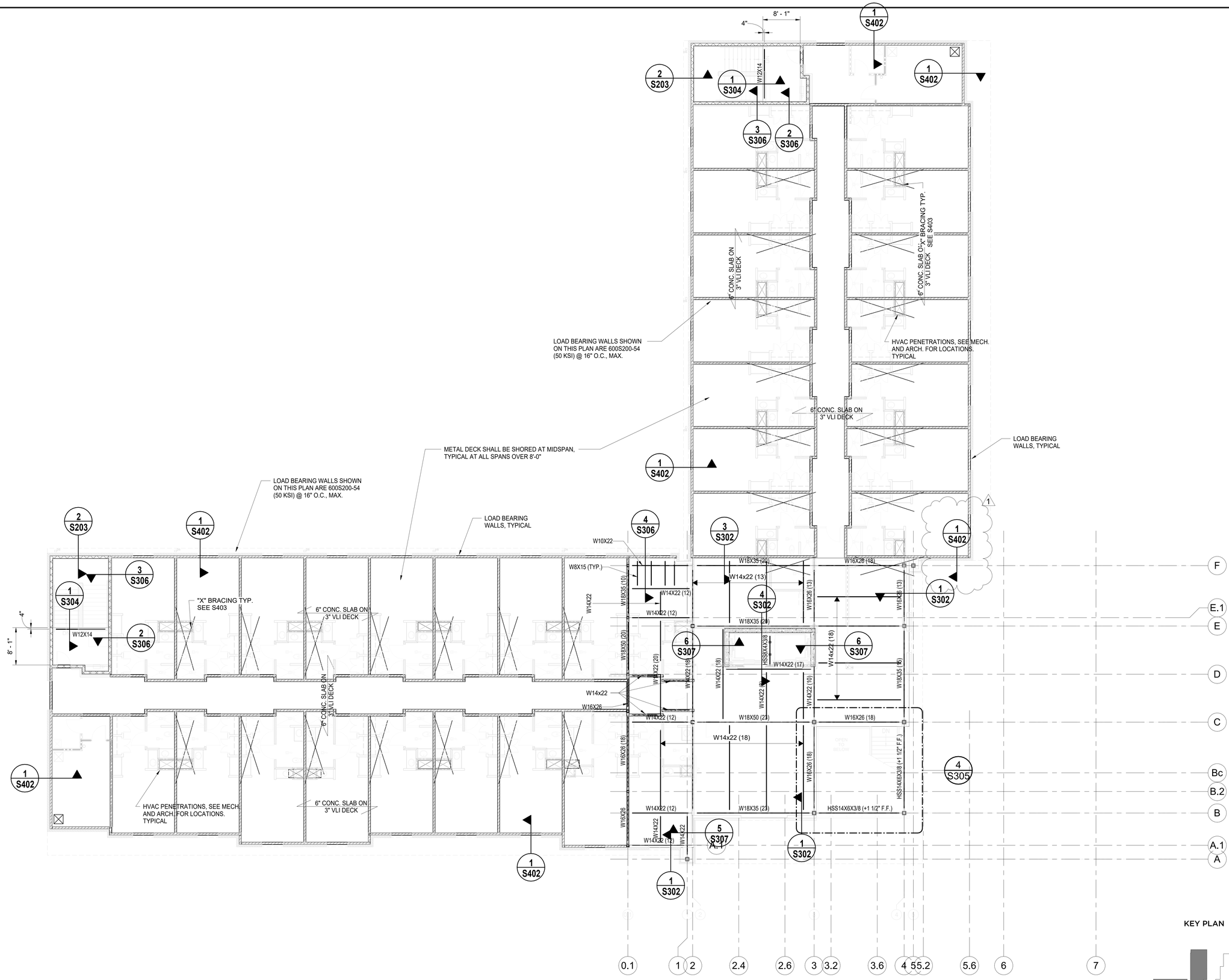
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9-17-25
STATE OF MISSISSIPPI

Project No. : 24053
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Sheet Number:
S102
SECOND FLOOR FRAMING PLAN - RESIDENCE HALL



THIRD FLOOR FRAMING PLAN - RESIDENCE HALL
1/8" = 1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. SEE S401, S402, AND S403 FOR COLD FORMED DETAILS

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STATE OF MISSISSIPPI
9-17-25

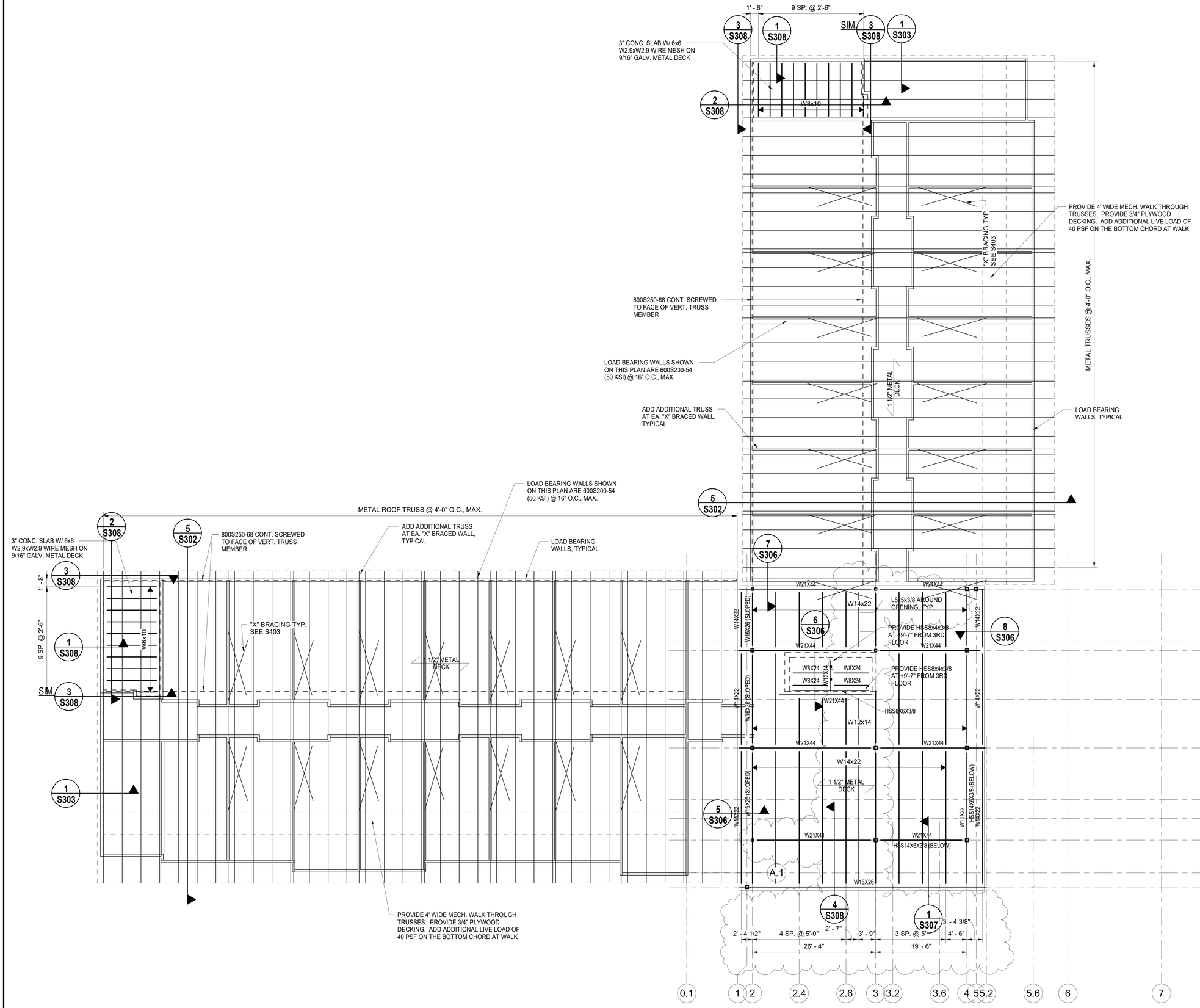
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Sheet Number:
S103
THIRD FLOOR FRAMING PLAN - RESIDENCE HALL



NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. SEE S401, S402, AND S403 FOR COLD FORMED DETAILS

ROOF FRAMING PLAN - RESIDENCE HALL
1/8" = 1'-0"

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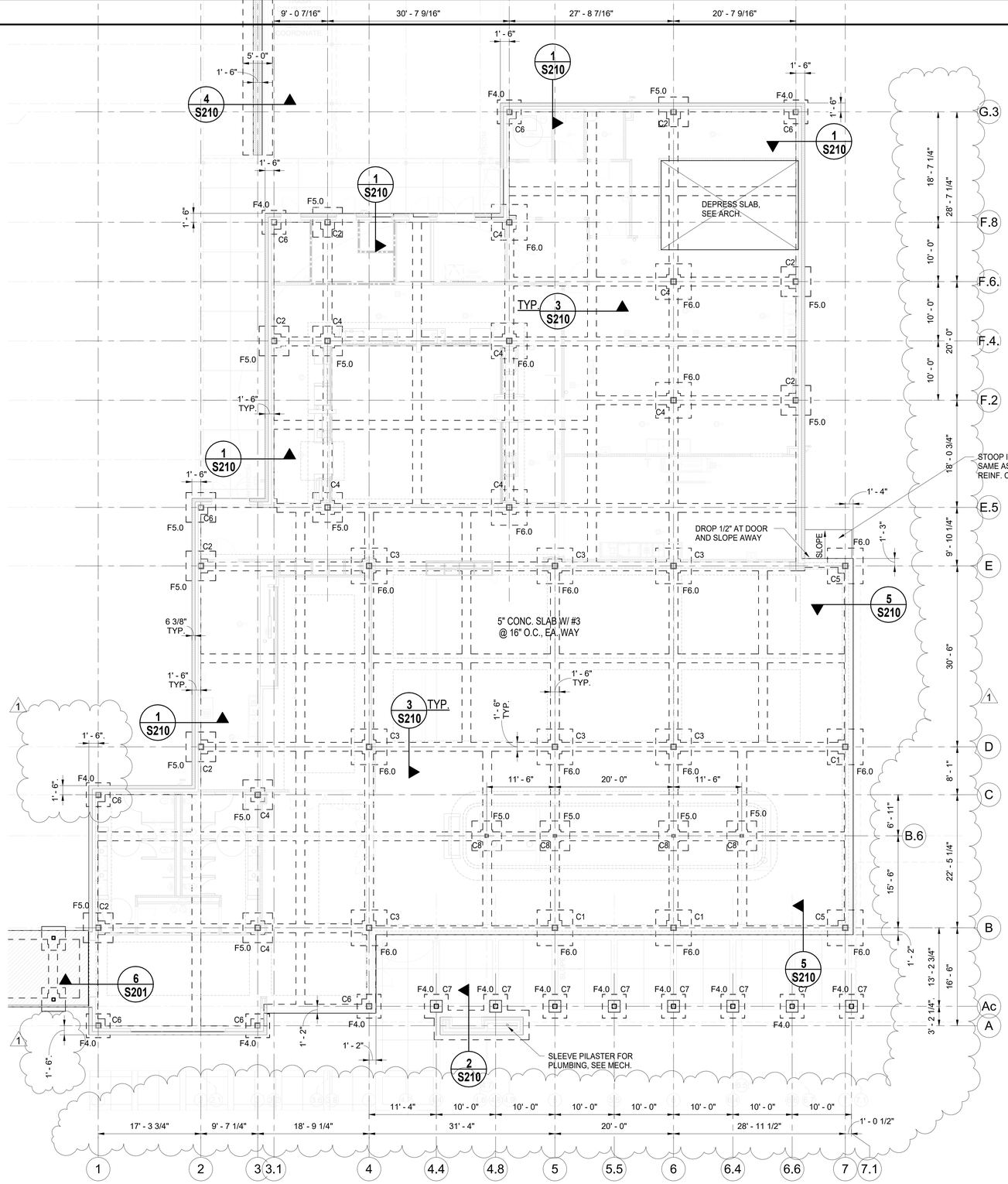
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9-17-25

Project No. : 24053
Date: SEPTEMBER 18, 2025
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Sheet Number:
S104
ROOF FRAMING PLAN - RESIDENCE HALL

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(601) 982-7766



FOUNDATION AND FLOOR FRAMING PLAN - DINING HALL

1/8" = 1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS W/ ARCHITECT

KEY PLAN



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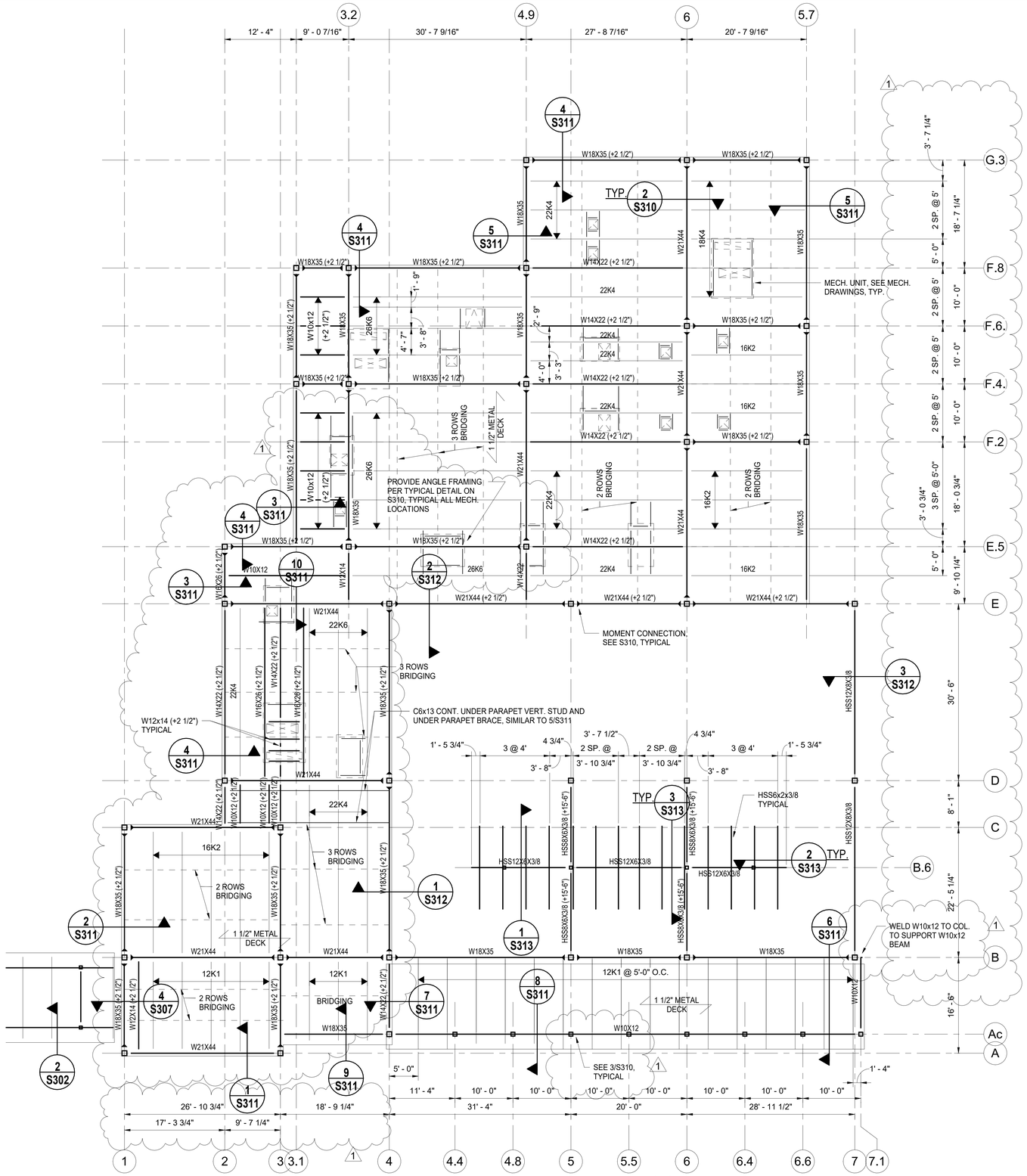
SE# 25010

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Sheet Number:

S111

FOUNDATION AND FLOOR FRAMING PLAN - DINING HALL



NOTES:
1. VERIFY ALL DIMENSIONS W/ ARCHITECT.
2. PROVIDE L3x3x1/4 OR L5x3x3/8 AT ALL ROOF EDGES AND OPENING U.N.O.

LOW ROOF FRAMING PLAN - DINING HALL

1/8" = 1'-0"

KEY PLAN



SE# 25010

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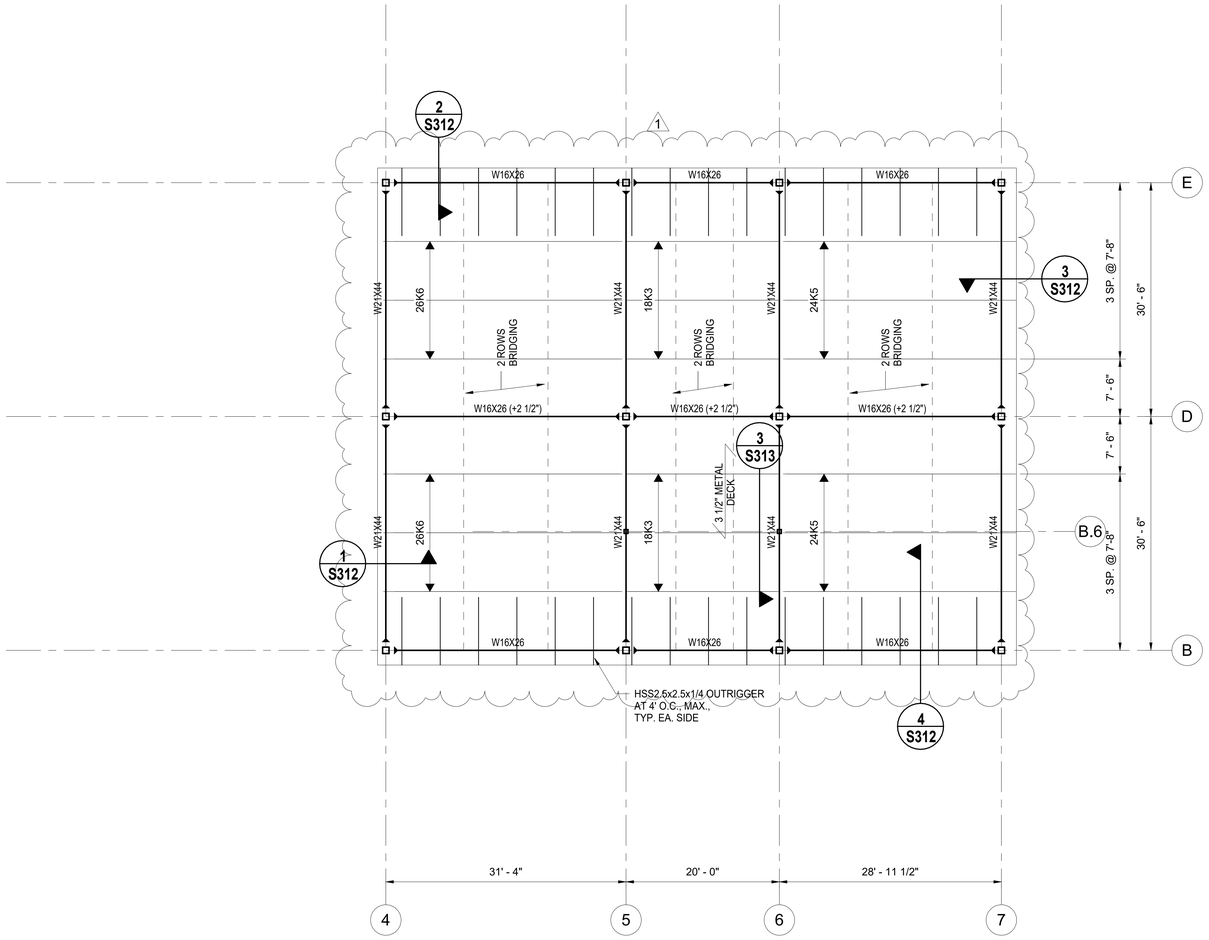
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9-17-25

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Sheet Number:
S112
LOW ROOF FRAMING PLAN - DINING HALL

1" =1'-0" GRAPHIC SCALE
3/4" =1'-0" GRAPHIC SCALE
1 1/2" =1'-0" GRAPHIC SCALE
3" =1'-0" GRAPHIC SCALE
1/2" =1'-0" GRAPHIC SCALE
3/4" =1'-0" GRAPHIC SCALE
1/8" =1'-0" GRAPHIC SCALE



NOTES:
1. VERIFY ALL DIMENSIONS WITH ARCHITECT.
2. ROOF DECK ON THIS SHEET SHALL BE 3.5 INCH DOVETAIL ROOF DECK. DECK SHALL BE 18 GAUGE, 3 SPAN MINIMUM. PROVIDE 36/4 FASTENING W/ 5/8" PUDDLE WELDS, (2) #10 TEK SIDELAP SCREWS.

HIGH ROOF FRAMING PLAN - DINING HALL
1/8" = 1'-0"

3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE
¼" =1'-0" GRAPHIC SCALE
⅛" =1'-0" GRAPHIC SCALE

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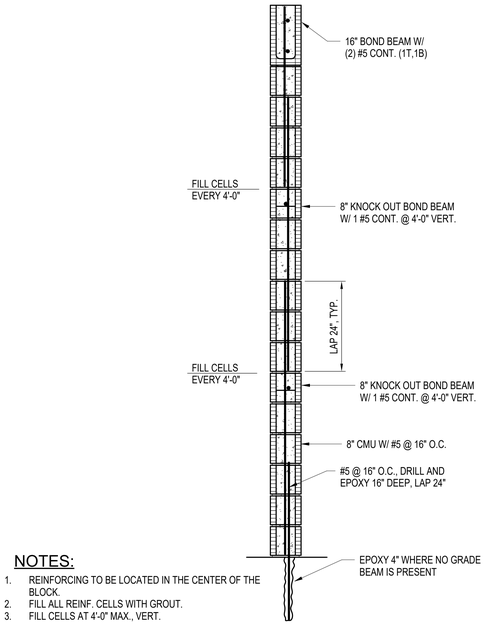
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THE COMMON - PACKAGE A
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KEY PLAN
NORTH
RESIDENCE HALL | DINING HALL | GYMNASIUM

SE# 25010
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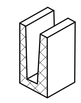
Sheet Number:
S113
HIGH ROOF FRAMING PLAN - DINING HALL



NOTES:

1. REINFORCING TO BE LOCATED IN THE CENTER OF THE BLOCK.
2. FILL ALL REINF. CELLS WITH GROUT.
3. FILL CELLS AT 4'-0" MAX., VERT.

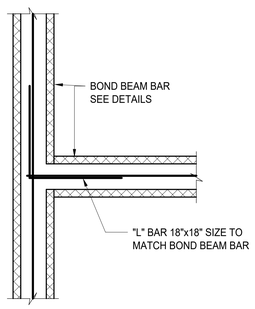
TYPICAL 8" BLOCK WALL
INTERIOR AND EXTERIOR



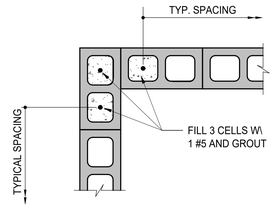
TYPICAL 16" BOND BEAM BLOCK



TYPICAL 8" BOND BEAM BLOCK

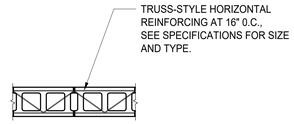


BOND BEAM DETAIL
SIM. @ CORNERS



CORNER DETAIL
TYPICAL EXTERIOR AND INTERIOR

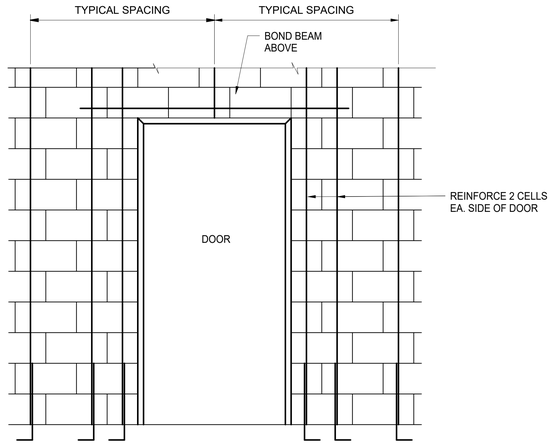
BLOCK WALL INTERSECTION
TYPICAL EXTERIOR AND INTERIOR



HORIZONTAL REINFORCING PLAN

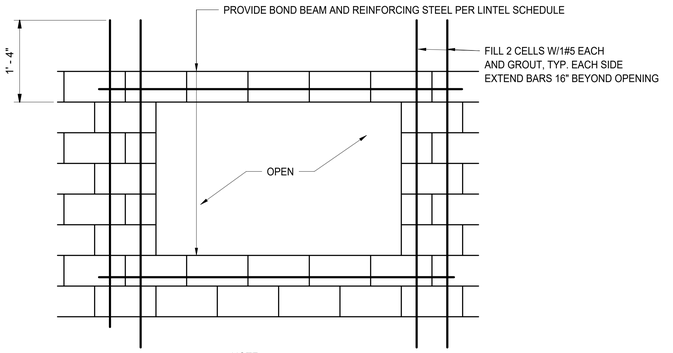
NOTES:

1. LAP 6" MIN.
2. MIN. (2) HORIZ. WIRES, W1.7 MIN.
3. SPACE @ 16" O.C. VERT.



DOOR DETAIL

REINFORCING AT DOORS TYPICAL
INTERIOR AND EXTERIOR WALLS



NOTE:
REINFORCING SHOWN IS IN ADDITION
TO TYP. WALL REINFORCING

WINDOW DETAIL
REINFORCING AROUND OPENINGS
EXTERIOR AND INTERIOR WALLS

TYPICAL CONCRETE BLOCK REINFORCING DETAILS

1. AT DOOR & WINDOWS, PROVIDE VERTICAL REINFORCING EA. SIDE AS SHOWN ON DETAILS.
2. PROVIDE VERTICAL REINF. AT ALL CORNERS AND INTERSECTIONS.
3. ALL BLOCK WALLS, EXT. AND INT., SHALL BE REINFORCED SIMILAR TO DETAILS SHOWN.

1 S203 TYPICAL BEAM TO BLOCK WALL CONNECTION
1" = 1'-0" 1"=1'-0"

2 S203 1" = 1'-0"

KEY PLAN

SE# 25010

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STATE OF MISSISSIPPI
9-17-25

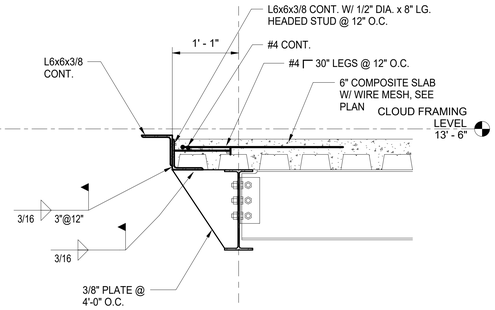
Project No. : 24053
Date: SEPTEMBER 18, 2025
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Checked: KSM
Revisions: 1 9-30-2025

THE COMMON - PACKAGE A
(RANKINCAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

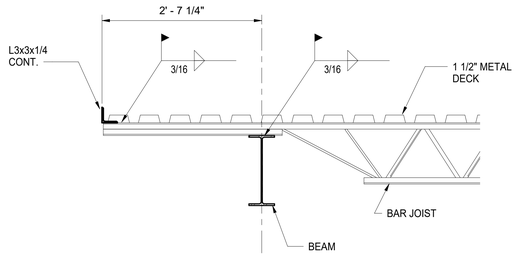
Sheet Number:
S203

CMU WALL DETAILS - RESIDENCE HALL

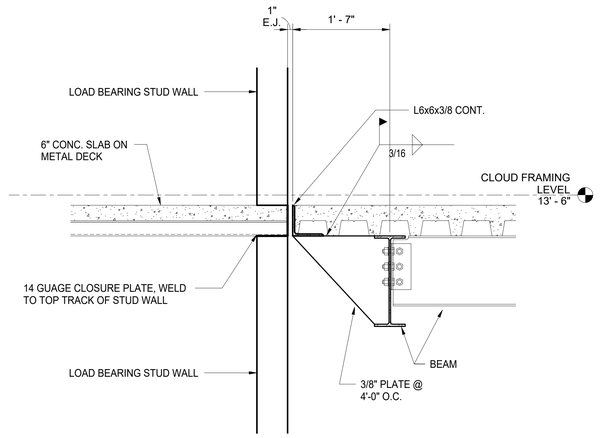
1" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
¼" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE



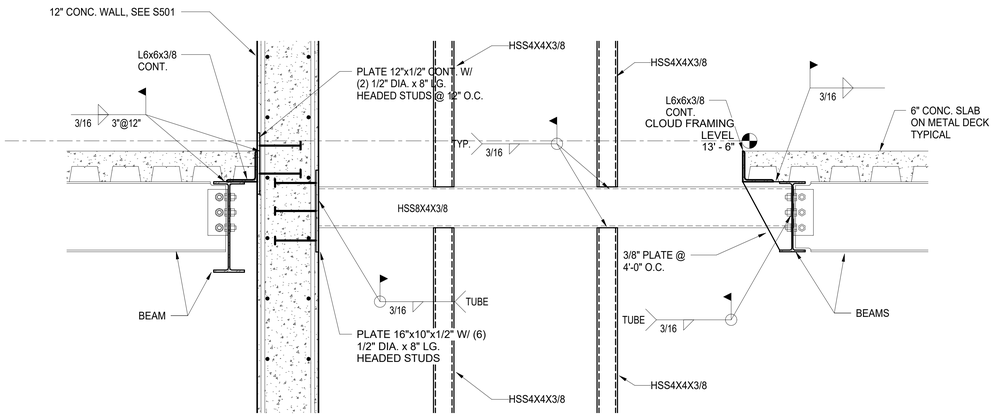
1 S302 1" = 1'-0"



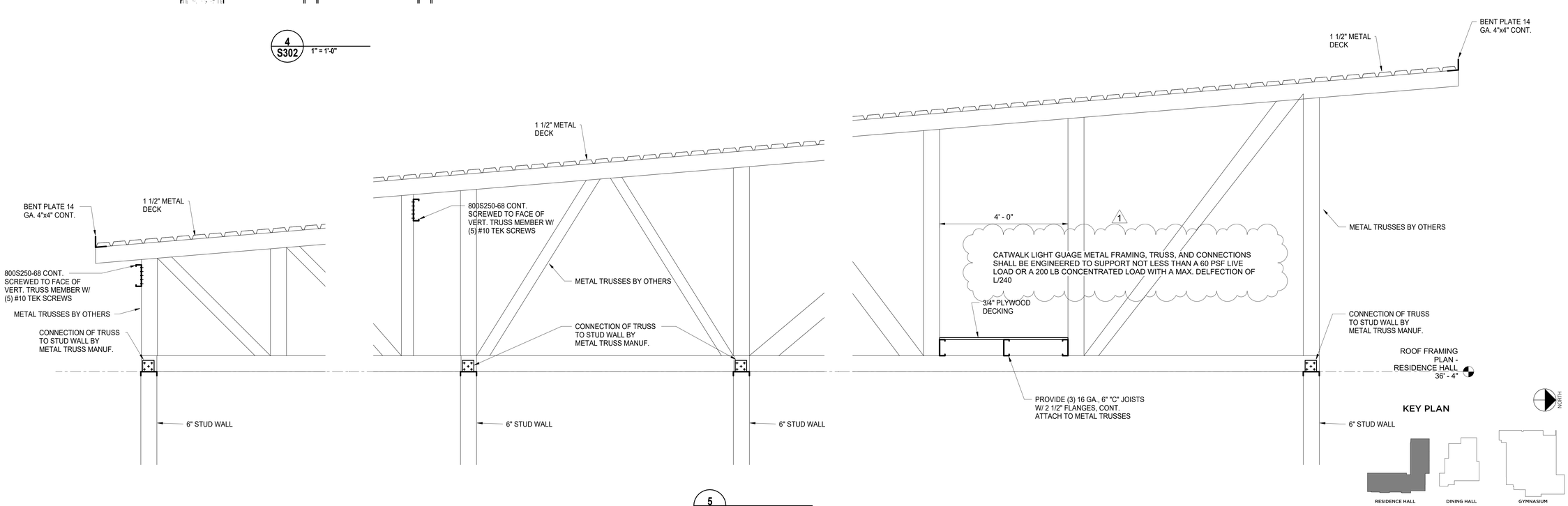
2 S302 1" = 1'-0"



3 S302 1" = 1'-0"



4 S302 1" = 1'-0"



5 S302 3/4" = 1'-0"

3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
⅜" = 1'-0" GRAPHIC SCALE

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KENNETH SIMMONS MCGRATH
LICENSED PROFESSIONAL ENGINEER
17092
9-17-25
STATE OF MISSISSIPPI

Project No. : 24053
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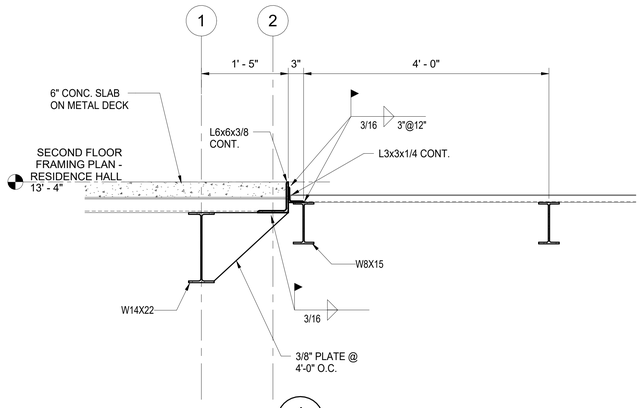
THE COMMON - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
S302

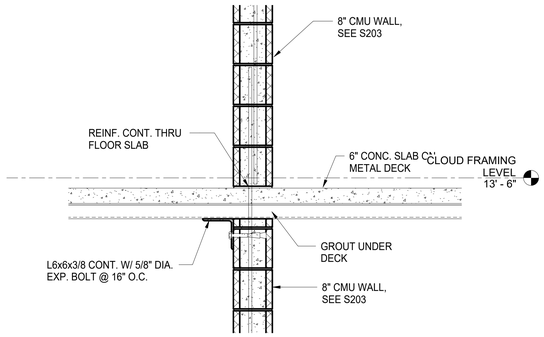
STEEL DETAILS - RESIDENCE HALL

SE# 25010

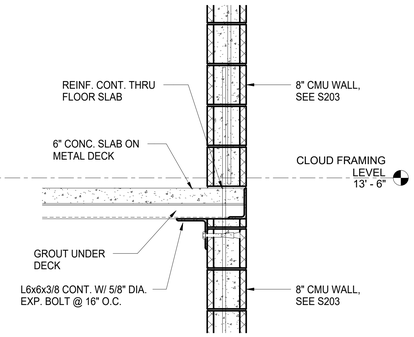
Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766



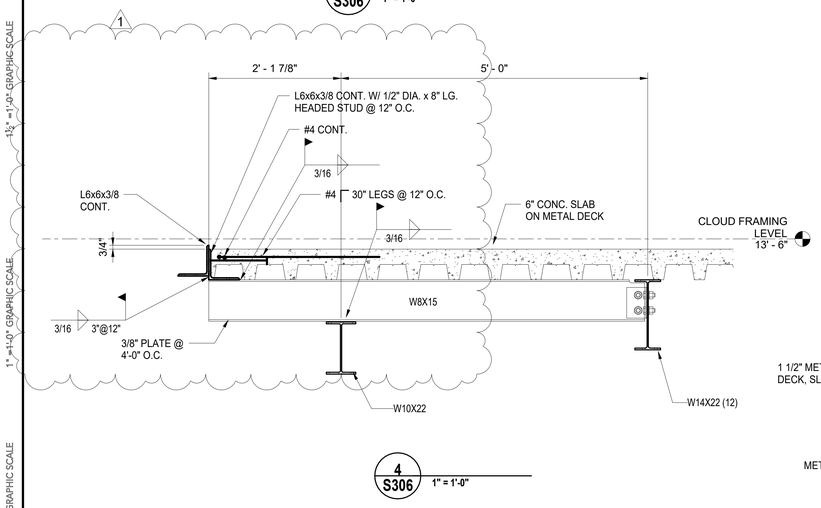
1 S306 1" = 1'-0"



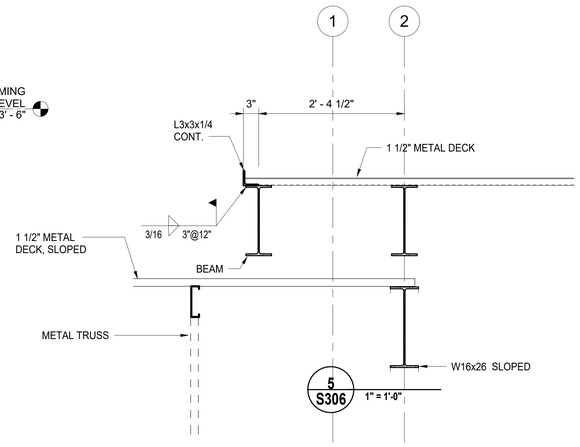
2 S306 1" = 1'-0"



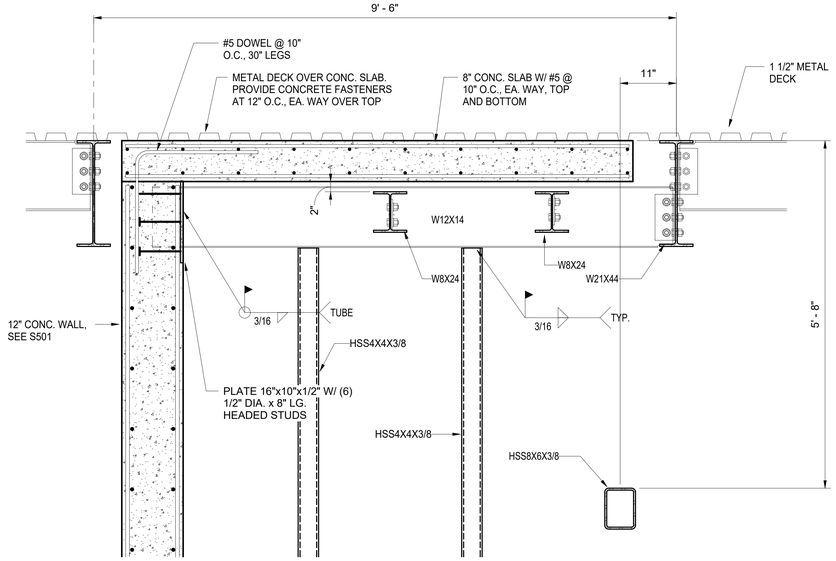
3 S306 1" = 1'-0"



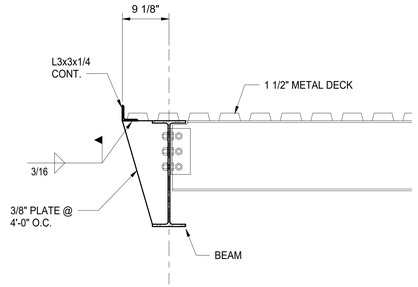
4 S306 1" = 1'-0"



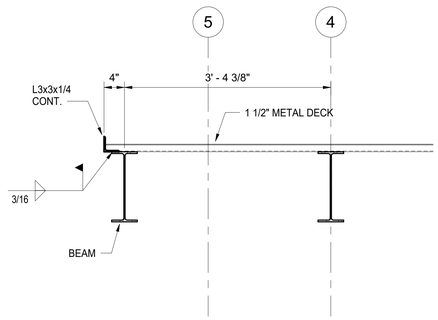
5 S306 1" = 1'-0"



6 S306 1" = 1'-0"

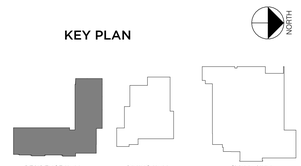


7 S306 1" = 1'-0"



8 S306 1" = 1'-0"

KEY PLAN



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Ridgeland, MS 39157
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KENNETH SIMMONS MCGRATH LICENSED PROFESSIONAL ENGINEER 17092 STATE OF MISSISSIPPI 9-17-25

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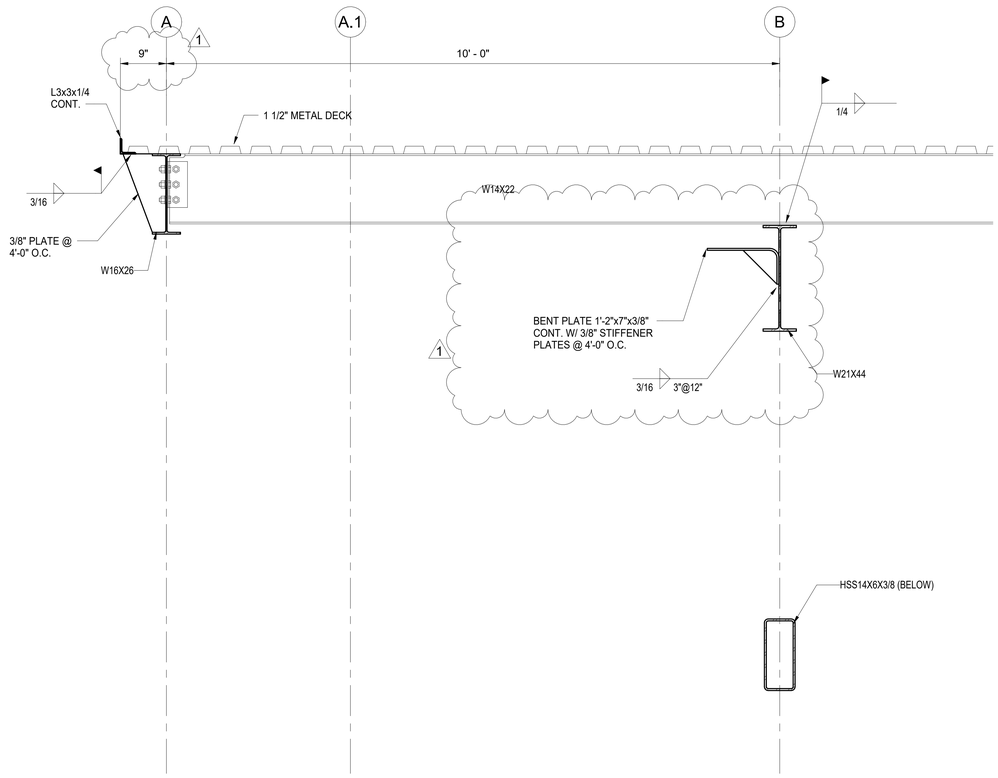
THE COMMON - PACKAGE A
(RANKINCAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

SE# 25010

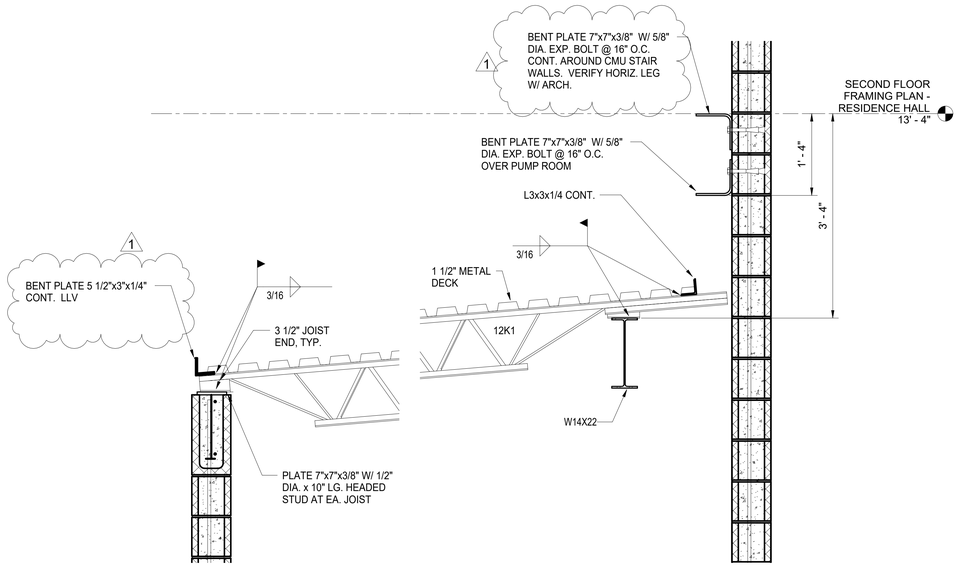
Spencer-Engineers, Inc.
Consultants
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Sheet Number: S306

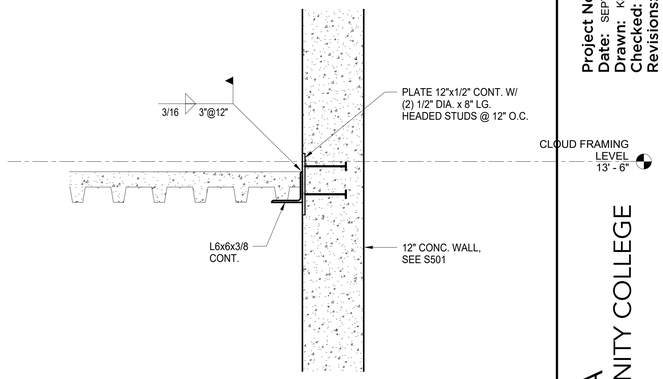
STEEL DETAILS - RESIDENCE HALL



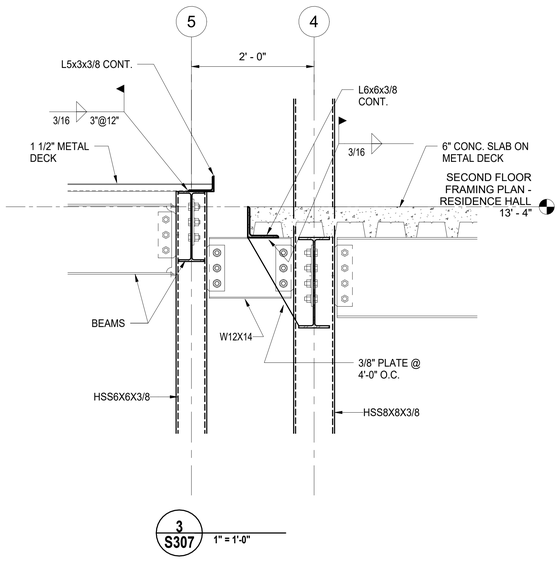
1 S307 1" = 1'-0"



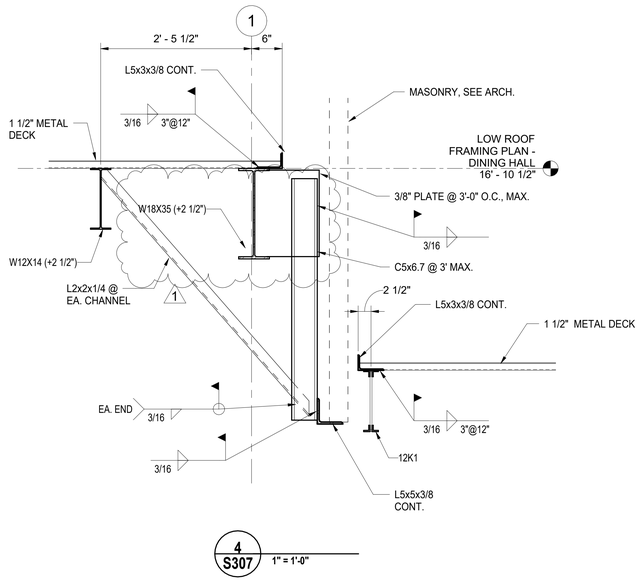
2 S307 1" = 1'-0"



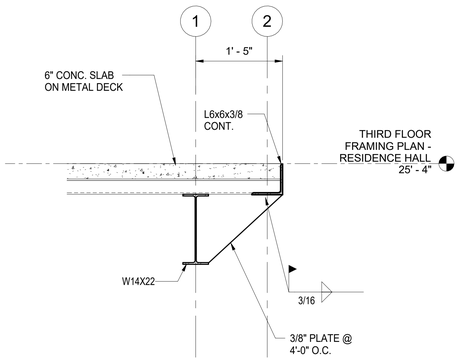
6 S307 1" = 1'-0"



3 S307 1" = 1'-0"

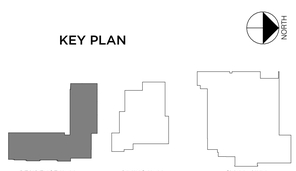


4 S307 1" = 1'-0"



5 S307 1" = 1'-0"

KEY PLAN



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KENNETH SIMMONS MCGRATH
LICENSED PROFESSIONAL ENGINEER
17092
9-17-25
STATE OF MISSISSIPPI

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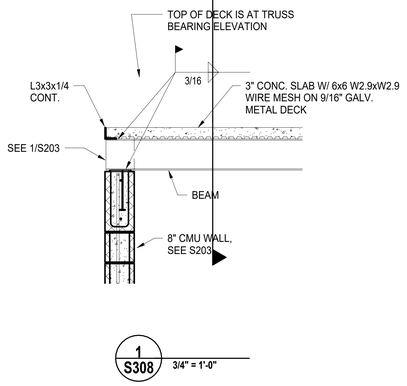
SE# 25010

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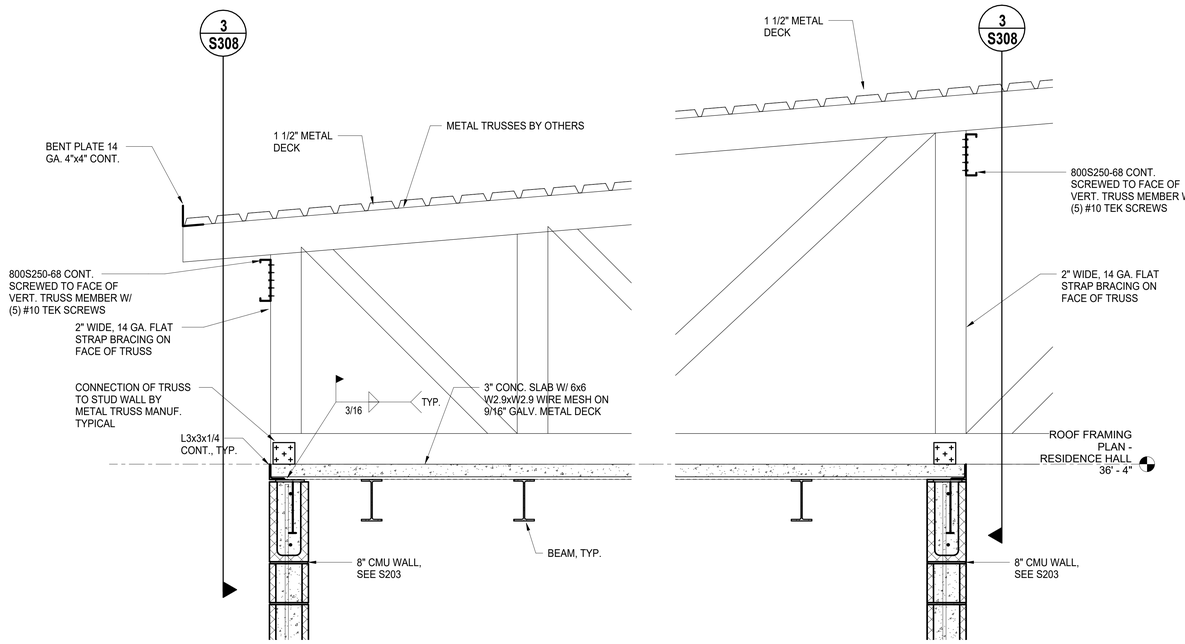
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STEEL DETAILS - RESIDENCE HALL

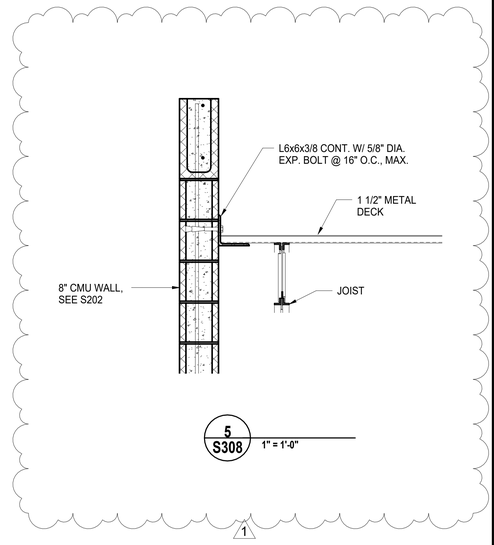
1" = 1'-0" GRAPHIC SCALE
0 1 2 3 4
¾" = 1'-0" GRAPHIC SCALE
0 6" 1 2
½" = 1'-0" GRAPHIC SCALE
0 6" 1 2 3
½" = 1'-0" GRAPHIC SCALE
0 6" 1 2 3 4
½" = 1'-0" GRAPHIC SCALE
0 2" 4" 6" 1
1½" = 1'-0" GRAPHIC SCALE
0 2" 4" 6" 1 2
3" = 1'-0" GRAPHIC SCALE
0 2" 6" 1

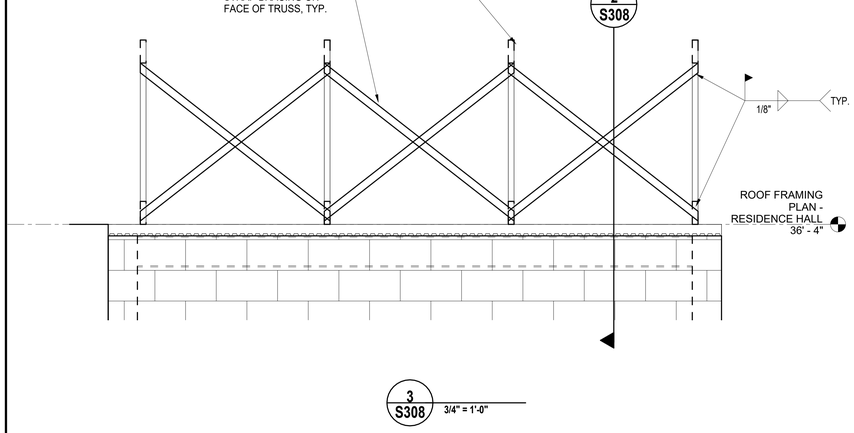


1 S308 3/4" = 1'-0"

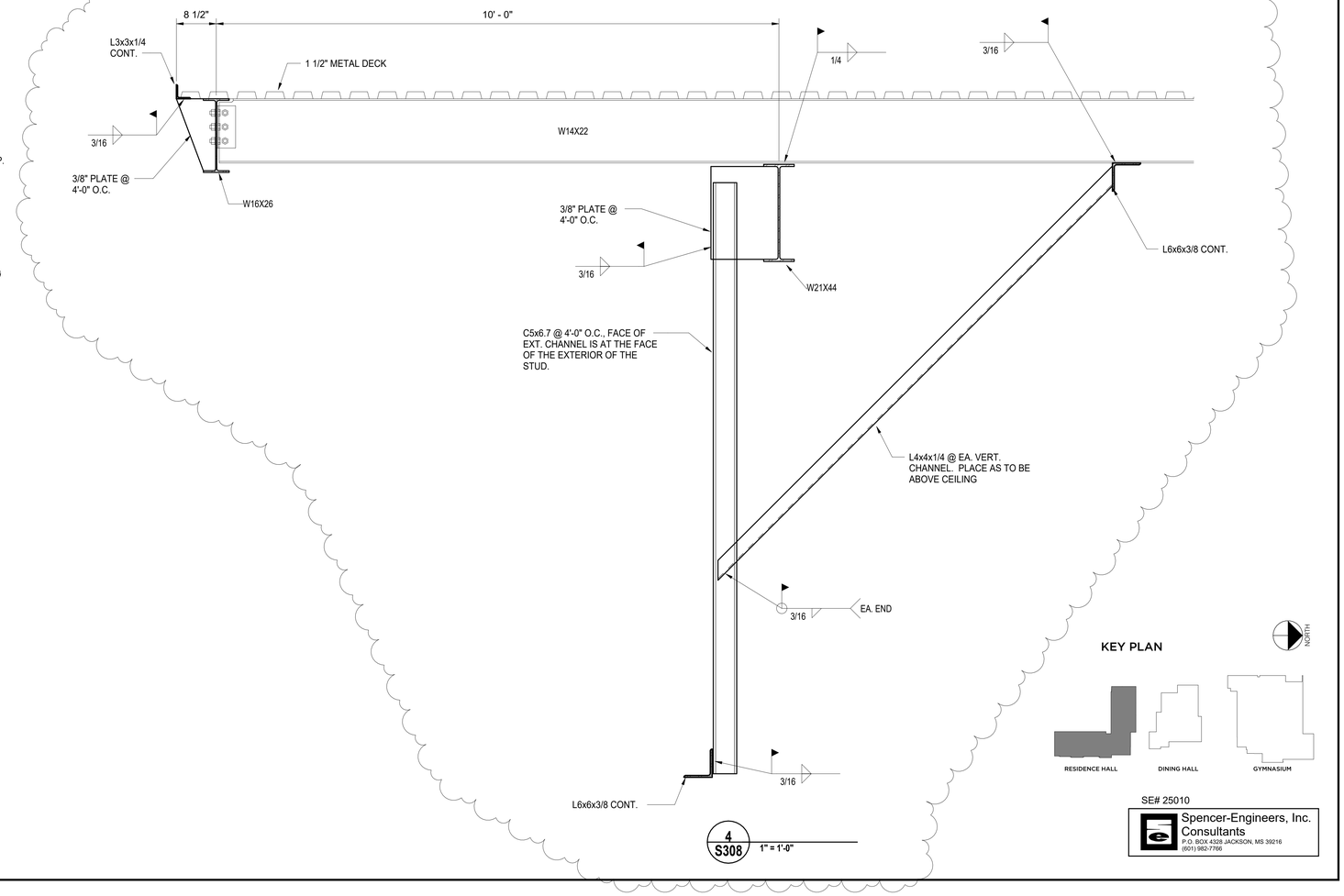


2 S308 1" = 1'-0"





3 S308 3/4" = 1'-0"



4 S308 1" = 1'-0"

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KENNETH SIMMONS MCCARTH LICENSED PROFESSIONAL ENGINEER 17092 STATE OF MISSISSIPPI
9-17-25

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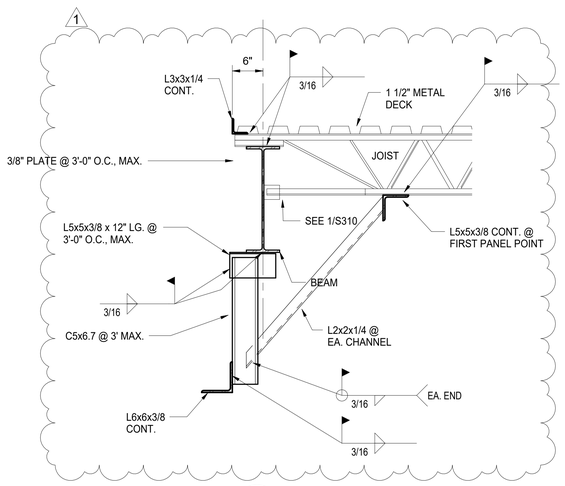
THE COMMON - PACKAGE A
(RANKINCAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
S308
STEEL DETAILS - RESIDENCE HALL

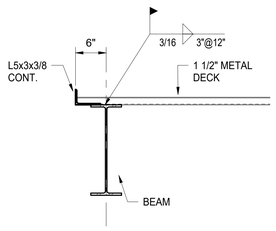
SE# 25010

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Consultants
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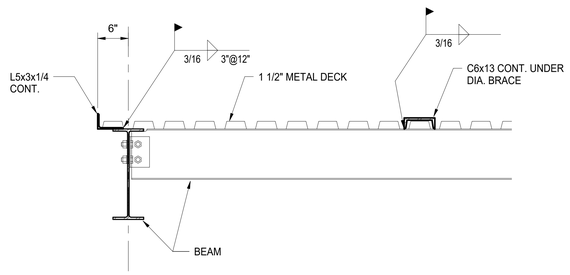
1" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE



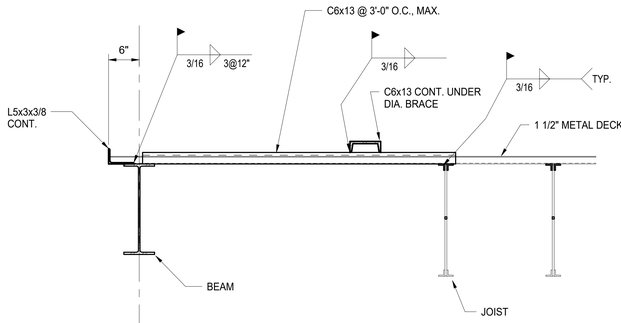
1 S311 1" = 1'-0"



2 S311 1" = 1'-0"



3 S311 1" = 1'-0"

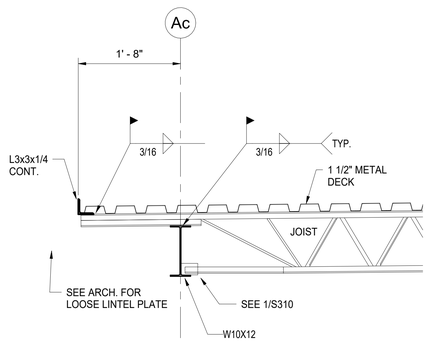


4 S311 1" = 1'-0"

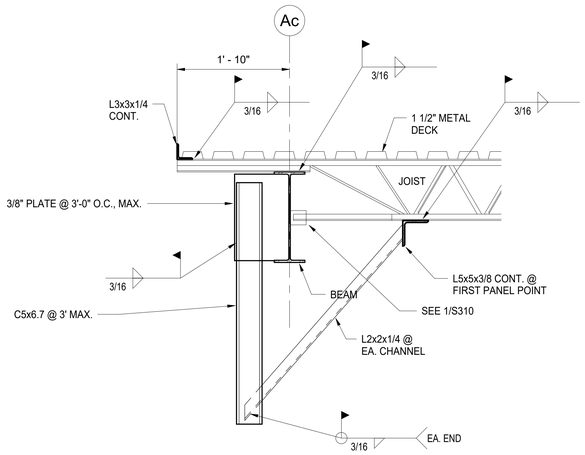
5 S311 1" = 1'-0"

6 S311 1" = 1'-0"

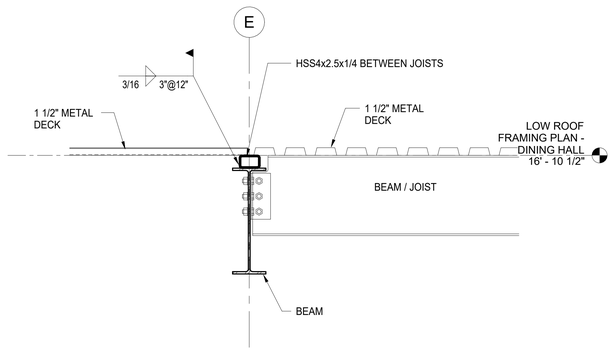
7 S311 1" = 1'-0"



8 S311 1" = 1'-0"



9 S311 1" = 1'-0"



10 S311 1" = 1'-0"

KEY PLAN



SE# 25010

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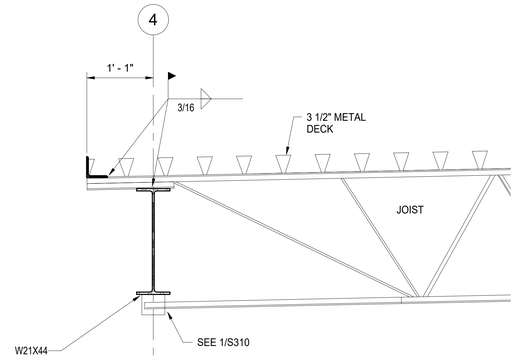
KENNETH SIMMONS MCGRIFF
LICENSED PROFESSIONAL ENGINEER
17092
STATE OF MISSISSIPPI
10-17-25

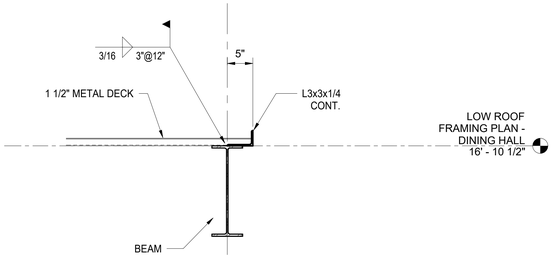
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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

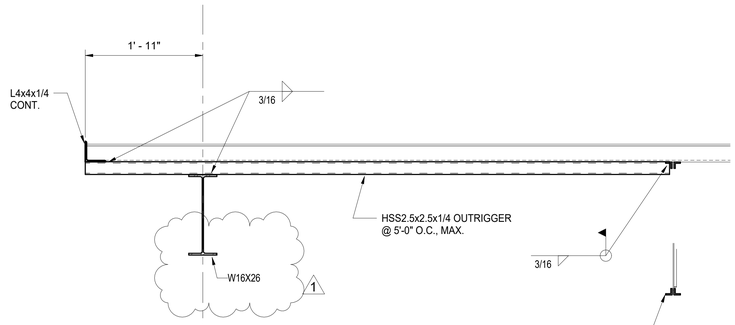
Sheet Number:
S311
STEEL DETAILS - DINING HALL

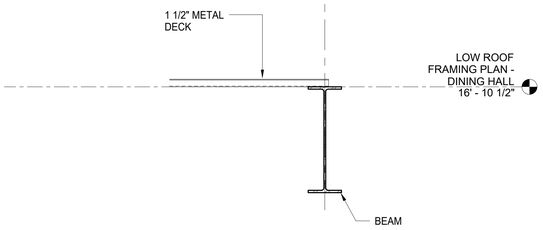
3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE
¼" =1'-0" GRAPHIC SCALE
⅛" =1'-0" GRAPHIC SCALE



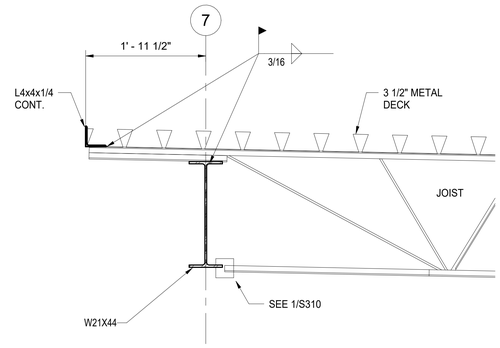


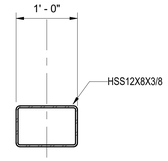
1 S312 1" = 1'-0"



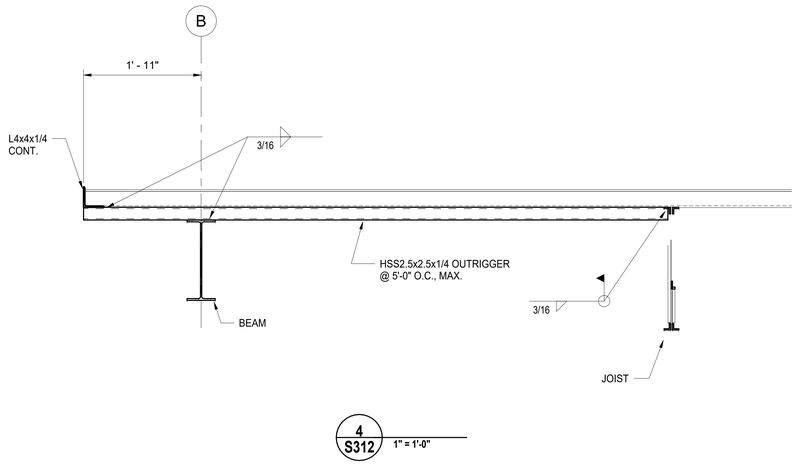


2 S312 1" = 1'-0"





3 S312 1" = 1'-0"



4 S312 1" = 1'-0"

3" =1'-0" GRAPHIC SCALE

1½" =1'-0" GRAPHIC SCALE

1" =1'-0" GRAPHIC SCALE

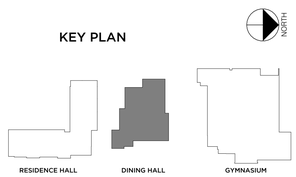
¾" =1'-0" GRAPHIC SCALE

½" =1'-0" GRAPHIC SCALE

¼" =1'-0" GRAPHIC SCALE

⅛" =1'-0" GRAPHIC SCALE

KEY PLAN



SE# 25010

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601.939.7717
deandean.com

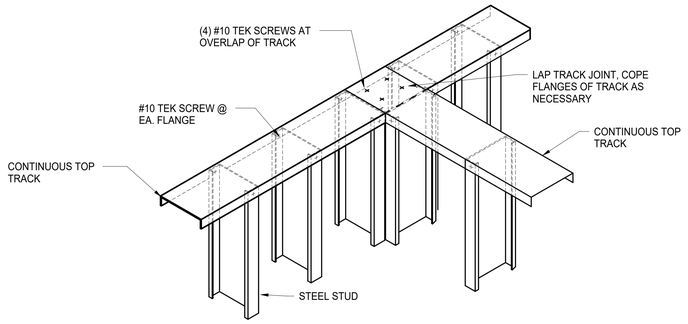
KENNETH SIMMONS MCGRATH LICENSED PROFESSIONAL ENGINEER 17092 STATE OF MISSISSIPPI 9-17-25

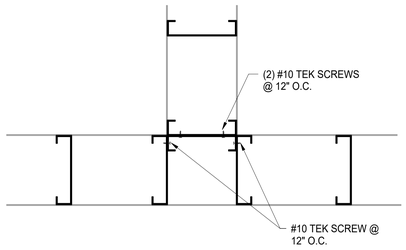
Project No. : 24053
Date: SEPTEMBER 18, 2025
Drawn: KSM
Checked: KSM
Revisions: 1 9-30-2025

THE COMMON - PACKAGE A
(RANKINCAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

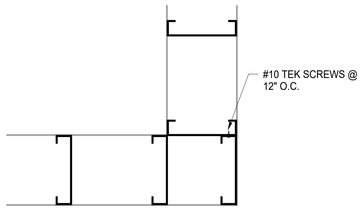
Sheet Number:
S312

STEEL DETAILS - DINING HALL



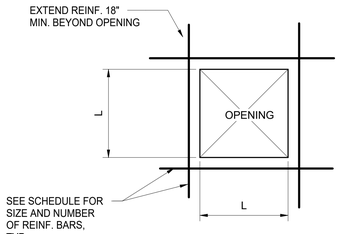


INTERSECTION



CORNER

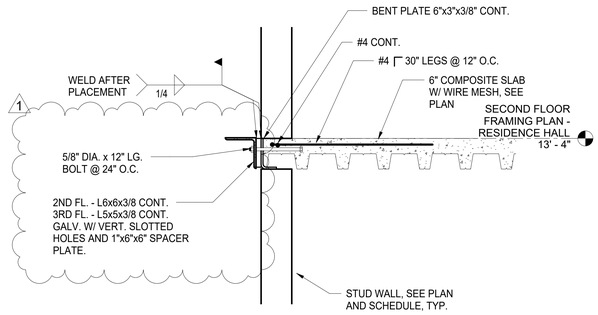
TYPICAL STUD WALL INTERSECTION DETAIL
3/4" = 1'-0"



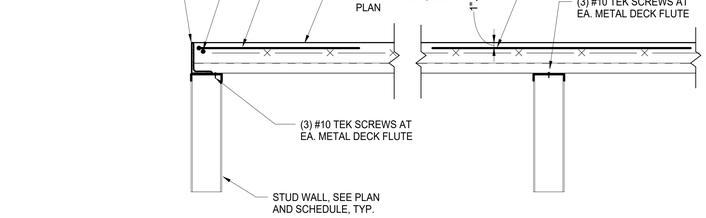
NOTE: PROVIDE PROPER FORMING AND POUR STOPS FOR OPENING IN SLAB. CUT DECK AFTER CONCRETE HAS REACHED 75% OF THE SPECIFIED STRENGTH.

COMPOSITE FLOOR OPENING REINFORCING SCHEDULE	
OPENING SIZE (L)	REINFORCING REQUIRED
UP TO 8"	NO REINF. REQUIRED
8" - 16"	(2) #4 EA. SIDE
16" - 24"	(3) #4 EA. SIDE
OVER 24"	REQUIRES STRUCTURAL DETAIL

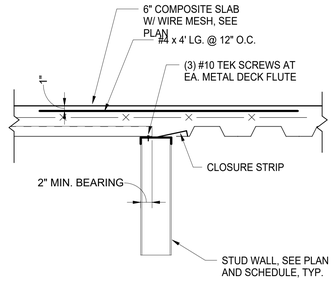
TYPICAL COMPOSITE SLAB OPENING
1" = 1'-0"



1 / S402 1" = 1'-0"

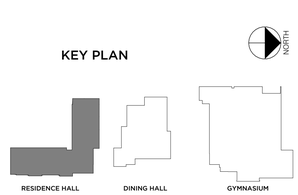


TYPICAL DECK TO BEARING WALL CONNECTION
1" = 1'-0"



TYPICAL DECK SPAN CHANGE DETAIL
1" = 1'-0"

KEY PLAN



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Project No. : 24053
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THE COMMON - PACKAGE B
(RANKINCAMPU) HINDS COMMUNITY COLLEGE
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PEARL, MISSISSIPPI

Sheet Number:
S402

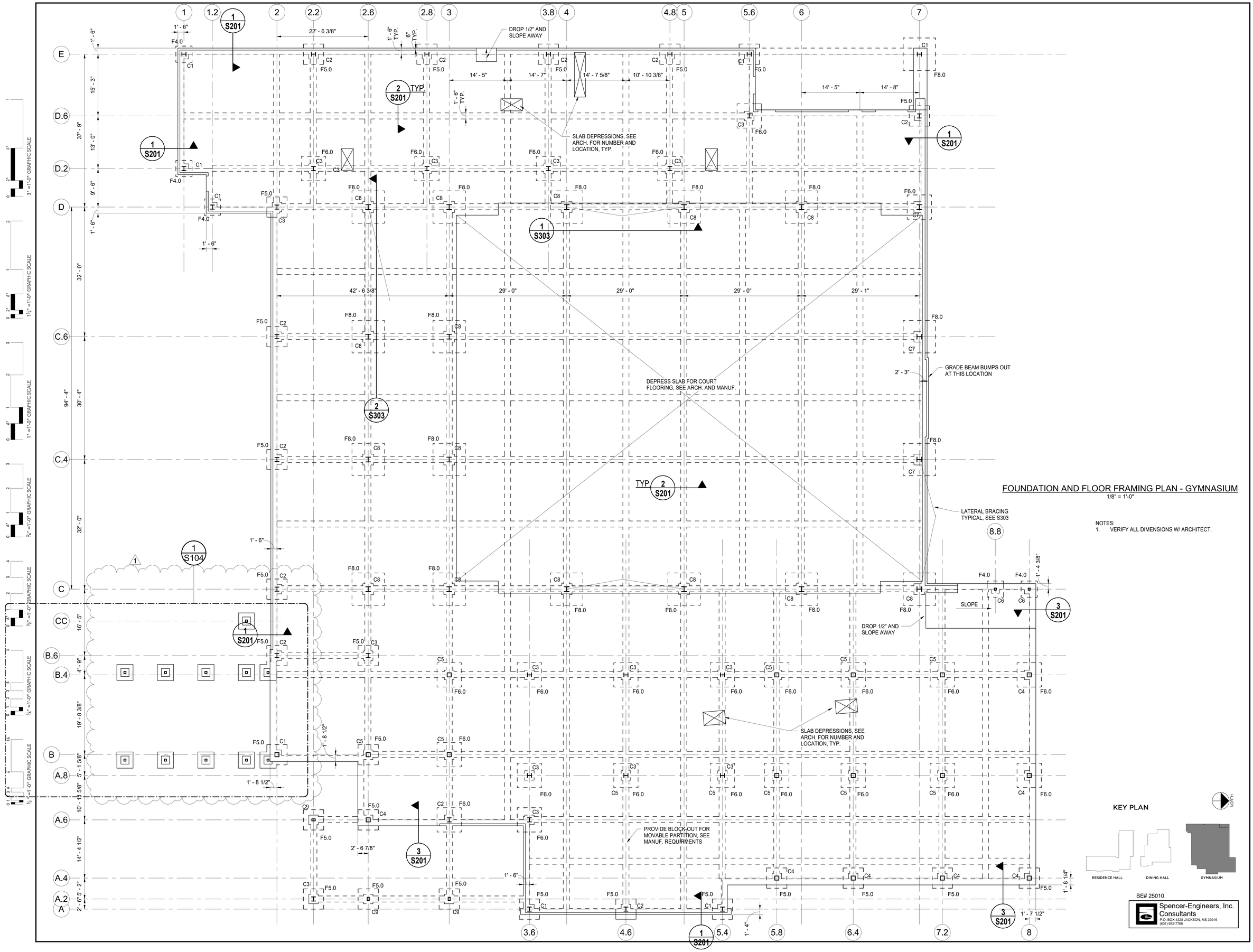
COLD FORMED STEEL DETAILS

3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
¼" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

FOUNDATION AND FLOOR FRAMING PLAN - GYMNASIUM

1/8" = 1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS W/ ARCHITECT.



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KENNETH SIMMONS JACKSON
LICENSED PROFESSIONAL ENGINEER
17092
STATE OF MISSISSIPPI
9-17-25

Project No. : 24053
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THE COMMONS - PACKAGE B (ADD ALTERNATE #2)
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PEARL, MISSISSIPPI

Sheet Number:

S101

FOUNDATION AND FLOOR FRAMING PLAN - GYMNASIUM

LOW ROOF FRAMING PLAN - GYMNASIUM

1/8" = 1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS W/ ARCHITECT.
2. PROVIDE L3x3x1/4 OR L5x3x3/8 AT ALL ROOF EDGES AND OPENINGS U.N.O.

KEY PLAN

RESIDENCE HALL | DINING HALL | GYMNASIUM

DEAN ARCHITECTURE
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Ridgeland, MS 39157
601.939.7717
deandean.com

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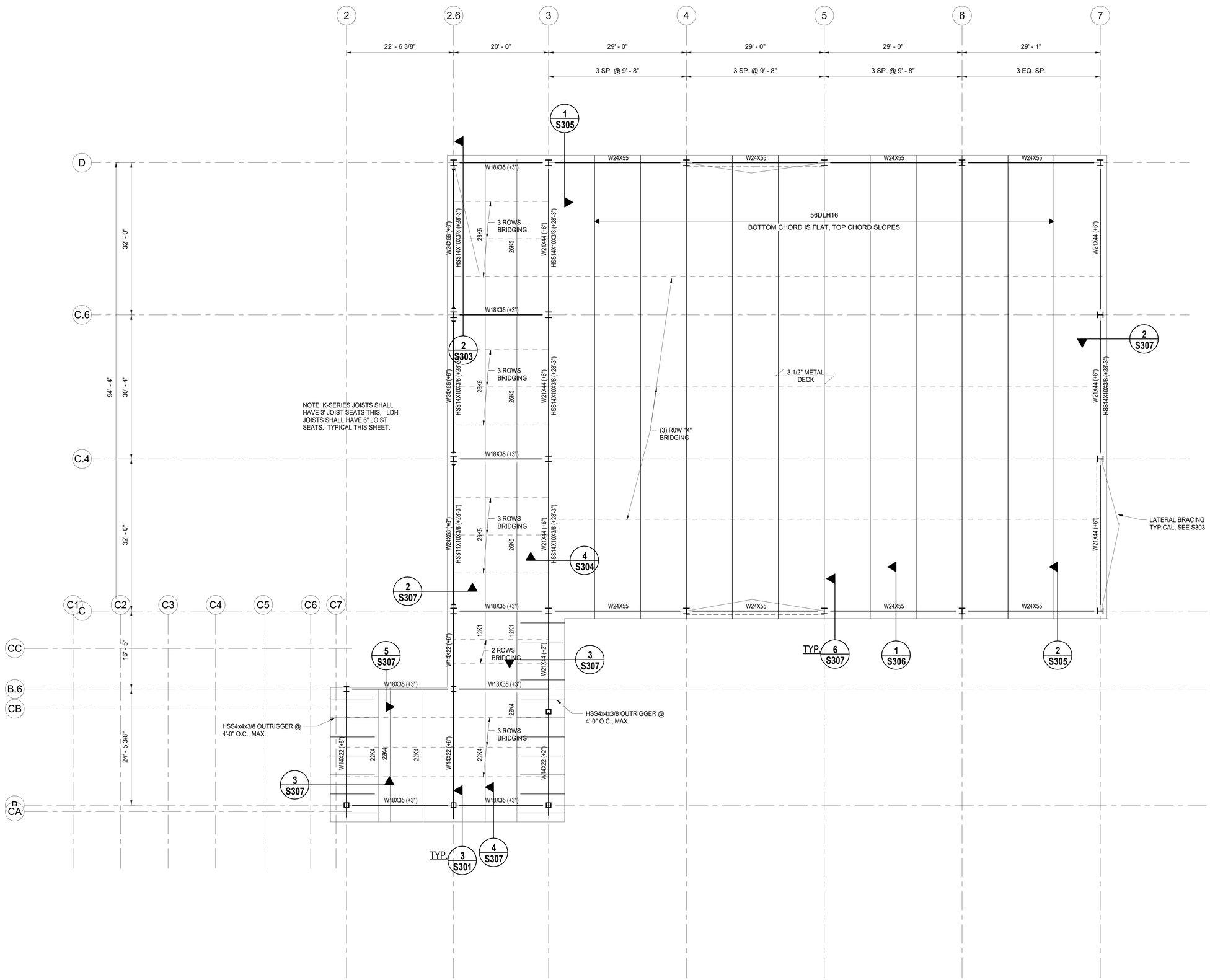
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Sheet Number: S102

LOW ROOF FRAMING PLAN - GYMNASIUM



HIGH ROOF FRAMING PLAN - GYMNASIUM
1/8" = 1'-0"

NOTES:
1. VERIFY ALL DIMENSIONS W/ ARCHITECT.
2. PROVIDE L3x3x1/4 OR L5x3x3/8 AT ALL ROOF EDGES AND OPENINGS U.N.O.

3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE
¼" =1'-0" GRAPHIC SCALE
⅛" =1'-0" GRAPHIC SCALE

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LICENSED PROFESSIONAL ENGINEER
17092
9-17-25
STATE OF MISSISSIPPI

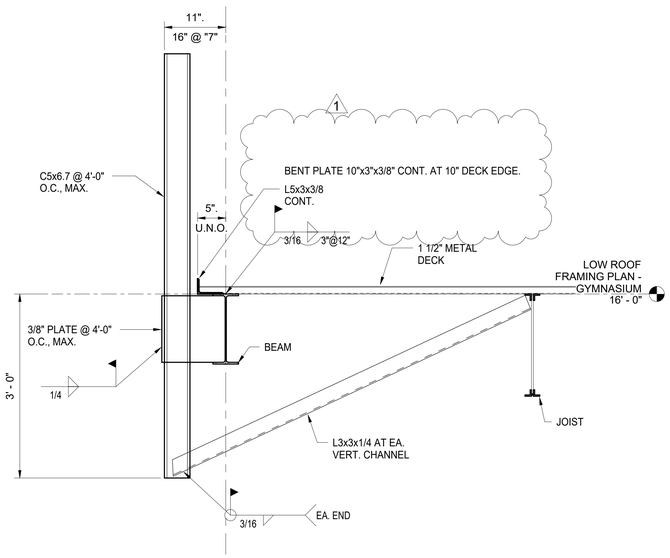
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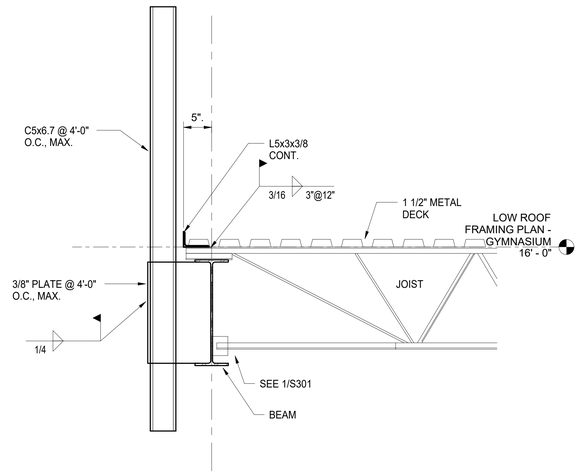
KEY PLAN
NORTH
RESIDENCE HALL
DINING HALL
GYMNASIUM

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Spencer-Engineers, Inc.
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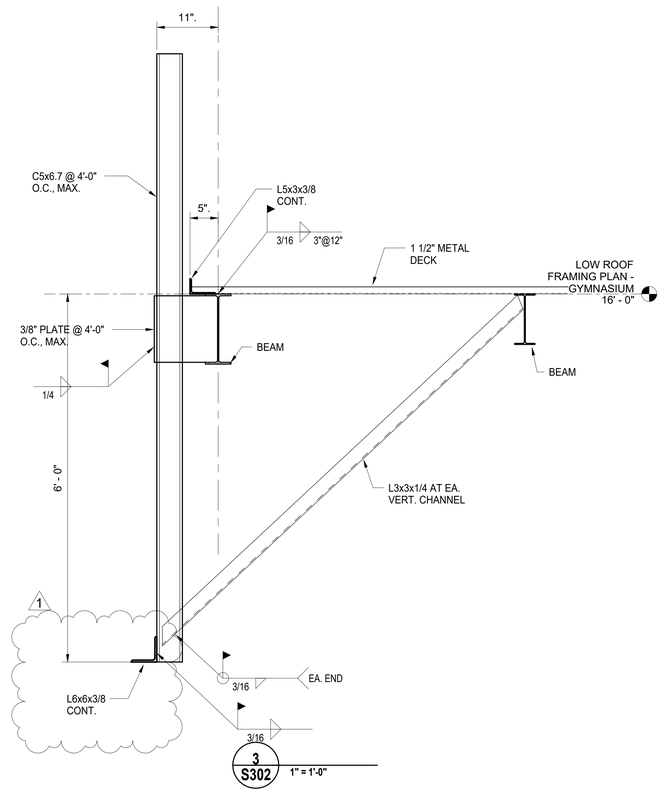
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S103
HIGH ROOF FRAMING PLAN - GYMNASIUM



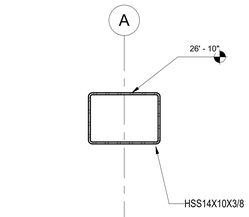
1 S302 1" = 1'-0"

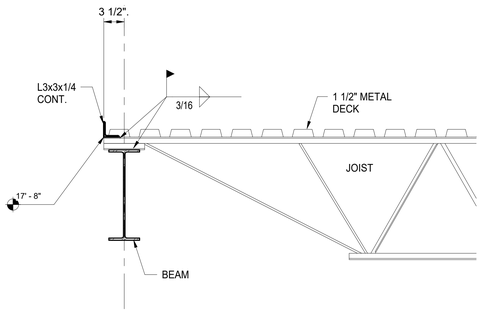


2 S302 1" = 1'-0"

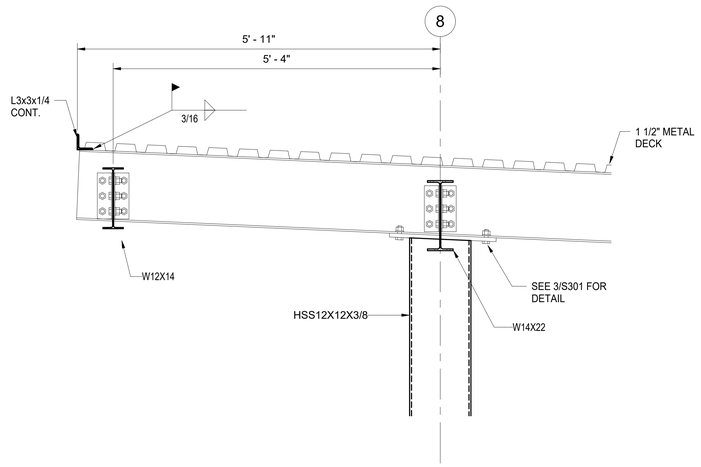


3 S302 1" = 1'-0"

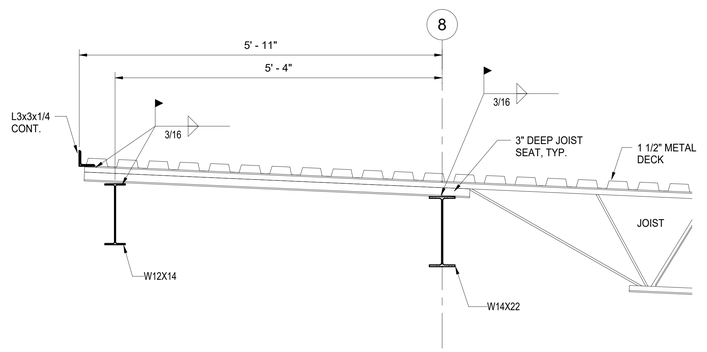




4 S302 1" = 1'-0"

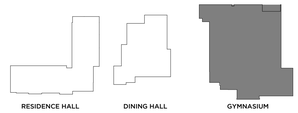


5 S302 1" = 1'-0"



6 S302 1" = 1'-0"

KEY PLAN



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STATE OF MISSISSIPPI
9-17-25

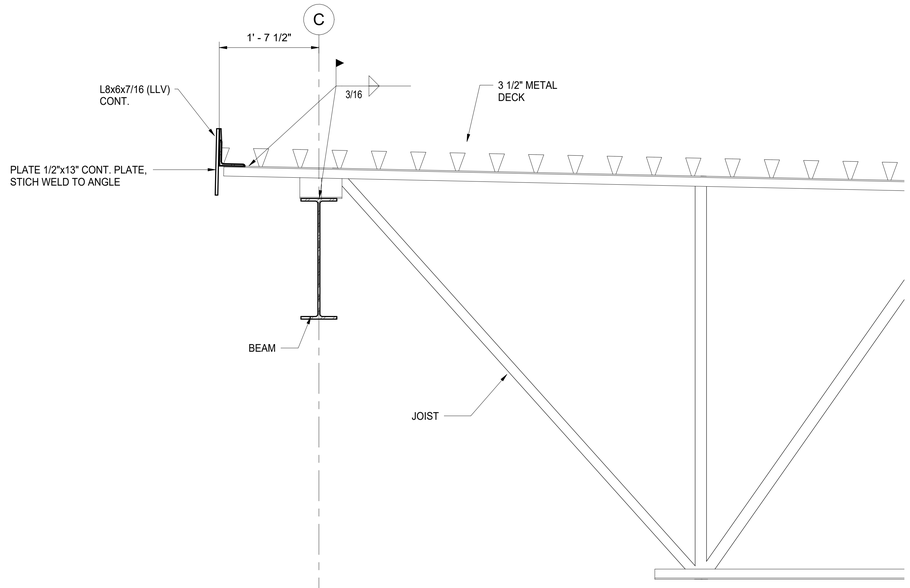
Project No. : 24053
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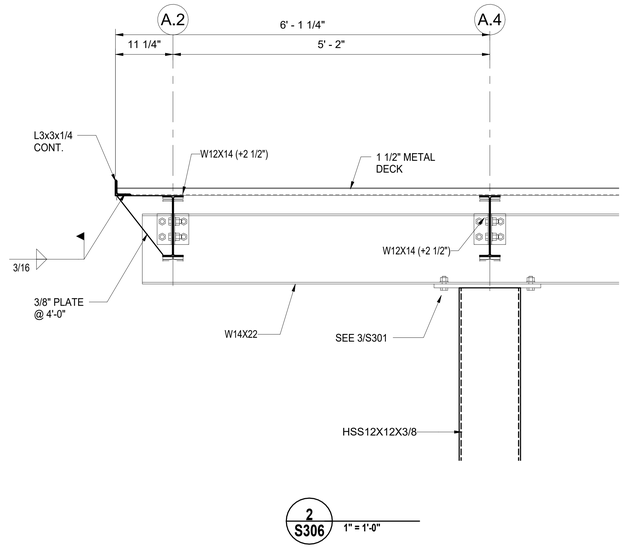
THE COMMONS - PACKAGE B (ADD ALTERNATE #2)
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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
S302

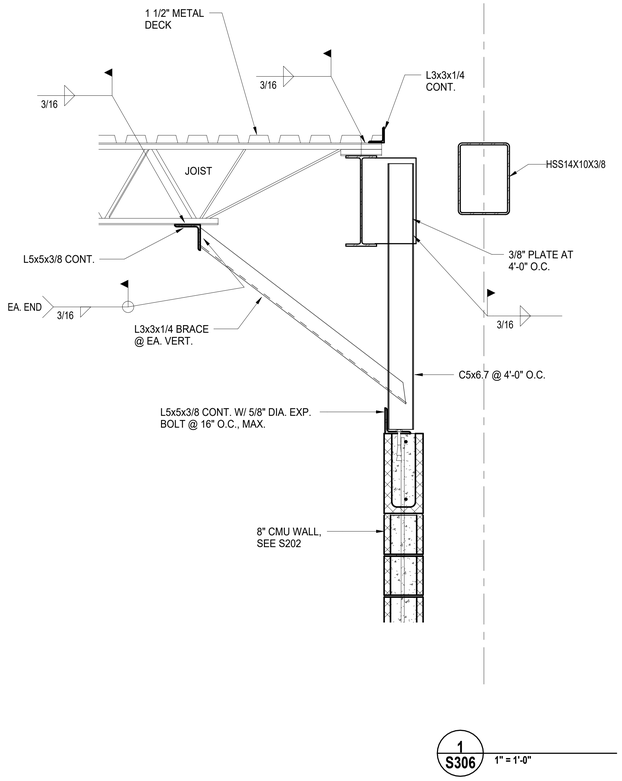
STEEL DETAILS - GYMNASIUM

3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE
¼" =1'-0" GRAPHIC SCALE
⅛" =1'-0" GRAPHIC SCALE

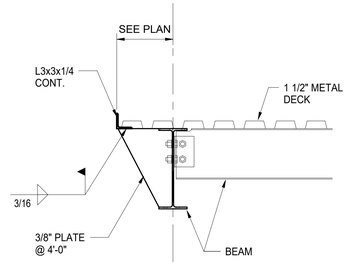




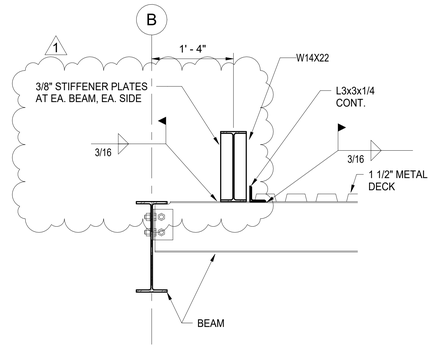
2 S306 1" = 1'-0"



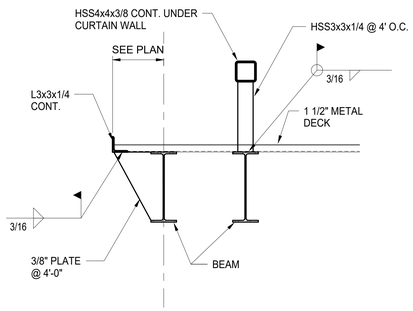
1 S306 1" = 1'-0"



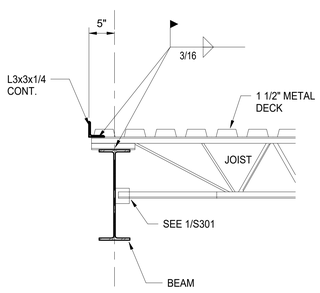
3 S306 1" = 1'-0"



4 S306 1" = 1'-0"

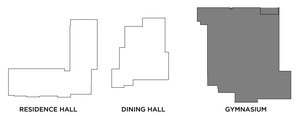


5 S306 1" = 1'-0"



6 S306 1" = 1'-0"

KEY PLAN



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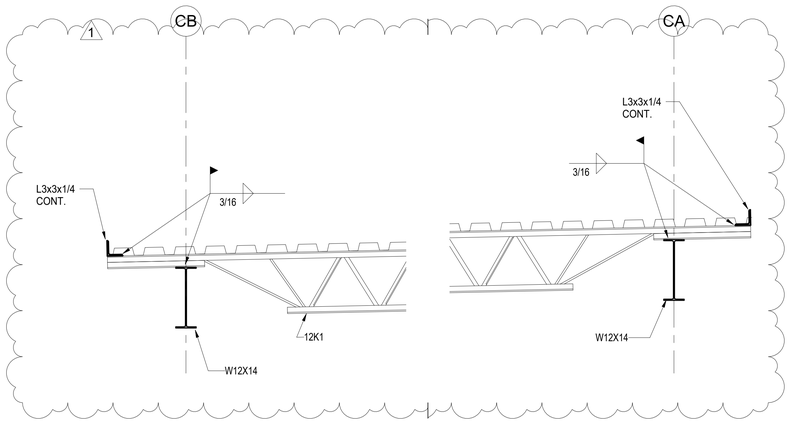
KENNETH SIMMONS JACOBSMITH
LICENSED PROFESSIONAL ENGINEER
ENGINEER
STATE OF MISSISSIPPI
9-17-25

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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
S306
STEEL DETAILS - GYMNASIUM

3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE
¼" =1'-0" GRAPHIC SCALE
⅛" =1'-0" GRAPHIC SCALE



1
S308
1" = 1'-0"

1" = 1'-0" GRAPHIC SCALE

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

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

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

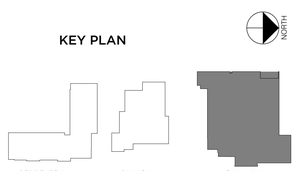
1 1/2" = 1'-0" GRAPHIC SCALE

3" = 1'-0" GRAPHIC SCALE

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

KEY PLAN

NORTH



SE# 25010

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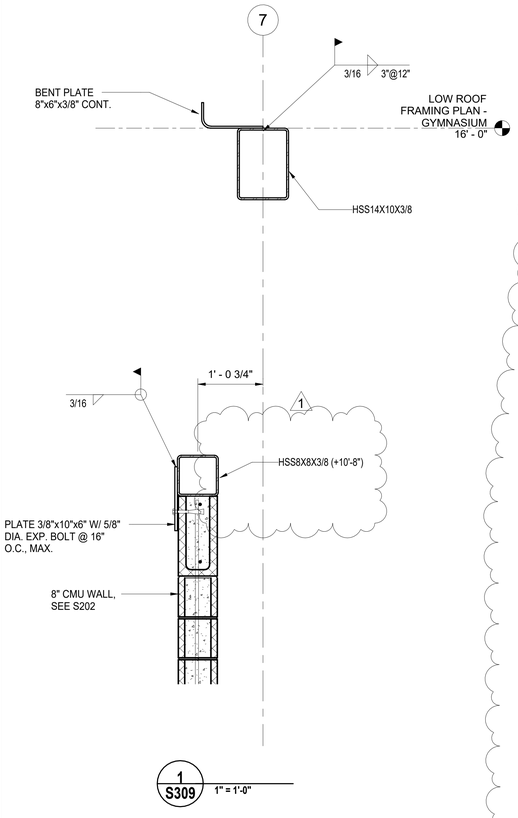
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KENNETH SIMMONS MCGRATH
LICENSED PROFESSIONAL ENGINEER
17092
STATE OF MISSISSIPPI
9-17-25

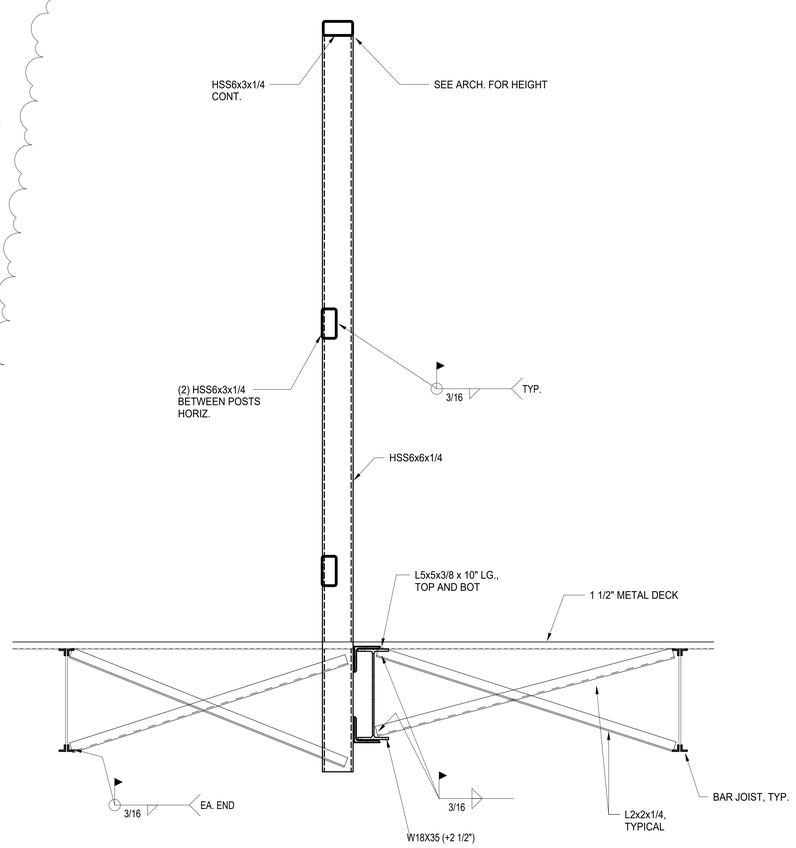
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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

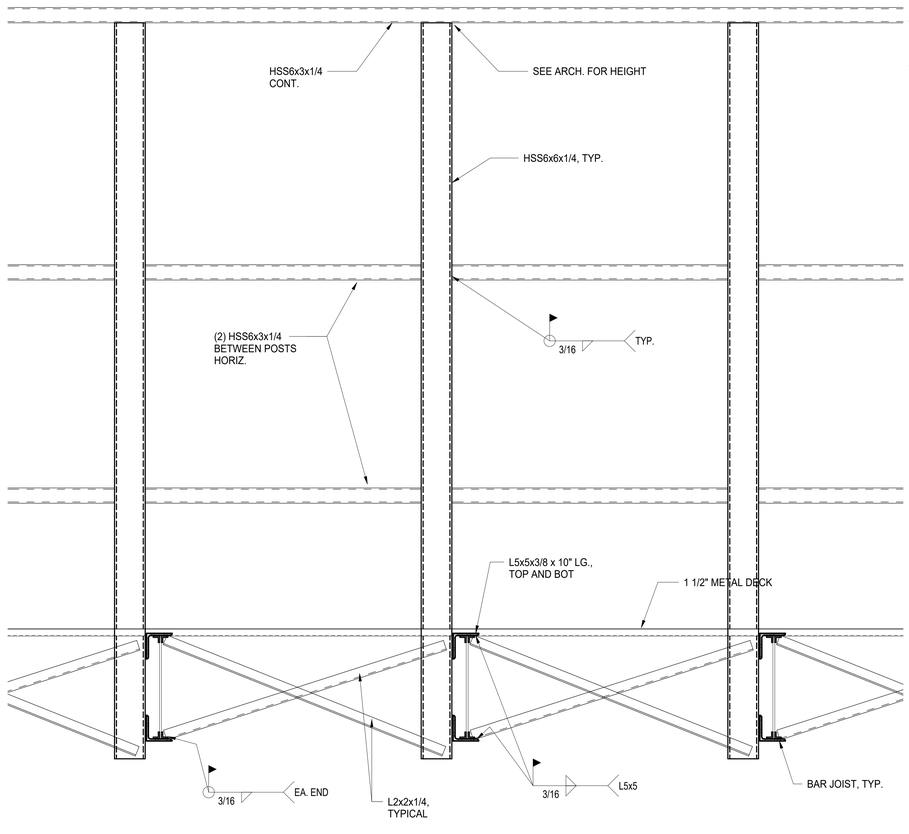
Sheet Number:
S308
STEEL DETAILS - CANOPY



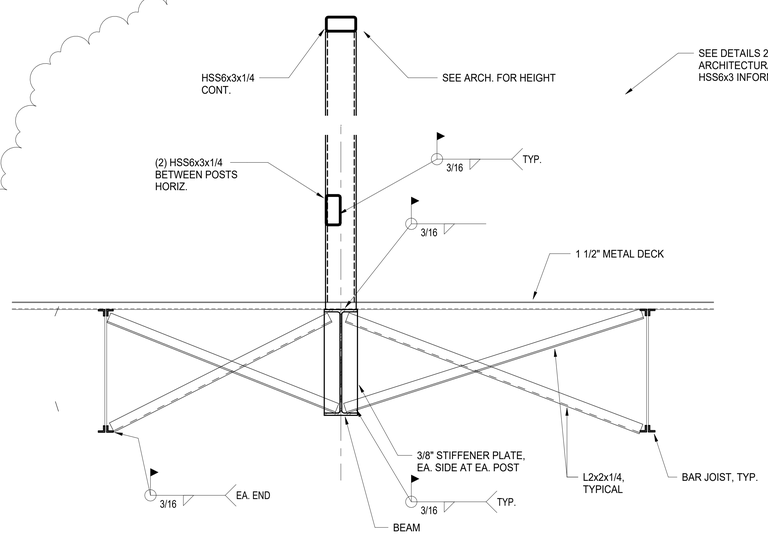
1 S309 1" = 1'-0"



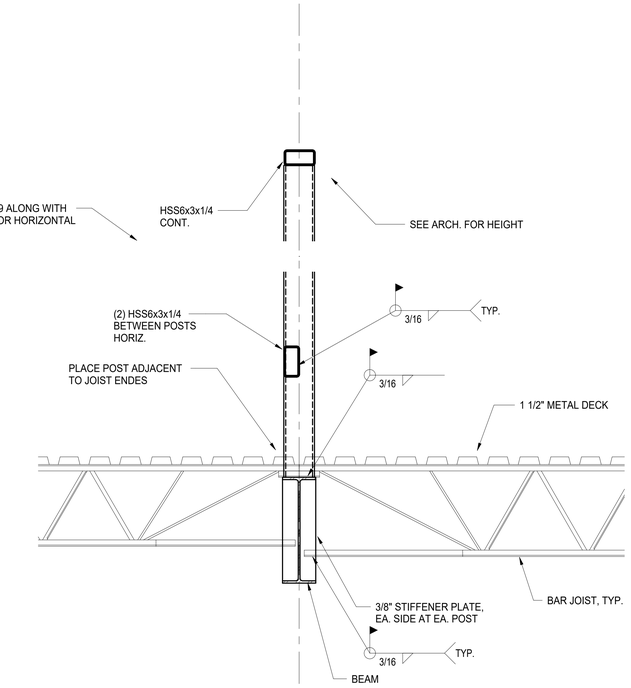
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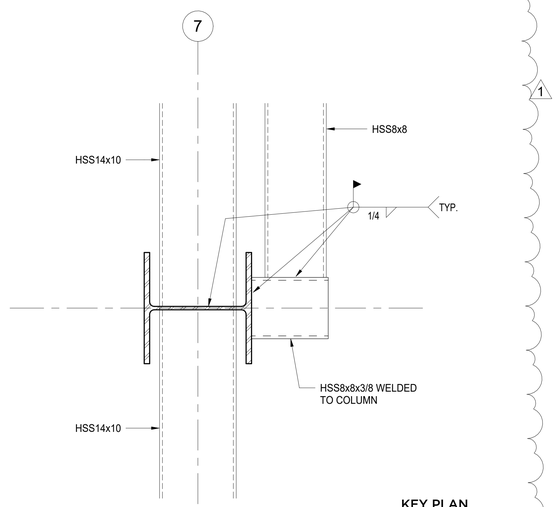
3 S309 1" = 1'-0"



4 S309 1" = 1'-0"

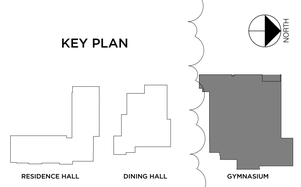


5 S309 1" = 1'-0"



6 S309 1 1/2" = 1'-0"

KEY PLAN



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KENNETH SIMMONS JACKSON
LICENSED PROFESSIONAL ENGINEER
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STATE OF MISSISSIPPI
9-17-25

Project No. : 24053
Date: SEPTEMBER 18, 2025
Drawn: KSM
Checked: KSM
Revisions:

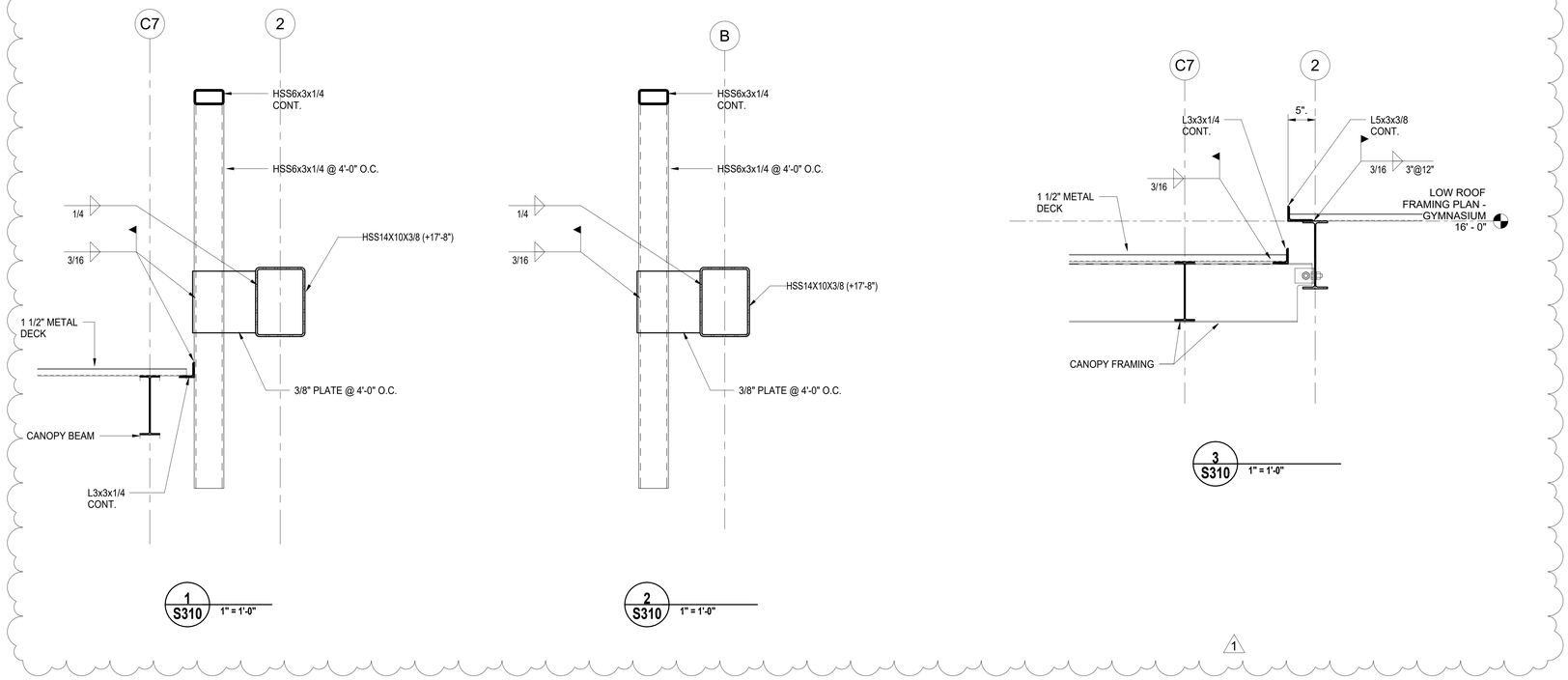
THE COMMONS - PACKAGE B (ADD ALTERNATE #2)
(RANKINCAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
S309
STEEL DETAILS - GYMNASIUM

SE# 25010

Spencer-Engineers, Inc.
Consultants
P.O. BOX 4328 JACKSON, MS 39216
(601) 982-7766

3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE
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½" = 1'-0" GRAPHIC SCALE

¼" = 1'-0" GRAPHIC SCALE

⅛" = 1'-0" GRAPHIC SCALE

KEY PLAN

NORTH

RESIDENCE HALL | DINING HALL | GYMNASIUM

SE# 25010

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KENNETH SIMMONS MCCOY
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NOT FOR CONSTRUCTION
9-11-25

Project No. : 24053
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PEARL, MISSISSIPPI

Sheet Number: 1

S310

STEEL DETAILS - GYMNASIUM

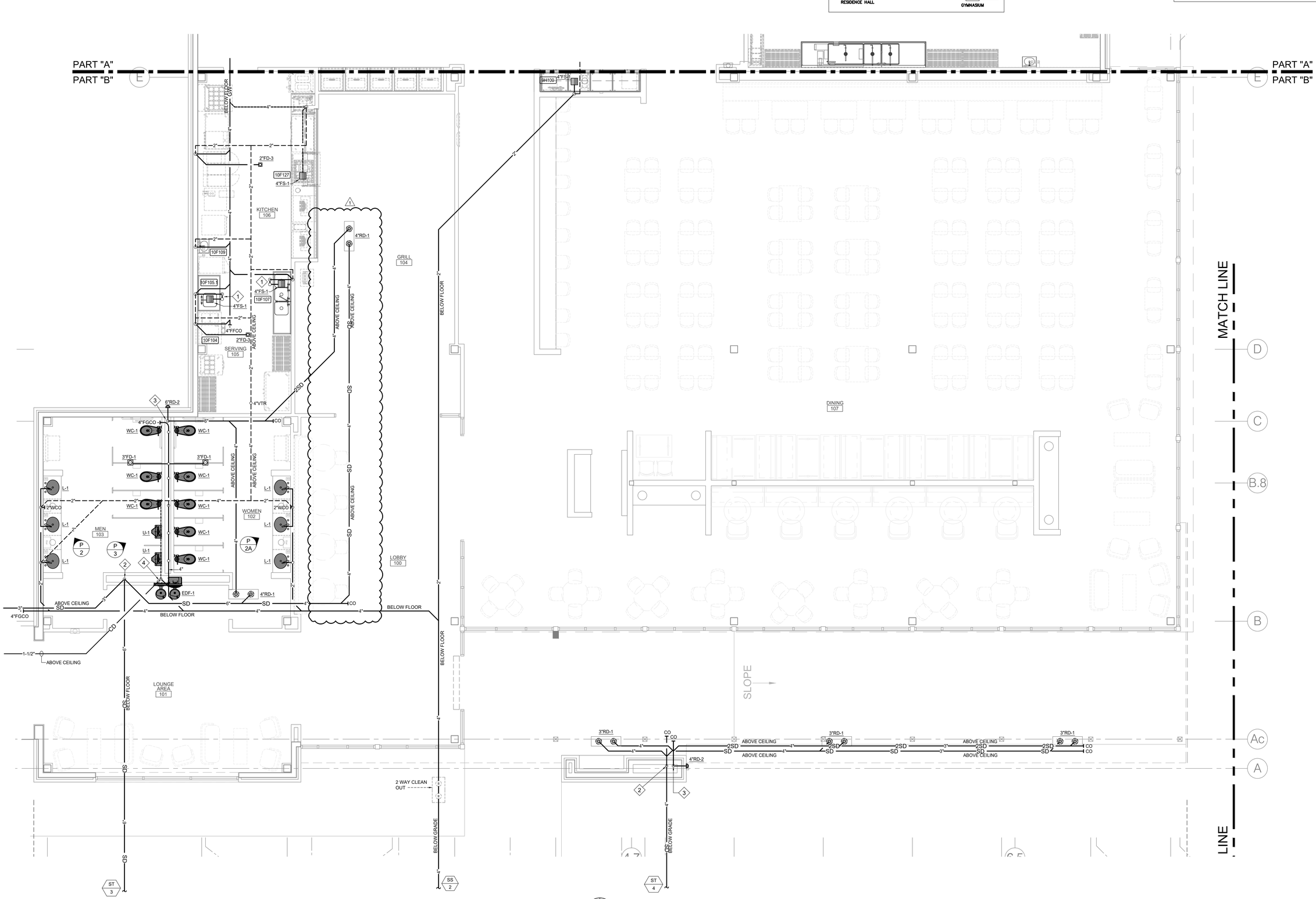
ENGINEERING RESOURCE GROUP, INC.

September 30, 2025

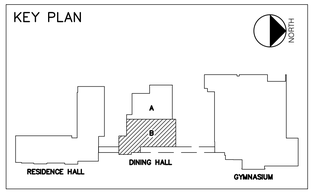
Hinds Community College Commons
ERG# 25.010

I. PERTAINING TO THE DRAWINGS

Item 1.	Reference:	Sheet P112
	Scope:	Replace the sheet in its entirety
Item 2.	Reference:	Sheet P113
	Scope:	Replace the sheet in its entirety
Item 3.	Reference:	Sheet P117
	Scope:	Replace the sheet in its entirety
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	Scope:	Replace the sheet in its entirety
Item 5.	Reference:	Sheet M112
	Scope:	Replace the sheet in its entirety
Item 6.	Reference:	Sheet M113
	Scope:	Replace the sheet in its entirety
Item 7.	Reference:	Sheet M612
	Scope:	Replace the sheet in its entirety



KEY PLAN



GENERAL NOTES

A. COORDINATE SANITARY CONNECTIONS WITH KITCHEN EQUIPMENT CONNECTIONS (SHOWN ON K.C. PLUMBING ROUGH-IN DRAWINGS).

PLAN NOTES

1. RUNNING P-TRAP WITH FLUSH FLOOR CLEAN OUT. SEE FLOOR SINK FOR TRAP SIZE.
2. PRIMARY STORM DRAIN FROM ABOVE CEILING. DROP TO BELOW GRADE.
3. SECONDARY STORM FROM ABOVE CEILING. DROP DOWN IN WALL TO 18" A.F.G. AND DISCHARGE THROUGH RD-3 (LAMB'S TONGUE). DISCHARGE ONTO SPLASH BLOCK ABOVE GRADE.
4. HUB DRAIN (SIZE PER INCOMING DRAIN SIZE) ABOVE CEILING WITH DEEP SEAL P-TRAP. CONDENSATE PIPING TO DISCHARGE INTO HUB DRAIN.

ADD ALTERNATE #1 FLOOR PLAN - PART "B" - PLUMBING SANITARY

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

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JOSEPH CHRISTOPHER GRANT
LICENSED PROFESSIONAL ENGINEER
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09.18.25
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No. : 24053
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Checked: JCG
Revisions: 1 REVISION 1 (9-30-2025)

THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)

PEARL, MISSISSIPPI

Sheet Number:

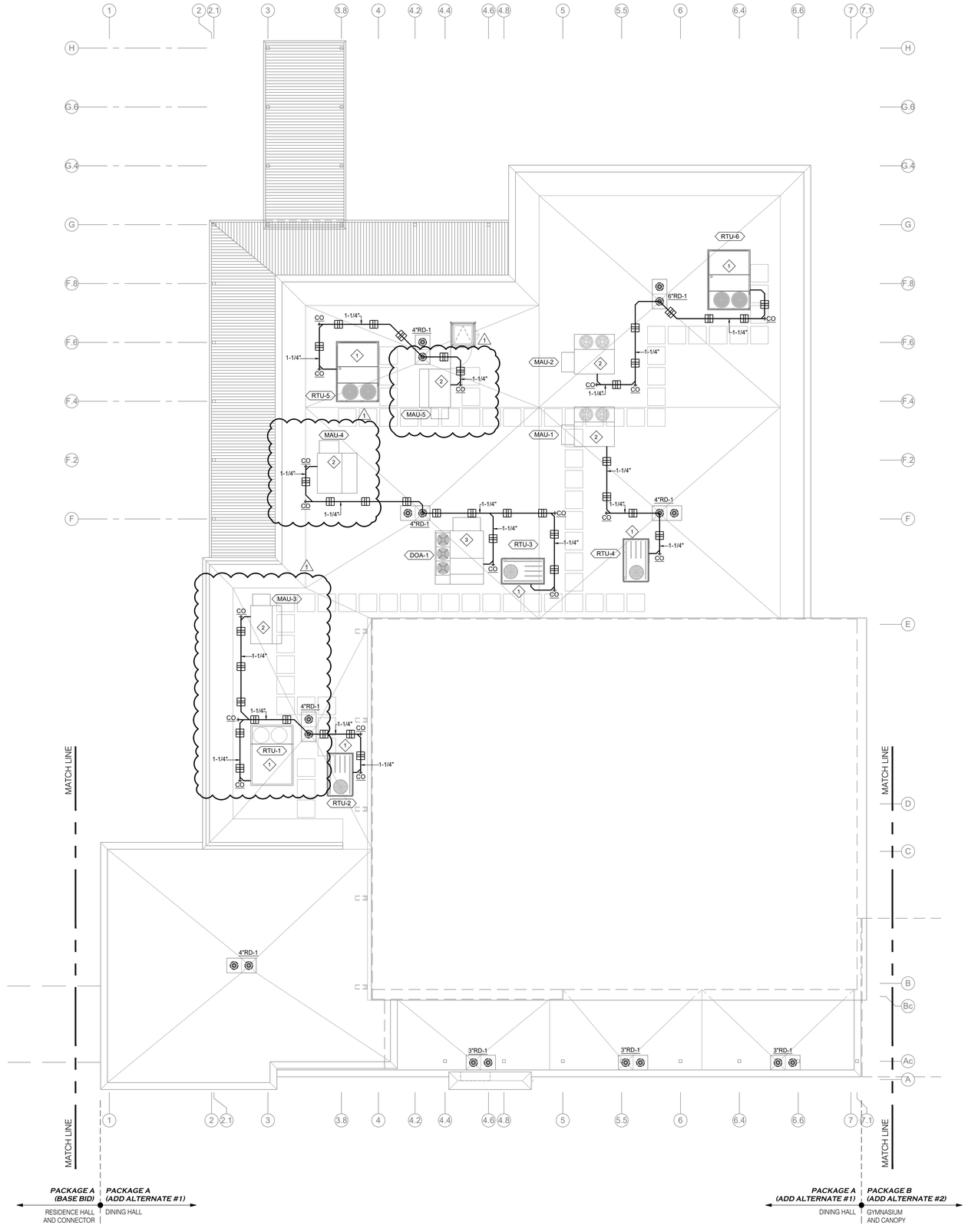
P112

DINING HALL
PART "B" -
PLUMBING SANITARY

ENGINEERING RESOURCE GROUP, INC.
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ERG25.10.0

THE COMMONS - PACKAGE A
PEARL, MS
24053

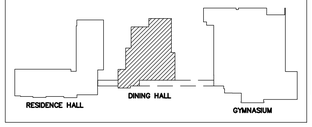
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⅜" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE



ADD ALTERNATE #1 ROOF PLAN - PLUMBING

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

KEY PLAN



GENERAL NOTES

A. COORDINATE SANITARY CONNECTIONS WITH KITCHEN EQUIPMENT CONNECTIONS (SHOWN ON K.C. PLUMBING ROUGH-IN DRAWINGS).

B. INSTALL ROOFTOP PIPE SUPPORTS AT ALL CONDENSATE PIPING RUNNING ON ROOF. PIPE SUPPORT SPACING: CONDENSATE 4'-0" APART. SUPPORT SHALL BE AS DURO BLOK DBE WITH PAD UNDERNEATH TO PROTECT ROOF. PROVIDE SUPPORTS AT ALL BENDS, CONNECTIONS, AND DROPS.

C. PAINT CONDENSATE PIPING ON ROOF FOR "UV" PROTECTION.

PLAN NOTES

1. TRAP & VENT CONDENSATE DRAIN (SEE DETAIL) AT ROOFTOP UNIT. INCREASE TO 1-1/4". RUN DRAIN ON ROOF TO NEAREST ROOF DRAIN (PRIMARY ROOF DRAIN (SEE GENERAL NOTES).

2. TRAP & VENT CONDENSATE DRAIN (SEE DETAIL) AT MAKE UP AIR UNIT. INCREASE TO 1-1/4". RUN DRAIN ON ROOF TO NEAREST ROOF DRAIN (PRIMARY ROOF DRAIN (SEE GENERAL NOTES).

3. TRAP & VENT CONDENSATE DRAIN (SEE DETAIL) AT DOAS UNIT. INCREASE TO 1-1/4". RUN DRAIN ON ROOF TO NEAREST ROOF DRAIN (PRIMARY ROOF DRAIN (SEE GENERAL NOTES).

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JOSEPH CHRISTOPHER GRANT — LICENSED PROFESSIONAL ENGINEER — 17087 — 09.18.25 — STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

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THE COMMONS - PACKAGE A
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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

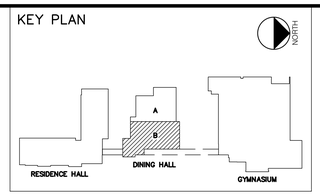
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P113
DINING HALL
ROOF PLAN
PLUMBING

ENGINEERING RESOURCE GROUP, INC.
ERG
ERG25.10.03

THE COMMONS - PACKAGE A
PEARL, MS
25-03

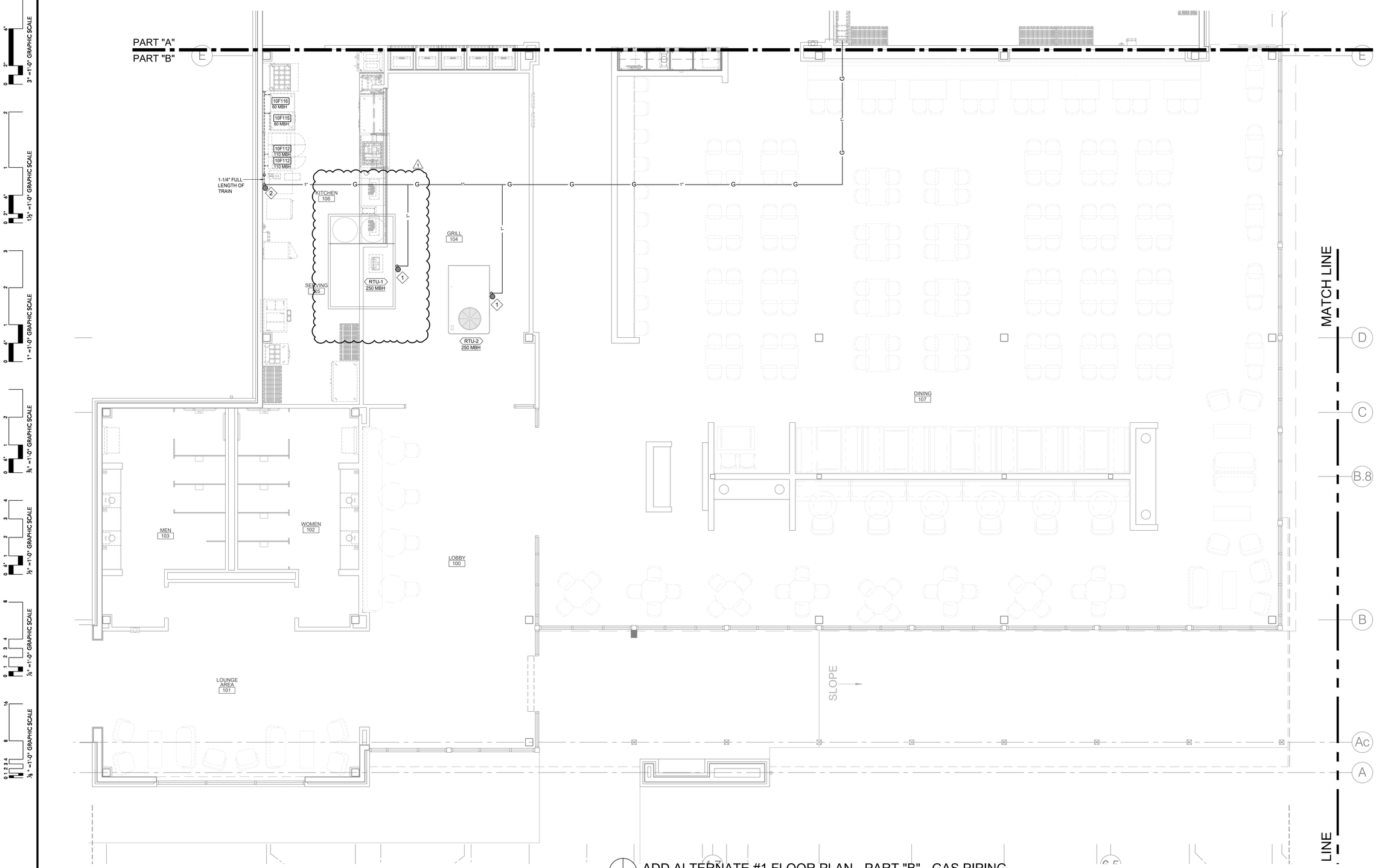
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½" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

KEY PLAN



PLAN NOTES

1. 3/4" GAS UP TO ROOF TOP UNIT WITH WATER TIGHT PENETRATION. INSTALL REGULATOR AT UNIT AND REDUCE PRESSURE FROM 2 LBS TO UNIT MFGR'S. RECOMMENDED GAS PRESSURE SETTING.
2. 2 LB. GAS TO COOKING HOOD. INSTALL REGULATOR AT HOOD TO REDUCE PRESSURE FROM 2 LBS TO 6 oz. DROP TO BEHIND KITCHEN EQUIPMENT AND RUN FULL SIZE GAS TRAIN LOW BEHIND EQUIPMENT. PROVIDE EACH EQUIPMENT CONNECTION WITH GAS COCK, UNION AND DIRT LEG WITH A FLEX CONNECTION WITH SAFETY CABLE.



ADD ALTERNATE #1 FLOOR PLAN - PART "B" - GAS PIPING
SCALE:1/4" = 1'-0"

3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
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¾" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE

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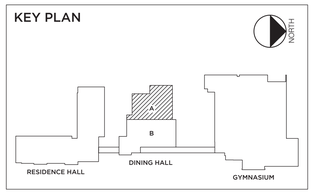
THE COMMONS - PACKAGE A
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(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
P117
DINING HALL
PART "B" -
GAS PIPING

ENGINEERING RESOURCE GROUP, INC.
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ERG:25.10.01

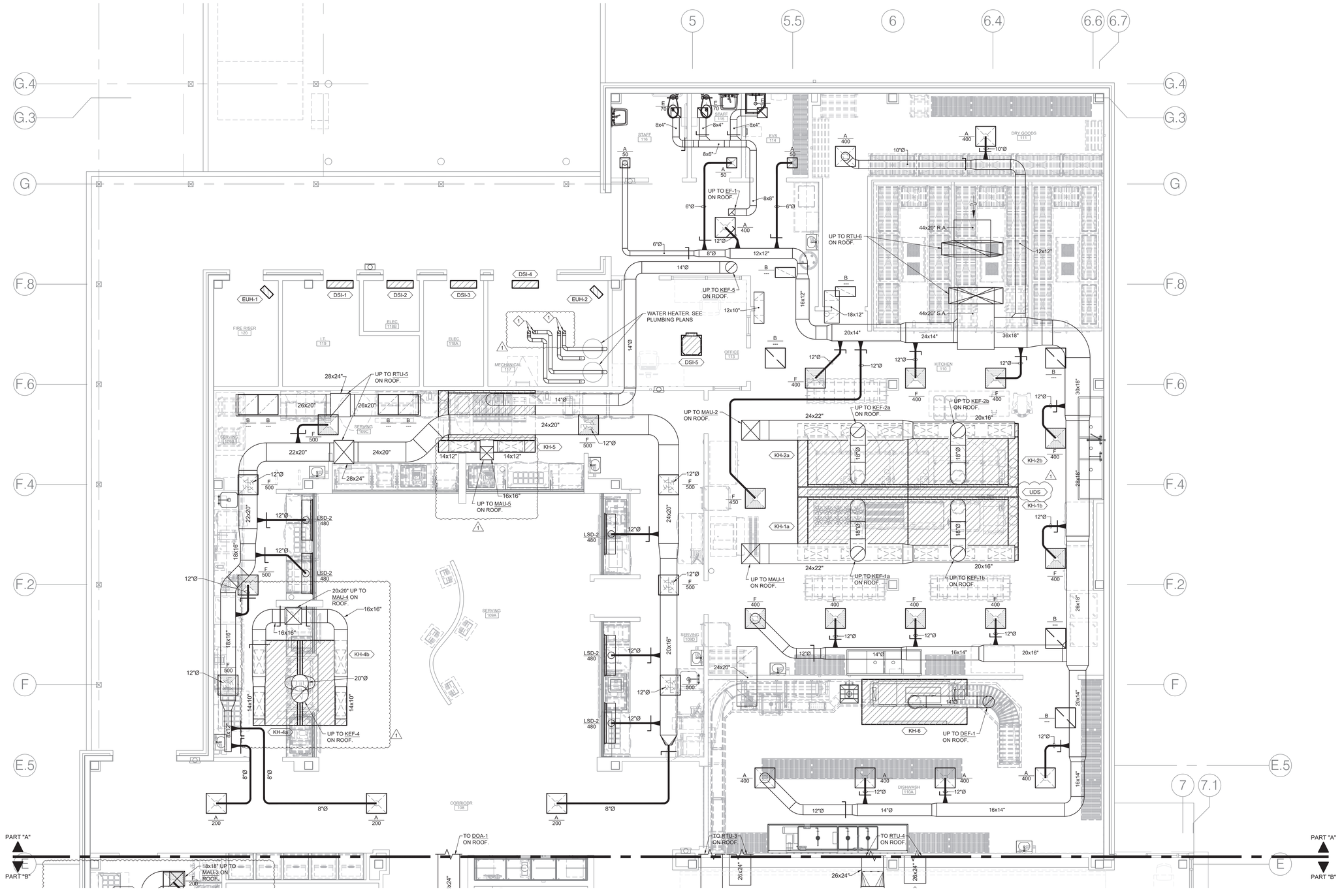
THE COMMONS - PACKAGE A
PEARL, MS
24053

KEY PLAN



PLAN NOTES:

1. ROUTE FLUE VENTS FROM WATER HEATER TO CONCENTRIC ROOF TERMINATION KIT. SIZE AND ROUTE VENTS PER WATER HEATER MANUFACTURER'S RECOMMENDATIONS. FLUE VENTS SHALL BE SLOPED FROM ROOF PENETRATION BACK TO WATER HEATERS. COORDINATE EXACT LOCATION OF VENTS IN FIELD



DINING HALL (ADD ALTERNATE #1) FIRST FLOOR PLAN - HVAC - PART "A"

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

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STATE OF MISSISSIPPI

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Sheet Number:

M111

DINING HALL (ADD ALT. #1) FIRST FLOOR - HVAC - PART "A"

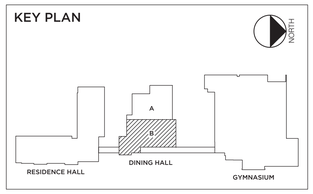
ENGINEERING RESOURCE GROUP, INC
ERG
ERG25.10.01

1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/8" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE

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THE COMMONS - PACKAGE A
PEARL, MS
25.010.02

KEY PLAN



PLAN NOTES:

1. CAP OPEN END OF DUCT WITH 1/4" HARD WIRE CLOTH. BALANCE DAMPER TO 500 CFM.
2. CAP OPEN END OF DUCT WITH 1/4" HARD WIRE CLOTH.

PART "A" / PART "B"

TO DOA-1 ON ROOF.

TO RTU-3 ON ROOF.

TO RTU-4 ON ROOF.

18x18" UP TO MAU-3 ON ROOF.

KH-3

UP TO KEF-3 ON ROOF.

26x24" UP TO RTU-1 ON ROOF.

TO RTU-2 ON ROOF.

IF MAIN DUCT IS HIGHER THAN SLOTS, PROVIDE AND INSTALL 10"Ø PRICE CFP PLENUM ON SIDEWALL SLOTS WITH 10" DUCT FROM MAIN AND CONICAL TAP. (TYPICAL)

UP TO EF-2 ON ROOF.

PROVIDE AND INSTALL YOUNG REGULATOR WITH DAMPER OPERATOR IN SLOT DIFFUSER.

SLOPE

MATCH LINE

MATCH LINE

DINING HALL (ADD ALTERNATE #1) FIRST FLOOR PLAN - HVAC - PART "B"

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

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9-18-2025
STATE OF MISSISSIPPI

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M112

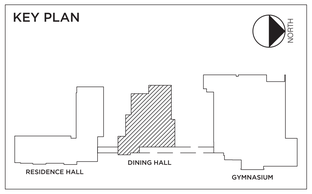
DINING HALL (ADD ALT. #1) FIRST FLOOR - HVAC - PART "B"

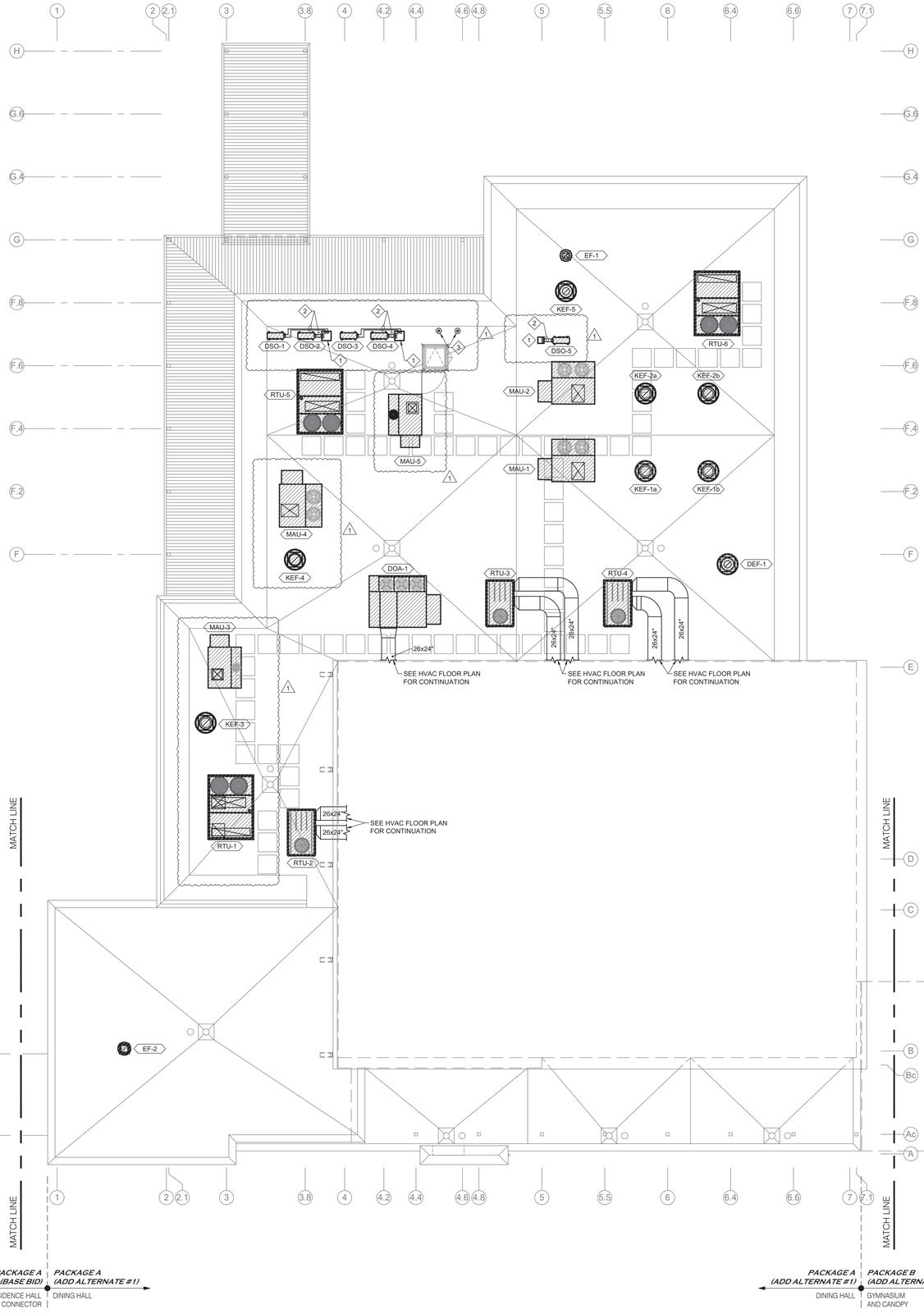
ENGINEERING RESOURCE GROUP, INC.
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ERG25.10.01

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THE COMMONS - PACKAGE A
PEARL, MS
25.010.02

KEY PLAN





DINING HALL (ADD ALTERNATE #1) ROOF PLAN - HVAC
SCALE:1/8" = 1'-0"

PLAN NOTES:

1. PROVIDE AND INSTALL A PIPE CURB BOX IN APPROXIMATE LOCATION. PIPE CURB BOX SHALL BE THYBAR TC SERIES WITH TCC-5 PIPE PENETRATION SYSTEM. COORDINATE EXACT LOCATION OF PIPE CURB BOX IN FIELD. SEAL PIPING PENETRATION OF BOX WATER TIGHT.
2. ROUTE REFRIGERANT PIPING FROM OUTDOOR UNIT TO MATCHING INDOOR UNIT. SIZE AND ROUTE PIPING PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT ROUTING OF PIPING IN FIELD.
3. ROUTE FLUE VENTS FROM WATER HEATER TO CONCENTRIC ROOF TERMINATION KIT. SIZE AND ROUTE VENTS PER WATER HEATER MANUFACTURER'S RECOMMENDATIONS. FLUE VENTS SHALL BE SLOPED FROM ROOF PENETRATION BACK TO WATER HEATERS. COORDINATE EXACT LOCATION OF VENTS IN FIELD

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JOHN CHRISTOPHER GRANT
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9-18-2025
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

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PEARL, MISSISSIPPI

Sheet Number:
M113
DINING HALL (ADD ALTERNATE #1) ROOF PLAN - HVAC

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ERG25.10.01

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THE COMMONS - PACKAGE A
PEARL, MS
25.010.02

DINING HALL SCHEDULES

KITCHEN MAKEUP AIR UNIT SCHEDULE

FAN INFORMATION											ELECTRICAL INFORMATION					COOLING INFORMATION										A2L MINIMUM ROOM VOLUME			
TAG	TAG	QTY	DOAS/RTU MODEL #	MANUFACTURER	BLOWER	RETURN AIR CFM	MAX OUTSIDE AIR CFM	TOTAL CFM	WEIGHT (LBS)	ESP	HP	PHASE	VOLT	MCA	MOCP	OUTSIDE AIR		MIXED AIR		LEAVING AIR			CAPACITY		IEER	ISMRE2	ROOM AREA (FT2)	AIRFLOW (CFM)	HEIGHT (FT)	NOTES
																DB	WB	DB	WB	DB	WB	DP	TOTAL	SENS.					
MAU-1	GRILL	1	CAS-HVAC2-18-10T-MPU	CAPTIVEAIRE	18MF-2-RTU	0	4000	4000	1862	0.500	5.00	3	460	32.5A	35A	90.3°F	79.3°F	90.3°F	79.3°F	71.1°F	70.9°F	70.8°F	139.5 MBH	84.1 MBH	18.6	7.3	381.8	687	7.2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
MAU-2	BAKERY	1	CAS-HVAC2-18-10T-MPU	CAPTIVEAIRE	18MF-2-RTU	0	4000	4000	1862	0.500	5.00	3	460	32.5A	35A	90.3°F	79.3°F	90.3°F	79.3°F	71.1°F	70.9°F	70.8°F	139.5 MBH	84.1 MBH	18.6	7.3	381.8	687	7.2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
MAU-3	GOOD HABIT	1	CAS-HVAC1-18-5T-MPU	CAPTIVEAIRE	18MF-1-RTU	0	2090	2090	1136	0.500	1.50	3	460	12.2A	15A	90.3°F	79.3°F	90.3°F	79.3°F	72.1°F	72.0°F	71.9°F	64.0 MBH	41.6 MBH	17.9	6.4	183.6	330	7.2	1,2,3,4,5,6,7,8,9,11,12,13,14,15,16
MAU-4	ASIAN	1	CAS-HVAC2-18-8T-MPU	CAPTIVEAIRE	18MF-2-RTU	0	2856	2856	1785	0.500	2.00	3	460	17.2A	20A	90.3°F	79.3°F	90.3°F	79.3°F	71.3°F	71.0°F	70.9°F	98.9 MBH	59.4 MBH	20.2	7.3	323.1	582	7.2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
MAU-5	PASTA/CHICKEN	1	CAS-HVAC1-15-5T-MPU	CAPTIVEAIRE	15P-1	0	1560	1560	1118	0.500	1.50	3	460	12.2A	15A	90.3°F	79.3°F	90.3°F	79.3°F	69.4°F	69.4°F	69.4°F	63.5 MBH	35.6 MBH	17.9	6.4	183.6	330	7.2	1,2,3,4,5,6,7,8,9,11,12,13,14,15,16

NOTES:

1. INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL NOT AN APPROVED EQUAL
2. DIRECT DRIVE PLENUM BLOWER. BELT DRIVEN BLOWERS ARE NOT ACCEPTABLE
3. INTEGRATED MONITORING VIA CELLULAR CONNECTION BY MANUFACTURER
4. REFRIGERATION PRESSURE MONITORING ON HIGH AND LOW PRESSURE SIDE OF SYSTEM INCLUDED THROUGH DIGITAL INTERFACE
5. EC MOTOR CONDENSING FANS
6. ELECTRONIC EXPANSION VALVE. TXV NOT ACCEPTABLE
7. SUCTION LINE ACCUMULATOR
8. FACTORY COMMISSIONING WITH 5 YEAR PARTS WARRANTY
9. AVERAGING INTAKE, EVAP AND DISCHARGE TEMPERATURE SENSORS (DISCHARGE SENSOR TO BE FACTORY MOUNTED WITHIN UNIT)
10. 2" EXTERIOR DUAL-WALL CONSTRUCTION W/ R-13 INSULATION-MINIMUM 20GA EXTERIOR W/ 14GA BASE
11. SUPPLY CFM MONITORING INTEGRAL TO UNIT WITH CFM MEASUREMENT INCLUDED THROUGH DIGITAL INTERFACE
12. 15 DEGREE LOW AMBIENT OPERATION
13. DOWN DISCHARGE/NO RETURN
14. MINIMUM ROOM AREA ASSUMED 7.2' SUPPLY DIFFUSER HEIGHT AND IS CALCULATED PER UL60335-2-40 4TH ED. VALUES BASED ON FACTORY CHARGE. ACTUAL SITE CHARGE MAY DIFFER.
15. SCCR RATING OF 10kAMP
16. 1" EXTERIOR DUAL-WALL CONSTRUCTION W/ R-4.3 INSULATION-MINIMUM 24GA EXTERIOR W/ 18GA BASE

KITCHEN HOOD UNIT SCHEDULE

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)							TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG	
										WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP			END TO END	ROW
1	KH1a Grill	6024 ND-2-PSP-F	CAPTIVEAIRE	10' 0"	600 DEG	I	HEAVY	275	2750			4"	16"	2750	1970	-1.101"	2000	430 SS WHERE EXPOSED	RIGHT	FRONT
2	KH-1b Grill	6024 ND-2-PSP-F	CAPTIVEAIRE	10' 0"	600 DEG	I	HEAVY	275	2750			4"	16"	2750	1970	-1.101"	2000	430 SS WHERE EXPOSED	LEFT	FRONT
3	KH-2a Bakery	6024 ND-2-PSP-F	CAPTIVEAIRE	10' 0"	600 DEG	I	HEAVY	225	2250			4"	16"	2250	1611	-0.737"	2000	430 SS WHERE EXPOSED	LEFT	BACK
4	KH-2b Bakery	6024 ND-2-PSP-F	CAPTIVEAIRE	10' 0"	600 DEG	I	HEAVY	225	2250			4"	16"	2250	1611	-0.737"	2000	430 SS WHERE EXPOSED	RIGHT	BACK
5	KH-3 Good Habit	6024 ND-2-PSP-F	CAPTIVEAIRE	9' 6"	600 DEG	I	HEAVY	275	2612			4"	16"	2612	1871	-1.061"	2090	430 SS WHERE EXPOSED	ALONE	ALONE
6	KH-4a Asian	4230 ND-2-PSP-F	CAPTIVEAIRE	8' 6"	600 DEG	I	HEAVY	210	1785			4"	14"	1785	1670	-0.686"	1428	430 SS WHERE EXPOSED	ALONE	FRONT
7	KH-4b Asian	4230 ND-2-PSP-F	CAPTIVEAIRE	8' 6"	600 DEG	I	HEAVY	210	1785			4"	14"	1785	1670	-0.686"	1428	430 SS WHERE EXPOSED	ALONE	BACK
8	KH-5 Pasta/Chicken	6024 ND-2-PSP-F	CAPTIVEAIRE	8' 8"	600 DEG	I	HEAVY	225	1950			4"	14"	1950	1824	-0.818"	1560	430 SS WHERE EXPOSED	ALONE	ALONE
9	KH-6 Dish	VHB-G-ND	CAPTIVEAIRE	10' 6"	700 DEG	II	N/A	150	1575			4"	16"	1575	1128	-0.134"	0	100%	ALONE	ALONE

KITCHEN HOOD UNIT SCHEDULE

HOOD NO	TAG	FILTER(S) TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY	TYPE	WIRE GUARD	UTILITY CABINET(S) LOCATION	SIZE	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
1	KH1a Grill	CAPTRATE SOLO FILTER	7	20"	16"	85% SEE FILTER SPEC	6	RECESSED ROUND	NO	RIGHT	12"x60"x24"	TANK FS	4.0/4.0/4.0			YES	1087 LBS
2	KH-1b Grill	CAPTRATE SOLO FILTER	7	20"	16"	85% SEE FILTER SPEC	6	RECESSED ROUND	NO	LEFT	12"x60"x24"			SC-321110MA	1 LIGHT 1 FAN	YES	827 LBS
3	KH-2a Bakery	CAPTRATE SOLO FILTER	7	20"	16"	85% SEE FILTER SPEC	6	RECESSED ROUND	NO	LEFT	12"x60"x24"	TANK FS	4.0/4.0/4.0			YES	1041 LBS
4	KH-2b Bakery	CAPTRATE SOLO FILTER	7	20"	16"	85% SEE FILTER SPEC	6	RECESSED ROUND	NO	RIGHT	12"x60"x24"			SC-321110MA	1 LIGHT 1 FAN	YES	781 LBS
5	KH-3 Good Habit	CAPTRATE SOLO FILTER	7	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO	RIGHT	12"x60"x24"	TANK FS	4.0/4.0	SC-311110MA	1 LIGHT 1 FAN	YES	950 LBS
6	KH-4a Asian	CAPTRATE SOLO FILTER	6	20"	16"	85% SEE FILTER SPEC	2	RECESSED ROUND	NO							YES	525 LBS
7	KH-4b Asian	CAPTRATE SOLO FILTER	6	20"	16"	85% SEE FILTER SPEC	2	RECESSED ROUND	NO							YES	525 LBS
8	KH-5 Pasta/Chicken	CAPTRATE SOLO FILTER	6	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO	LEFT	12"x60"x24"	TANK FS	4.0/4.0	SC-311110MA	1 LIGHT 1 FAN	YES	880 LBS
9	KH-6 Dish						6	RECESSED ROUND	NO							NO	408 LBS

KITCHEN HOOD UNIT SCHEDULE

HOOD NO	TAG	OPTION
1	KH1a Grill	FIELD WRAPPER 18.00" HIGH FRONT, RIGHT.
		FINISHED BACK STANDOFF 12" WIDE 132" LONG INSULATED.
2	KH-1b Grill	FIELD WRAPPER 18.00" HIGH FRONT, LEFT.
		FINISHED BACK STANDOFF 12" WIDE 132" LONG INSULATED.
3	KH-2a Bakery	FIELD WRAPPER 18.00" HIGH FRONT, LEFT.
4	KH-2b Bakery	FIELD WRAPPER 18.00" HIGH FRONT, RIGHT.
5	KH-3 Good Habit	FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.
		BACKSPLASH 80.00" HIGH X 126.00" LONG X 1.00" WIDE INSULATED 430 SS VERTICAL.
6	KH-4a Asian	FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.
7	KH-4b Asian	FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.
8	KH-5 Pasta/Chicken	FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.
		BACKSPLASH 80.00" HIGH X 116.00" LONG X 1.00" WIDE INSULATED 430 SS VERTICAL.
9	KH-6 Dish	FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.

PERFORATED SUPPLY PLENUM SCHEDULES

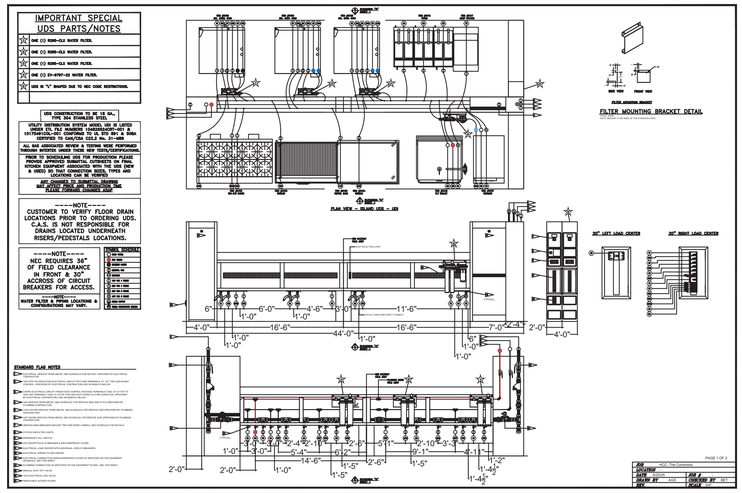
HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S) WIDTH	LENG	DIA	CFM	SP
1	KH1a Grill	Front	132"	16"	6"	MUA	12"	28"		666	0.169"
						MUA	12"	28"		666	0.169"
2	KH-1b Grill	Front	132"	16"	6"	MUA	12"	28"		666	0.169"
						MUA	12"	28"		666	0.169"
3	KH-2a Bakery	Front	132"	16"	6"	MUA	12"	28"		666	0.169"
						MUA	12"	28"		666	0.169"
4	KH-2b Bakery	Front	132"	16"	6"	MUA	12"	28"		666	0.169"
						MUA	12"	28"		666	0.169"
5	KH-3 Good Habit	Front	126"	18"	6"	MUA	12"	28"		696	0.183"
						MUA	12"	28"		696	0.183"
6	KH-4a Asian	Front	102"	14"	6"	MUA	12"	28"		714	0.192"
						MUA	12"	28"		714	0.192"
7	KH-4b Asian	Front	102"	14"	6"	MUA	12"	28"		714	0.192"
						MUA	12"	28"		714	0.192"
8	KH-5 Pasta/Chicken	Front	116"	14"	6"	MUA	12"	28"		780	0.196"
						MUA	12"	28"		780	0.196"

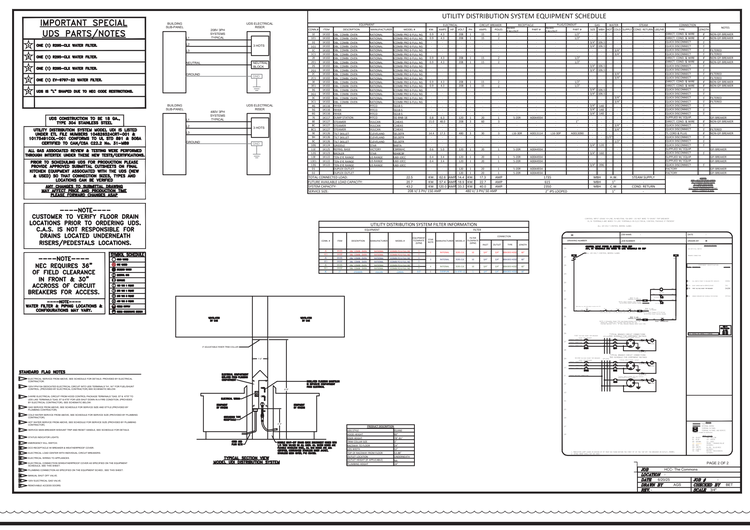
EXHAUST FAN SCHEDULE

TAG	SERVES	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
KEF-1A	GRILL	1	DU180HFA	CAPTIVEAIRE	2750	1.750	1338	ODP,PREMIUM	3.000	1.6630	3	460	4.3	635 FPM	185	19.3
KEF-1B	GRILL	1	DU180HFA	CAPTIVEAIRE	2750	1.750	1338	ODP,PREMIUM	3.000	1.6630	3	460	4.3	635 FPM	185	19.3
KEF-2A	BAKERY	1	DU180HFA	CAPTIVEAIRE	2250	1.250	1121	ODP,PREMIUM	2.000	0.9720	3	460	2.7	520 FPM	160	12.7
KEF-2B	BAKERY	1	DU180HFA	CAPTIVEAIRE	2250	1.250	1121	ODP,PREMIUM	2.000	0.9720	3	460	2.7	520 FPM	160	12.7
KEF-3	GOOD HABIT	1	DU180HFA	CAPTIVEAIRE	2612	1.750	1319	ODP,PREMIUM	3.000	1.5810	3	460	4.3	603 FPM	185	18.7
KEF-4	ASIAN	1	DU200HFA	CAPTIVEAIRE	3570	1.750	1316	ODP,PREMIUM	5.000	2.3140	3	460	6.8	869 FPM	215	27.3
KEF-5	PASTA/CHICKEN	1	DU180HFA	CAPTIVEAIRE	1950	1.250	1086	ODP,PREMIUM	2.000	0.8550	3	460	2.7	450 FPM	160	11.8
DEF-1	DISH	1	DU85HFA	CAPTIVEAIRE	1575	0.750	1237	TEAO-ECM	0.750	0.4160	1	115	8.9	498 FPM	90	10.2

NOTES: KEF'S WITH GREASE CUP

UDS SHOWN AS REFERENCE ONLY. EXACT UDS TO BE SELECTED AND SUBMITTED.





DEAN ARCHITECTURE
GEDDIE | GRANT | OUBRE

661 Sunnybrook, Ste 140
Ridgeland, MS 39157
601.939.7717
deandean.com

JOHN CHRISTOPHER GRANT — LICENSED PROFESSIONAL ENGINEER — 17087 — 9-18-2025 — STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No. : 24053
Date: SEPTEMBER 18, 2025
Drawn: CMM/DB
Checked: JCG
Revisions: 1 REVISION 1 (9-30-2025)

THE COMMONS - PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE
(COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:

M612

DINING HALL (ADD ALTERNATE #1) MECHANICAL SCHEDULES

ENGINEERING RESOURCE GROUP, INC.
ERG
ERG25.10.01

1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE

R:\00-2025 Projects\25.010.02 HCC Commons Dining Facility\MECH\ARCH\25.010.02_HVAC.dwg 9/29/2025 1:03:34 pm JCG 36.0 - PDF.pc3

THE COMMONS - PACKAGE A
PEARL, MS
25.010.02

The Power Source, PLLC

Consulting Engineers
305 Hwy 51
Ridgeland, MS 39157 **Telephone: (601) 605-4820**

Addendum #1

Date: 9/30/2025
To: Brad Heath, Dean Architecture
From: Chris Green, PE
Subject: Hinds Community College – "The Commons" Buildings
TPS PN: 25024

The following item shall be incorporated into the bid documents:

Refer to drawings Package "A".

General note: MC cable is allowed in the dorm rooms.

Item # 1 – Sheet E011 – Replaced sheet in its entirety. Modified panel schedules
Item #2 - Sheet E110 – Replaced sheet in its entirety. Modified lighting plan.
Item #3 – Sheet E310 – Replaced sheet in its entirety. Modified mechanical plan.
Item # 4 – Sheet E410 – Replaced sheet in its entirety. Modified auxiliary plan.

Refer to drawings Package "B".

Item # 1 – Sheet E024 – Replaced sheet in its entirety. Modified panel schedules
Item #2 - Sheet E120 – Replaced sheet in its entirety. Modified lighting plan.
Item #3 – Sheet E220 – Replaced sheet in its entirety. Modified power plan.
Item # 4 – Sheet E420 – Replaced sheet in its entirety. Modified auxiliary plan.

Sincerely,

Chris Green, PE
The Power Source, PLLC

PANEL	LOCATION: ELECTRICAL ROOM 119B	LUG LOCATION: BOTTOM FEED	UL LISTED FOR SERVICE ENTRANCE
DDP	VOLT: **480Y/277V, 3Ø, 4W**	MAIN BUS: **1200A MAIN BREAKER**	
	BUS: **1200A**	MOUNTING: **SURFACE**	PANELBOARD AIC RATING (A): **35,000**

CIRCUIT	BREAKER		DESCRIPTION	PHASE LOAD (KVA)						DESCRIPTION	BREAKER		CIRCUIT
NO.	AMPS	POLES		A		B		C			AMPS	POLES	NO.
1	50	3	RTU-1	8.9	8.9					RTU-4	50	3	2
3	-	-	-			8.9	8.9			-	-	-	4
5	-	-	-					8.9	8.9	-	-	-	6
7	50	3	RTU-2	8.9	12.2					RTU-5	70	3	8
9	-	-	-			8.9	12.2			-	-	-	10
11	-	-	-					8.9	12.2	-	-	-	12
13	50	3	RTU-3	8.9	14.4					RTU-6	90	3	14
15	-	-	-			8.9	14.4			-	-	-	16
17	-	-	-					8.9	14.4	-	-	-	18
19	100	3	ITEM #1K152 - RACK CONVEYOR DISH MACHINE	22.0	15.2					DOA-1	90	3	20
21	-	-	-			22.0	15.2			-	-	-	22
23	-	-	-					22.0	15.2	-	-	-	24
25	25	3	TRASH COMPACTOR	3.9	33.3					TRANSFORMER "TKP2" (PANEL "KP2")	175	3	26
27	-	-	-			3.9	44.3			-	-	-	28
29	-	-	-					3.9	31.5	-	-	-	30
31	60	3	SPD TYPE 1	0.0	2.3					PANEL "HLSC"	70	3	32
33	-	0	-			0.0	2.0			-	-	-	34
35	-	0	-					0.0	1.0	-	-	-	36
37	175	3	TRANSFORMER "TKP" (PANEL "KP")	43.8	31.2					PANEL "HD"	225	3	38
39	-	-	-			46.4	31.7			-	-	-	40
41	-	-	-					47.5	29.5	-	-	-	42
43	100	3	SPARE	0.0	0.0					SPARE	100	3	44
45	-	-	-			0.0	0.0			-	-	-	46
47	-	-	-					0.0	0.0	-	-	-	48
49	225	3	SPARE	0.0	0.0					SPARE	400	3	50
51	-	-	-			0.0	0.0			-	-	-	52
53	-	-	-					0.0	0.0	-	-	-	54
TOTAL				213.7		227.5		212.6					

PANEL	LOCATION: ELECTRICAL ROOM 119B	LUG LOCATION: BOTTOM FEED
HD	VOLT: **480Y/277V, 3Ø, 4W**	MAIN BUS: **MAIN LUGS ONLY**
	BUS: **225A**	MOUNTING: **SURFACE** PANELBOARD AIC RATING (A): **35,000**

CIRCUIT	BREAKER		DESCRIPTION	PHASE LOAD (KVA)						DESCRIPTION	BREAKER		CIRCUIT
NO.	AMPS	POLES		A		B		C			AMPS	POLES	NO.
1	20	1	LTS. - DINNING 107, SERNG 109A	2.5	2.1					MAU-1	15	3	2
3	20	1	LTS. - LOUNGE AREA 101, MEN 103, WOMEN 102			1.0	2.1			-	-	-	4
5	15	3	MAU-4					0.9	2.1	-	-	-	6
7	-	-	-	0.9	0.0					SHUNT TRIP			8
9	-	-	-			0.9	1.2			LTS. - SERVING 109B, 109C, 109D, KITCHEN 110	20	1	10
11			SHUNT TRIP					0.0	2.1	MAU-2	15	3	12
13	15	3	MAU-5	0.8	2.1					-	-	-	14
15	-	-	-			0.8	2.1			-	-	-	16
17	-	-	-					0.8	0.0	SHUNT TRIP			18
19	15	3	SHUNT TRIP	0.0	0.8					MAU-3	15	3	20
21	-	-	KEF-1A			1.2	0.8			-	-	-	22
23	-	-	-					1.2	0.8	-	-	-	24
25	15	3	-	1.2	0.0					SHUNT TRIP			26
27	-	-	KEF-1B			1.2	1.2			KEF-3	15	3	28
29	-	-	-					1.2	1.2	-	-	-	30
31	15	3	-	1.2	1.2					-	-	-	32
33	-	-	KEF-2A			0.7	1.9			KEF-4	15	3	34
35	-	-	-					0.7	1.9	-	-	-	36
37	15	3	-	0.7	1.9					-	-	-	38
39	15	3	KEF-2B			0.7	0.7			KEF-5	30	3	40
41	-	-	-					0.7	0.7	-	-	-	42
43	-	-	-	0.7	0.0					-	-	-	44
45	30	3	ITEM #2A110 - GRIDDLE, INDUCTION HEAT			4.1	4.8			ITEM #1K126 - TILT SKILLET	30	3	46
47	-	-	-					4.1	4.8	-	-	-	48
49	-	-	-	4.1	4.8					-	-	-	50
51			SHUNT TRIP			0.0	0.0			SHUNT TRIP			52
53	20	3	ITEM #2A112 - WOK, INDUCTION HEAT					2.0	4.1	ITEM #2A111 - COOKTOP, INDUCTION HEAT	20	3	54
55	-	-	-	2.0	4.1					-	-	-	56
57	-	-	-			2.0	4.1			-	-	-	58
59	-	-	SHUNT TRIP					0.0	0.0	SHUNT TRIP			60
61	30	3	SPARE	0.0	0.0					SPARE	35	3	62
63	-	-	-			0.0	0.0			-	-	-	64
65	-	-	-					0.0	0.0	-	-	-	66
67	30	3	SPD TYPE 2A	0.0	0.0					SPARE	20	3	68
69	-	-	-			0.0	0.0			-	-	-	70
71	-	-	-					0.0	0.0	-	-	-	72
TOTAL				31.2		31.7		29.5					

PANEL	LOCATION: MECHANICAL ROOM 117	LUG LOCATION: BOTTOM FEED
KP - SEC. 1	VOLT: **208Y/120V, 3Ø, 4W**	MAIN BUS: **400A MAIN BREAKER W/FEED THR**
	BUS: **400A**	MOUNTING: **SURFACE** PANELBOARD AIC RATING (A): **10,000**

CIRCUIT	BREAKER		DESCRIPTION	PHASE LOAD (KVA)						DESCRIPTION	BREAKER		CIRCUIT
NO.	AMPS	POLES		A		B		C			AMPS	POLES	NO.
1	*20	1	ITEM#2A101 - REFRIGERATOR, UNDERCOUNTER	0.2	0.9					REC. - OFFICE 113, MECH 117, ELEC 118	20	1	2
3	*20	1	ITEM #2A102 - HEATED HOLDING CABINET			1.4	0.7			REC. - CORR 112, STAFF 115, 116	20	1	4
5	*20	1	ITEM#2A103 - SANDWHICH PREP REFRIGERATOR					0.2	0.7	REC. - DINING 107	20	1	6
7	*20	1	ITEM#2A104 - REFRIGERATOR, UNDERCOUNTER	0.2	1.3					REC. - DINING 107	20	1	8
9	20	1	ITEM #2A105.1 - LED, LIGHTS			0.1	0.1			ITEM #1K115 - DIGITAL SCALE	*20	1	10
11	20	1	ITEM#2A107 - LIQUTEC REFRIGERATED COLD PLAN					0.3	0.8	ITEM #4B100 - REFRIGERATOR, REACH-IN	*20	1	12
13			SHUNT TRIP	0.0	1.0					ITEM #4B101 - REGRIGERATOR, ROLL-IN	*20	1	14
15	20	1	REC. - DINING 107			1.1	2.8			ITEM #4B103 - OVEN, CONVEYOR	50	3	16
17	20	1	REC. - DINING 107					1.1	2.8	-	-	-	18
19	20	1	ITEM #2A114.1 - LED, LIGHTS	0.1	2.8					-	-	-	20
21	30	1	ITEM #2A115 - DROP-IN, HOT/COLD WELLS			2.5	0.2			ITEM #4B104 - GAS-FIRED OVEN, NEOPOLITAN	*20	1	22
23	*20	1	ITEM#2A116.1 - ELECTRONIC FAUCET W/ HYDRO-GEN					1.8	0.5	ITEM #4B106 - PIZZA PREP TABLE	*20	1	24
25	*20	1	ITEM #2A117 - CHEF BASE REFRIGERATOR	0.2	0.1					ITEM #4B120.1 - LED, LIGHTS	20	1	26
27	20	1	REC. - DINING 107			0.7	2.0			ITEM #1K118a - HOLDING CABINET, HEATING	*20	1	28
29	20	1	REC. - LOUNGE 101, LOBBY 101					1.1	2.0	ITEM #1K118b - HOLDING CABINET, HEATING	*20	1	30
31	*20	1	REC. - DRINKING FOUNTAIN	0.5	0.8					ITEM #1K119 - REFRIGERATOR, REACH-IN	*20	1	32
33	*20	1	ITEM #2A500 - POS PRINTER			0.2	1.4			ITEM # 1K120 - MODULAR CRESCENT CUBER	20	2	34
35	*20	1	ITEM #2A501 - KDS SCREEN					0.2	1.4	-	-	-	36
37	*20	1	ITEM#1K104.1 - ELECTRONIC FAUCET W/ HYDRO-GEN	1.8	0.2					ITEM #4B109 - REFRIGERATOR, WORKTOP	*20	1	38
39	*20	1	ITEM #2A800a - DIGITAL MENU BOARD			0.2	0.0			SHUNT TRIP			40
41	*20	1	ITEM #2A800b - DIGITAL MENU BOARD					0.2	3.0	ITEM #4B111 - DROPIN, HOT/COLD WELLS	35	1	42
43	20	1	REC. - DRINKING FOUNTAIN	0.5	0.9					ITEM #4B114 - HEATED SHELF, BUILT-IN	20	1	44
45	30	2	ITEM #1K110 - 40 QUART MIXER			2.5	0.1			ITEM #4B115.1 - LED, LIGHTS	20	1	46
47	-	-	-					2.5	0.2	ITEM #4B116 - REFRIGERATOR, UNDERCOUNTER	*20	1	48
49	*20	1	ITEM#1K111.1 - ELECTRO FAUCET W/ HYDRO-GEN	1.8	0.1					ITEM #4B117.1 - LED, LIGHTS	20	1	50
51	20	1	SPARE			0.0	1.8			ITEM #4B119.1 - ELECTRONIC FAUCET W/ HYDRO-GEN	*20	1	52
53	*20	1	ITEM #1K112.2a THRU #1K112.2f					1.1	1.8	ITEM #1K126.1 - ELECTRONIC FAUCET W/ HYDRO-GEN	*20	1	54
TOTAL				13.4		17.8		21.6		* GFCI BREAKER			

PANEL	LOCATION: MECHANICAL ROOM 117	LUG LOCATION: TOP FEED
KP - SEC. 2	VOLT: **208Y/120V, 3Ø, 4W**	MAIN: **MAIN LUGS ONLY**
	BUS: **400A**	MOUNTING: **SURFACE** PANELBOARD AIC RATING (A): **10,000**

CIRCUIT	BREAKER		DESCRIPTION	PHASE LOAD (KVA)						DESCRIPTION	BREAKER		CIRCUIT
NO.	AMPS	POLES		A		B		C			AMPS	POLES	NO.
55	*20	1	ITEM #1K112.2g THRU #1K112.2m	1.1	1.3					ITEM #1K129 - FREEZER, REACH-IN	*20	1	56
57	20	1	REC. - WOMEN 102			0.0	1.4			ITEM #1K130a - HEATED HOLDING CABINET	*20	1	58
59	20	1	REC. - MEN 103					0.0	1.4	ITEM #1K130b - HEATED HOLDING CABINET	*20	1	60
61	20	1	SIGN	0.5	0.8					ITEM #1K131 - REFRIGERATOR, REACH-IN	*20	1	62
63	20	1	REC. - ELECTRICAL 118			0.4	0.8			ITEM #1K132 - REFRIGERATOR, REACH-IN	*20	1	64
65	20	1	EF-1					0.5	0.0	SPARE	20	1	66
67	20	1	EF-2	0.5	0.0					SPARE	20	1	68
69	20	1	SPARE			0.0	0.0			SPARE	20	1	70
71	20	1	SPARE					0.0	0.0	SPARE	20	1	72
73	20	1	SPARE	0.0	0.0					SPARE	20	1	74
75	*20	1	ITEM #1K600a THRU #1K600e			0.9	0.0			SPARE	20	1	76
77	*20	1	ITEM #1K600f THRU #1K600h					0.5	0.0	SPARE	20	1	78
79	*20	1	ITEM #4B500 - KDS SCREEN	1.8	0.0					SPARE	20	1	80
81	*20	1	ITEM #4B501 - POS PRINTER			0.6	0.0			SPARE	20	1	82
83	*20	1	ITEM #4B900 - DUPLEX CONVENIENCE RECEPTACLE					0.2	0.0	SPARE	20	1	84
85	*20	1	ITEM #4B800a - DIGITAL MENU BOARD	0.2	0.0					SPARE	20	1	86
87	*20	1	ITEM #4B800b - DIGITAL MENU BOARD			0.2	0.3			ITEM #1K155 - SOILED DISH TABLE	15	2	88
89	20	1	SPARE					0.0	0.3	-	-	-	90
91	20	1	SPARE	0.0	2.4					ITEM #1K156 - POT WASH	30	3	92
93	20	1	SPARE			0.0	2.4			-	-	-	94
95	20	1	SPARE					0.0	2.4	-	-	-	96
97	30	2	DSO-5, DSI-5	1.3	1.8					ITEM #1K157.1 - ELECTRONIC FAUCET W/ HYDRO-GEN	*20	1	98
99						1.3	0.0			SPARE	20	1	100
101	150	3	UDS BY OTHERS					18.7	0.0	SPARE	20	1	102
103	-	-	-	18.7	0.0					SPARE	20	1	104
105	-	-	-			18.7	1.7			DEF-1	25	1	106
107			SHUNT					0.0	1.8	ITEM #2A301.1 - WALL MOUNTED CONTROL CABINET	20	1	108
TOTAL				30.3		28.7		25.9		* GFCI BREAKER			

1

PANEL	LOCATION: ELECTRICAL ROOM 119B	LUG LOCATION: BOTTOM FEED
KP2 - SEC. 1	VOLT: **208Y/120V, 3Ø, 4W**	MAIN BUS: **400A MAIN BREAKER W/FEED THR**
	BUS: **400A**	MOUNTING: **SURFACE** PANELBOARD AIC RATING (A): **10,000**

CIRCUIT	BREAKER		DESCRIPTION	PHASE LOAD (KVA)						DESCRIPTION	BREAKER		CIRCUIT
NO.	AMPS	POLES		A		B		C			AMPS	POLES	NO.
1	20	1	ITEM #9H101 - ICE MACHINE	0.5	0.2					ITEM #5C501 - KDS SCREEN	*20	1	2
3	20	1	ITEM #9H102 - ICE MACHINE			0.5	0.5			ITEM #5C600a THRU 5C600c - DUPLEX:REC	*20	1	4
5	20	1	ITEM#5C301.1 - WALL MOUNTED CONTROL CABINET					0.2	0.2	ITEM #5C800a - DIGITAL MENU BOARD	*20	1	6
7	20	1	SPARE	0.0	0.2					ITEM #5C800b - DIGITAL MENU BOARD	*20	1	8
9	20	1	ITEM #5C102a - HIGH EFFICIENCY FRYER			1.1	0.4			ITEM #8M100a - REFRIGERATOR, MERCHANDISER	*20	1	10
11			SHUNT TRIP					0.0	0.4	ITEM #8M100b - REFRIGERATOR, MERCHANDISER	*20	1	12
13	20	1	ITEM #5C102b - HIGH EFFICIENCY FRYER	1.1	0.4					ITEM #8M100c - REFRIGERATOR, MERCHANDISER	*20	1	14
15			SHUNT TRIP			0.0	0.4			ITEM #8M100d - REFRIGERATOR, MERCHANDISER	*20	1	16
17	20	1	ITEM #5C102c - HIGH EFFICIENCY FRYER					1.1	0.4	ITEM #8M100e - REFRIGERATOR, MERCHANDISER	*20	1	18
19			SHUNT TRIP	0.0	1.7					ITEM #9H008a - STARBUCK, SERENADE SINGLE-CUP	*20	1	20
21	20	1	ITEM #5C102.1 - FRYER, SPREADER CABINET			0.8	1.7			ITEM #9H008b - STARBUCK, SERENADE SINGLE-CUP	*20	1	22
23			SHUNT TRIP					0.0	0.0	SPARE	20	1	24
25	*20	1	ITEM #5C103 - FREEZER, WORKTOP	0.8	1.8					ITEM #9H500a - SELF ORDER KIOSK	20	1	26
27	35	2	ITEM #5C105 - PANINI PRESS			2.5	1.8			ITEM #9H500b - SELF ORDER KIOSK	20	1	28
29	-	-	-					2.5	0.2	ITEM #9H500c - SELF ORDER KIOSK	20	1	30
31	*25	1	ITEM #5C106a - CABINET, HOLDING	2.0	0.2					ITEM #9H500d - SELF ORDER KIOSK	20	1	32
33	*25	1	ITEM #5C106b - CABINET, HOLDING			2.0	0.2			ITEM #9H600 - DUPLEX CONVENIENCE RECEPTACLE	*20	1	34
35	20	1	ITEM #5C108.1 - LED, LIGHTS					0.1	0.2	ITEM #9H800a - DIGITAL MENU BOARD	*20	1	36
37	*20	1	ITEM#5C109 - SANDWHICH PREP REFRIGERATOR	0.2	0.2					ITEM #9H800b - DIGITAL MENU BOARD	*20	1	38
39	*30	1	ITEM #5C110 - DROP-IN, HOT/COLD WELLS			3.0	0.2			ITEM #7R100 - SANDWHICH PREP REFRIGERATOR	*20	1	40
41	20	1	ITEM #5C111.1 - LED, LIGHTS					0.1	0.2	ITEM #7R101 - REFRIGERATOR, UNDERCOUNTER	*20	1	42
43	*20	1	ITEM#5C112 - REFRIGERATOR, UNDERCOUNTER	0.2	0.1					ITEM #7R102.1 - LED, LIGHTS	*20	1	44
45	*20	1	ITEM#5C113.1 - ELECTRONIC FAUCET W/ HYDRO-GEN			1.8	2.5			ITEM #7R106 - DROP-IN, HOT/COLD WELLS	30	1	46
47	20	3	ITEM #10F302 - COMBINATION FREEZER					1.5	1.4	ITEM #7R107 - CABINET, HOLDING	*20	1	48
49	-	-	-	1.5	0.2					ITEM #7R108 - REFRIGERATOR, UNDERCOUNTER	*20	1	50
51	-	-	-			1.5	3.0			ITEM #7R109 - HIGH SPEED OVEN	30	2	52
53	*20	1	ITEM #5C500 - POS PRINTER					0.2	3.0	-	-	-	54
TOTAL				11.4		24.0		11.8		* GFCI BREAKER			

PANEL	LOCATION: ELECTRICAL ROOM 119B	LUG LOCATION: BOTTOM FEED
KP2 - SEC. 2	VOLT: **208Y/120V, 3Ø, 4W**	MAIN: **MAIN LUGS ONLY W/FEED THRU LUGS**
	BUS: **400A**	MOUNTING: **SURFACE** PANELBOARD AIC RATING (A): **10,000**

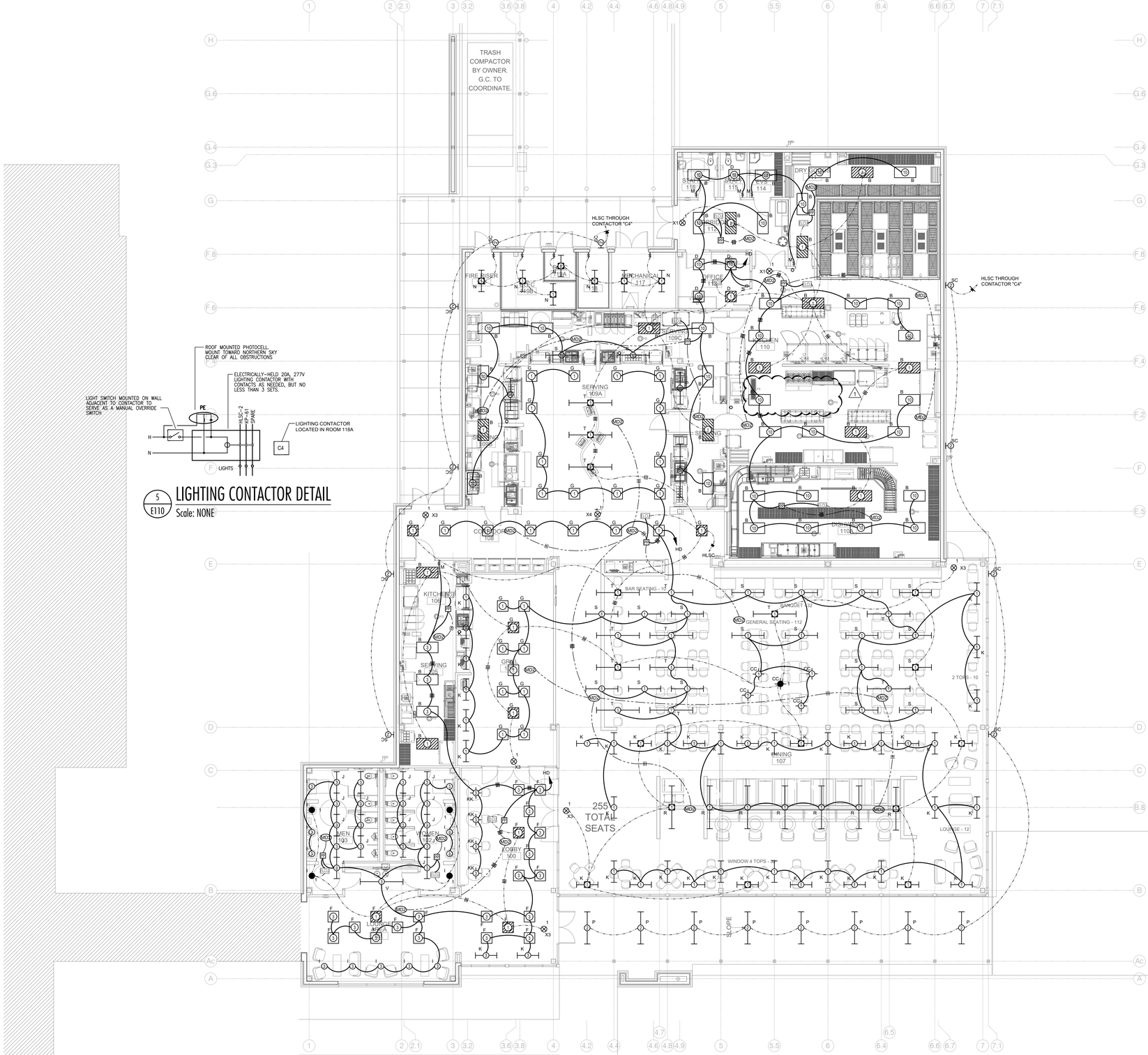
CIRCUIT	BREAKER		DESCRIPTION	PHASE LOAD (KVA)						DESCRIPTION	BREAKER		CIRCUIT
NO.	AMPS	POLES		A		B		C			AMPS	POLES	NO.
55	40	2	ITEM #3S101 - HIGH SPEED OVEN	3.0	1.9					ITEM #7R110 - COMBI, OVEN ELECTRIC	20	3	56
57	-	-	-			3.0	1.9			-	-	-	58
59	40	2	ITEM #3S102 - PANINI PRESS					2.5	1.9	-	-	-	60
61	-	-	-	2.5	0.2					ITEM #7R110.1 - ULTRAVENT PLUS XS VENTLESS	*20	1	62
63	*20	1	ITEM#3S103 - REFRIGERATOR, UNDERCOUNTER			0.2	1.8			ITEM#7R111.1 - ELECTRIC FAUCET W/ HYDRO-GEN	20	1	64
65	*20	1	ITEM #3S105 - SLICER, ELECTRIC					0.5	0.2	ITEM #7R501 - KDS SCREEN	*20	1	66
67	*20	1	ITEM#3S107 - REFRIGERATOR, UNDERCOUNTER	0.2	0.2					ITEM #7R502 - POS PRINTER	*20	1	68
69	20	1	ITEM #3S108.1 - LED, LIGHTS			0.1	0.2			ITEM #7R800a - DIGITAL MENU BOARD	*20	1	70
71	*20	1	ITEM#3S109 - REFRIGERATOR, SANDWHICH PREP					0.3	0.2	ITEM #7R800b - DIGITAL MENU BOARD	*20	1	72
73	*20	1	ITEM #3S110 - REFRIGERATED SERVICE CASE	1.0	2.5					ITEM #6B100 - DROP-IN, HOT/COLD WELLS	30	1	74
75	*20	1	ITEM #3S500 - POS PRINTER			0.6	0.3			ITEM #6B102 - REFRIGERATOR, WORKTOP	*20	1	76
77	*20	1	ITEM #3S501 - KDS SCREEN					0.2	1.5	ITEM #6B105 - INDUCTION WARMER, DROP-IN	*20	1	78
79	*20	1	ITEM #3S800a - DIGITAL MENU BOARD	0.2	0.1					ITEM #6B106.1 - LED, LIGHTS	*20	1	80
81	*20	1	ITEM #3S800b - DIGITAL MENU BOARD			0.2	0.2			ITEM#6B107 - REFRIGERATOR, UNDERCOUNTER	*20	1	82
83	20	1	ITEM #10F100.1 & #10F125.1 - LED, LIGHTS					0.2	1.8	ITEM #6B500 - POS PRINTER	*20	1	84
85	*20	1	ITEM #10F102 - REFRIGERATOR, REACH-IN	0.8	1.8					ITEM #6B501 - KDS SCREEN	*20	1	86
87	*20	1	ITEM#10F103 - SANDWHICH PREP REFRIGERATOR			0.2	1.8			ITEM #6B800 - DIGITAL MENU BOARD	*20	1	88
89	*20	1	ITEM #10F104 & #10F104.1					1.0	0.2	ITEM #10F120 - CHEF BASE REFRIGERATOR	*20	1	90
91	40	3	ITEM #10F106 - MULTI COOK OVEN	3.5	0.0					SHUNT TRIP			92
93	-	-	-			3.5	0.3			ITEM#10F123 - SANDWHICH PREP REFRIGERATOR	*20	1	94
95	-	-	-					3.5	1.4	ITEM #10F122 - FLIP WAFFLE MAKERS	*20	1	96
97	*20	1	ITEM #10F109.1 - ELECTRONIC FAUCET	1.8	0.2					ITEM#10F124 - REFRIGERATOR, UNDER COUNTER	*20	1	98
99	*20	1	ITEM #10F110 - FREEZER, REACH-IN			1.1	3.0			ITEM #10F127 - DROP-IN, HOT/COLD WELLS	35	1	100
101	20	1	ITEM #10F113 - BREAD AND BATTER STATION					0.8	1.9	ITEM #10F129 - REFRIGERATED CASE	*20	1	102
103			SHUNT TRIP	0.0	1.9					ITEM #10F130 - REFRIGERATED CASE	*20	1	104
105	20	1	ITEM #10F115 - GRIDDLE			0.1	1.8			ITEM #10F303.1 - WALL MOUNTED CABINET	20	1	106
107			SHUNT TRIP					0.0	1.8	ITEM #10F500 & 10F502 - POS STATION	*20	1	108
TOTAL				21.9		20.4		19.7		* GFCI BREAKER			

PANEL	LOCATION: ELECTRICAL ROOM 119B	LUG LOCATION: BOTTOM FEED
KP2 - SEC. 3	VOLT: **208Y/120V, 3Ø, 4W**	MAIN: **MAIN LUGS ONLY**
	BUS: **400A**	MOUNTING: **SURFACE** PANELBOARD AIC RATING (A): **10,000**

CIRCUIT	BREAKER		DESCRIPTION	PHASE LOAD (KVA)						DESCRIPTION	BREAKER		CIRCUIT
NO.	AMPS	POLES		A		B		C			AMPS	POLES	NO.
109	*20	1	SPARE	0.0	0.0					SPARE	20	1	110
111	*20	1	SPARE			0.0	0.0			SPARE	20	1	112
113	*20	1	SPARE					0.0	0.0	SPARE	20	1	114
115	*20	1	SPARE	0.0	0.0					SPARE	20	1	116
117	*20	1	SPARE			0.0	0.0			SPARE	20	1	118
119	*20	1	SPARE					0.0	0.0	SPARE	20	1	120
121	*20	1	SPARE	0.0	0.0					SPARE	20	1	122
123	20	1	SPARE			0.0	0.0			SPARE	20	1	124
125	20	1	SPARE					0.0	0.0	SPARE	20	1	126
127	20	1	SPARE	0.0	0.0					SPARE	20	1	128
129	20	1	SPARE			0.0	0.0			SPARE	20	1	130
131	20	1	SPARE					0.0	0.0	SPARE	20	1	132
133	20	1	SPARE	0.0	0.0					SPARE	20	1	134
135	20	1	SPARE			0.0	0.0			SPARE	20	1	136
137	20	1	SPARE					0.0	0.0	SPARE	20	1	138
139	20	1	SPARE	0.0	0.0					SPARE	20	1	140
141	20	1	SPARE			0.0	0.0			SPARE	20	1	142
143	20	1	SPARE					0.0	0.0	SPARE	20	1	144
145	20	1	SPARE	0.0	0.0					SPARE	20	1	146
147	20	1	SPARE			0.0	0.0			SPARE	20	1	148
149	20	1	SPARE					0.0	0.0	SPARE	20	1	150
151	20	1	SPARE	0.0	0.0					SPARE	20	1	152
153	20	1	SPARE			0.0	0.0			SPARE	20	1	154
155	20	1	SPARE					0.0	0.0	SPARE	20	1	156
157	20	1	SPARE	0.0	0.0					SPARE	20	1	158
159	20	1	SPARE			0.0	0.0			SPARE	20	1	160
161	20	1	SPARE					0.0	0.0	SPARE	20	1	162
TOTAL				0.0		0.0		0.0		* GFCI BREAKER			

PANEL	LOCATION: ELECTRICAL ROOM 119A	LUG LOCATION: BOTTOM FEED
HLSC	VOLT: **480Y/277V, 3Ø, 4W**	MAIN BUS: **MAIN LUGS ONLY**
	BUS: **100A**	MOUNTING: **SURFACE**
		NEMA 3R ENCLOSURE
		PANELBOARD AIC RATING (A): **35,000**

CIRCUIT	BREAKER		DESCRIPTION	PHASE LOAD (KVA)						DESCRIPTION	BREAKER		CIRCUIT
NO.	AMPS	POLES		A		B		C			AMPS	POLES	NO.
1	20	1	LTS. - DINING 107, LOBBY 100, SERVING 109, KITCHEN 110	1.5	0.8					LTS. - EXTERIOR	20	1	2
3	20	1	SPARE			0.0	2.0			TRANSFORMER "TLSC" (PANEL "LLSC")	15	2	4
5	20	1	SPARE					0.0	1.0	-	-	-	6
7	20	1



5 / E110 LIGHTING CONTACTOR DETAIL
Scale: NONE

1 / E110 LIGHTING PLAN - DINING HALL - ADD ALTERNATE #1
Scale: 1/8" = 1'-0"

THE POWER SOURCE PLLC
305 Highway 51
Ridgeland, MS 39157
Voice (601) 605-4820
TPS Proj.# 25024

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CHRISTOPHER L. GREEN — 9/19/2025 — STATE OF MISSISSIPPI

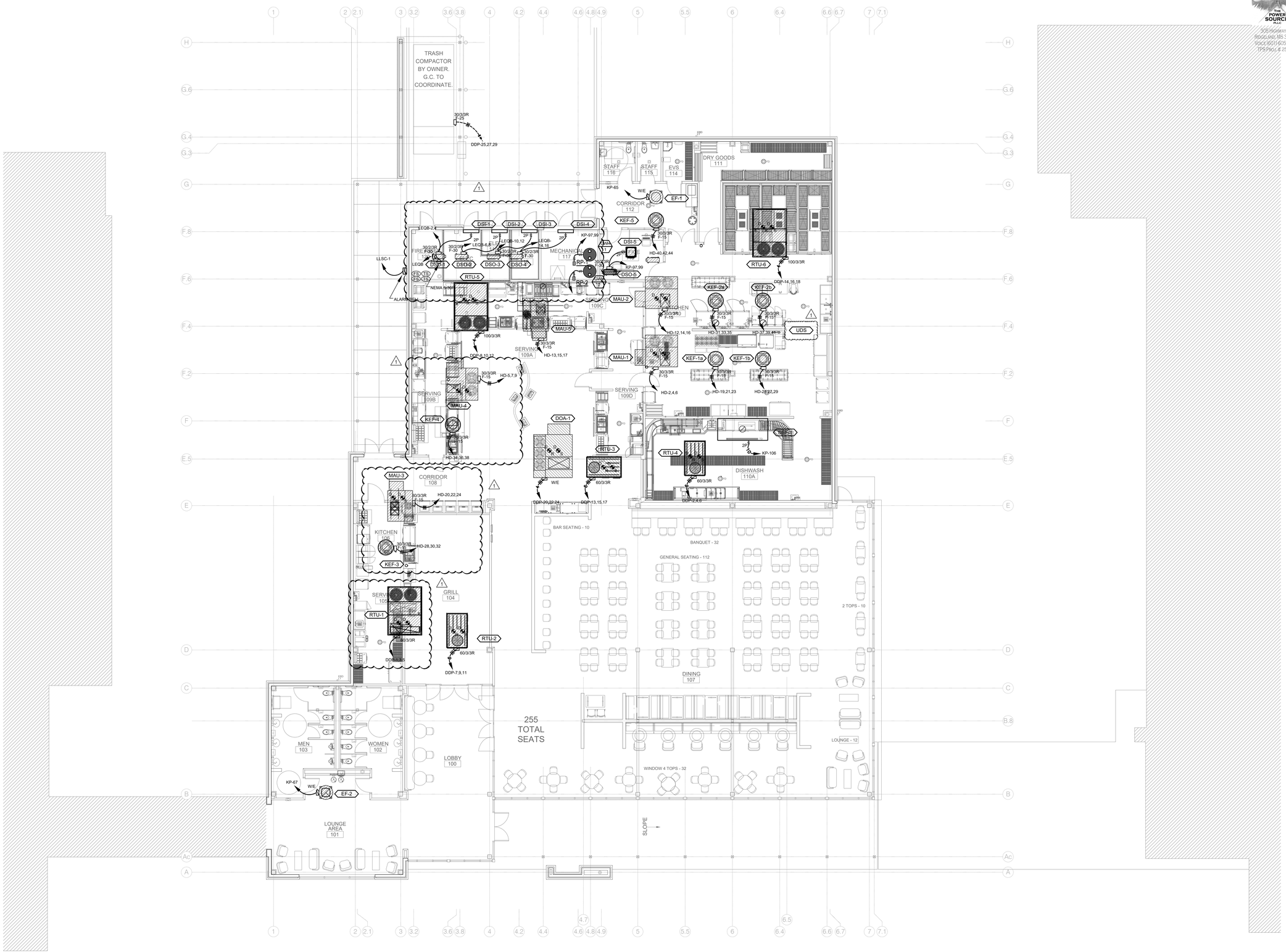
CONSTRUCTION DOCUMENTS

Project No. 24053
Date: SEPTEMBER 18, 2025
Drawn: CTB
Checked: CLG
Revisions: ADDENDUM #1 9/30/2025

THE COMMONS – PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY
COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
E110

1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE
1/4" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE



1 E310 MECHANICAL PLAN - DINING HALL - ADD ALTERNATE #1

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

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TPS PLLC # 25024

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CHRISTOPHER L. GREEN
REGISTERED
ARCHITECT
9/19/2025
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No. 24053
Date: SEPTEMBER 18, 2025
Drawn: CTB
Checked: CLG
Revisions: 1 ADDENDUM #1 9/30/2025

THE COMMONS – PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY
COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
E310

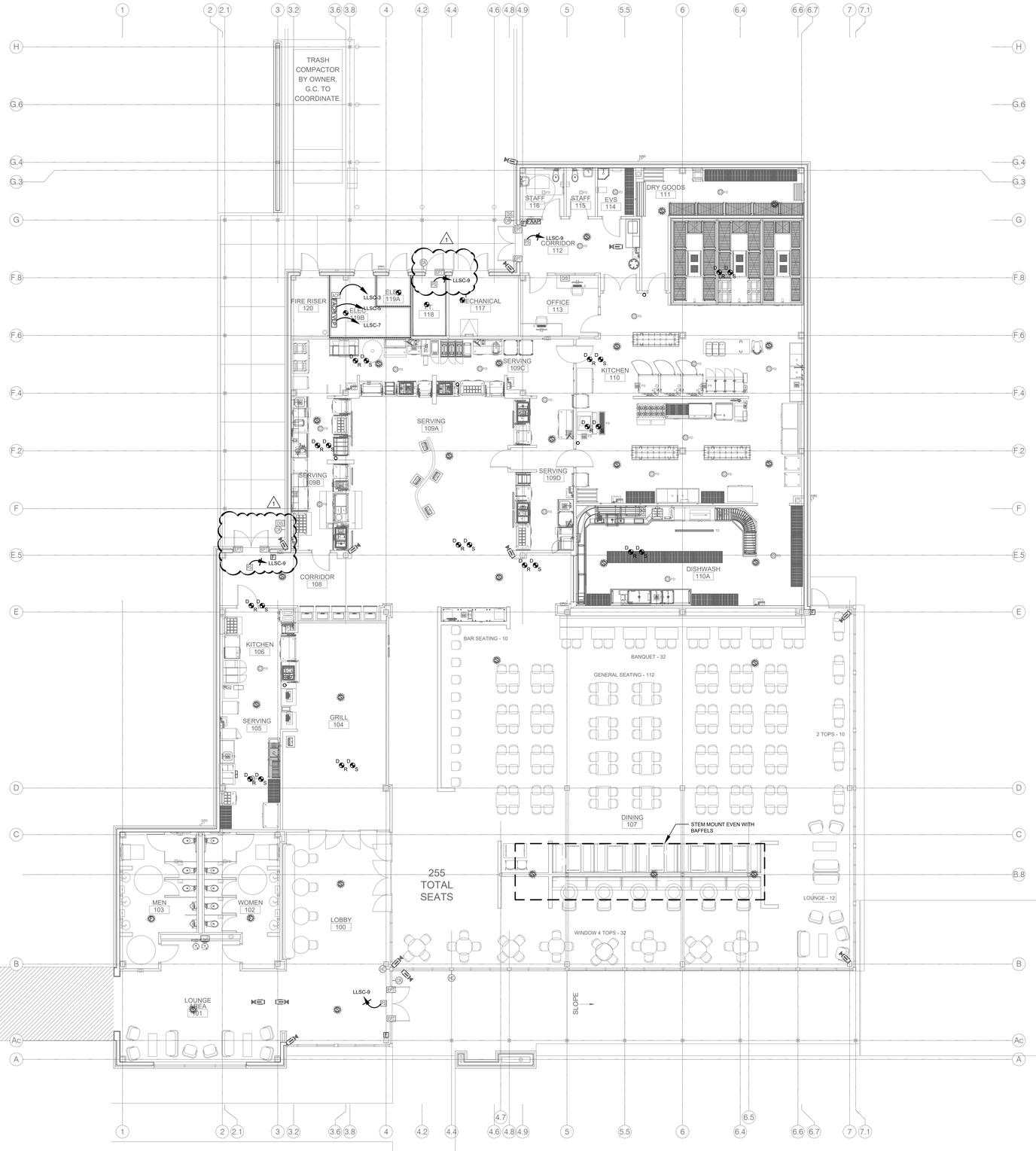
3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
¼" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

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CHRISTOPHER L. GREEN
LICENSED ARCHITECT
9/18/2025
18774
STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS



1 / E410 AUXILIARY PLAN - DINING HALL - ADD ALTERNATE #1
Scale: 1/8" = 1'- 0"

Project No. 24053
Date: SEPTEMBER 18, 2025
Drawn: CTB
Checked: CLG
Revisions: 1 ADDENDUM #1 9/30/2025

THE COMMONS – PACKAGE A
(RANKIN CAMPUS) HINDS COMMUNITY
COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
E410

1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE

PANEL	LOCATION:	ELECTRICAL ROOM 232B	LUG LOCATION:	BOTTOM FEED								UL LISTED FOR SERVICE ENTRANCE			
GDP	VOLT:	480Y/277V, 3Ø, 4W	MAIN BUS:	800A MAIN BREAKER								NEMA 3R ENCLOSURE			
	BUS:	800A	MOUNTING:	SURFACE								PANELBOARD AIC RATING (A):	25,000		

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		PHASE LOAD (KVA) B		PHASE LOAD (KVA) C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	45	3	DOAS-1	6.8	0.0					SPARE	100	3	2
3	-	-	-			6.8	0.0			-	-	-	4
5	-	-	-					6.8	0.0	-	-	-	6
7	50	3	DOAS-2	7.8	0.0					SPARE	100	3	8
9	-	-	-			7.8	0.0			-	-	-	10
11	-	-	-					7.8	0.0	-	-	-	12
13	60	3	DOAS-3	10.9	12.2					RTU-3	70	3	14
15	-	-	-			10.9	12.2			-	-	-	16
17	-	-	-					10.9	12.2	-	-	-	18
19	70	3	SPARE	0.0	6.6					RTU-4	40	3	20
21	-	-	-			0.0	6.6			-	-	-	22
23	-	-	-					0.0	6.6	-	-	-	24
25	50	3	SPARE	0.0	6.6					RTU-5	40	3	26
27	-	-	-			0.0	6.6			-	-	-	28
29	-	-	-					0.0	6.6	-	-	-	30
31	40	3	SPARE	0.0	6.6					RTU-6	40	3	32
33	-	-	-			0.0	6.6			-	-	-	34
35	-	-	-					0.0	6.6	-	-	-	36
37	225	3	SPARE	0.0	6.6					RTU-7	40	3	38
39	-	-	-			0.0	6.6			-	-	-	40
41	-	-	-					0.0	6.6	-	-	-	42
43	200	3	PANEL "HEQG"	36.8	0.0					SPD TYPE 1	30	3	44
45	-	-	-			36.8	0.0			-	-	-	46
47	-	-	-					37.3	0.0	-	-	-	48
49	70	3	PANEL "HLSD	4.4	31.9					PANEL "HG"	225	3	50
51	-	-	-			3.1	29.4			-	-	-	52
53	-	-	-					1.6	24.9	-	-	-	54
TOTAL				137.4		133.5		128.1					

PANEL	LOCATION:	ELECTRICAL ROOM 232A	LUG LOCATION:	BOTTOM FEED											
LLSD	VOLT:	208Y/120V, 3Ø, 4W	MAIN BUS:	60A MAIN BREAKER											
	BUS:	100A	MOUNTING:	SURFACE								PANELBOARD AIC RATING (A):		10,000	

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		PHASE LOAD (KVA) B		PHASE LOAD (KVA) C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	1	ACCESS CONTROL POWER SUPPLY	0.5	1.3					DSO-1 & DSI-1	25	2	2
3	20	1	ACP			0.5	1.3			-	-	-	4
5	20	1	FACP					0.5	0.0	SPARE	20	1	6
7	20	1	VEP	0.5	0.0					SPARE	20	1	8
9	20	1	ACCESS CONTROL POWER SUPPLY			0.5	0.0			SPARE	20	1	10
11	20	1	SPARE					0.0	0.0	SPARE	20	1	12
13	20	1	SPARE	0.0	0.0					SPARE	20	1	14
15	20	1	SPARE			0.0	0.0			SPARE	20	1	16
17	20	1	SPARE					0.0	0.0	SPARE	20	1	18
19	20	1	SPARE	0.0	0.0					SPARE	20	1	20
21	20	1	SPARE			0.0	0.0			SPARE	20	1	22
23	20	1	SPARE					0.0	0.0	SPARE	20	1	24
25	20	1	SPARE	0.0	0.0					SPARE	20	1	26
27	20	1	SPARE			0.0	0.0			SPARE	20	1	28
29	20	1	SPARE					0.0	0.0	SPARE	20	1	30
TOTAL			** ARC FAULT BREAKER	2.3		2.3		0.5		* GFCI BREAKER			

PANEL	LOCATION:	ELECTRICAL ROOM 232A	LUG LOCATION:	BOTTOM FEED											
HLSD	VOLT:	480Y/277V, 3Ø, 4W	MAIN BUS:	MAIN LUGS ONLY											
	BUS:	100A	MOUNTING:	SURFACE								PANELBOARD AIC RATING (A):		14,000	

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		PHASE LOAD (KVA) B		PHASE LOAD (KVA) C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	1	LTS. - GYMNASIUM 200	0.9	1.2					LTS. - EXTERIOR	20	1	2
3	20	1	LTS. - ELEC 232A, 232B, CORRIDOR 008, LOUNGE 210			0.8	0.0			SPARE	20	1	4
5	20	1	LTS. - CORRIDOR 006, TEAM ROOM 208, FITNESS 121					1.1	0.0	SPARE	20	1	6
7	20	1	SPARE	0.0	0.0					SPARE	20	1	8
9	20	1	SPARE			0.0	0.0			SPARE	20	1	10
11	20	1	SPARE					0.0	0.0	SPARE	20	1	12
13	20	1	SPARE	0.0	0.0					SPARE	20	1	14
15	20	1	SPARE			0.0	0.0			SPARE	20	1	16
17	20	1	SPARE					0.0	0.0	SPARE	20	1	18
19	20	1	SPARE	0.0	0.0					SPARE	20	1	20
21	20	1	SPARE			0.0	0.0			SPARE	20	1	22
23	20	1	SPARE					0.0	0.0	SPARE	20	1	24
25	30	3	SPD TYPE 2A	0.0	2.3					TRANSFORMER "TLSD" (PANEL "LLSD")	25	3	26
27	-	-	-			0.0	2.3			-	-	-	28
29	-	-	-					0.0	0.5	-	-	-	30
TOTAL			** ARC FAULT BREAKER	4.4		3.1		1.6		* GFCI BREAKER			

PANEL	LOCATION:	ELECTRICAL ROOM 232B	LUG LOCATION:	BOTTOM FEED											
LG - SEC. 1	VOLT:	208Y/120V, 3Ø, 4W	MAIN BUS:	225A MAIN BREAKER W/FEED THRU LUGS											
	BUS:	225A	MOUNTING:	SURFACE								PANELBOARD AIC RATING (A):		10,000	

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		PHASE LOAD (KVA) B		PHASE LOAD (KVA) C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	1	REC. - WOMEN RESTROOM 204	0.7	0.9					REC. - STORAGE 233, RESTROOM 228, LOCKER 227	20	1	2
3	20	1	REC. - EVS 203, STORAGE 202			0.5	1.3			REC. - VISITORS LOCKER ROOM 227	20	1	4
5	20	1	REC. - CONCESSION 201					0.4	0.9	REC. - OFFICIAS LOUNGE 221	20	1	6
7	20	1	REC. - CONCESSION 201	0.4	2.5					REC. - DRYER	30	2	8
9	20	1	REC. - DRINKING MACHINE			1.0	2.5			-	-	-	10
11	20	1	REC. - DRINKING MACHINE					1.0	2.5	REC. - DRYER	30	2	12
13	20	1	REC. - COLD STORAGE	1.0	2.5					-	-	-	14
15	20	1	REC. - ICE MACHINE			1.0	1.0			REC. - WASHER	20	1	16
17	20	1	REC. - CONCESSION 201					0.4	1.0	REC. - WASHER	20	1	18
19	20	1	SECURITY SHUTTER	0.5	0.5					REC. - CORRIDOR 009, LAUNDRY 225	20	1	20
21	20	1	REC. - CORRIDOR 004			0.5	0.7			REC. - HCC LOCKER 217, RESTROOM 219	20	1	22
23	20	1	REC. - VENDING 005					1.0	0.5	REC. - CORRIDOR 009, CORRIDOR 006	20	1	24
25	20	1	REC. - VENDING 005	1.0	1.1					REC. - TRAINING ROOM 214	20	1	26
27	20	1	REC. - CORRIDOR 004			0.4	1.0			REC. - ICE MACHINE	20	1	28
29	20	1	REC. - INFO 002					0.7	0.7	REC. - OFFICE 212	20	1	30
31	20	1	REC. - WORKROOM 102, STAFF TLT 103	0.9	0.7					REC. - OFFICE 211	20	1	32
33	20	1	REC. - RECEPTION 101			0.7	0.9			REC. - COACH LOUNGE 210	20	1	34
35	20	1	REC. - FITNESS LOBBY 100					0.4	1.0	REC. - COFFEE MAKER	20	1	36
37	20	1	REC. - OFFICE 106, OFFICE 105	1.4	0.2					REC. - COACH LOUNGE 210	20	1	38
39	20	1	REC. - GROUP EXERCISE 108			0.9	1.4			REC. - MICROWAVE	20	1	40
41	20	1	REC. - GROUP EXERCISE 109					0.9	0.8	REC. - REFRIGERATOR	20	1	42
43	20	2	MOTORIZED PARTITION	0.8	0.5					REC. - TEAM ROOM 208	20	1	44
45	-	-	-			0.8	0.7			REC. - TEAM ROOM 208	20	1	46
47	20	1	REC. - WOMEN RESTROOM 116, RESTROOM 112					0.5	0.5	REC. - FAMILY RESTROOM 207, MENS RR 206	20	1	48
49	*20	1	REC. - DRINKING FOUNTAIN	0.5	0.4					REC. - CORRIDOR 006	20	1	50
51	*20	1	REC. - DRINKING FOUNTAIN			0.5	0.5			REC. - DRINKING FOUNTAIN	*20	1	52
53	20	1	REC. - MENS RESTROOM 119					0.7	0.5	REC. - DRINKING FOUNTAIN	*20	1	54
TOTAL			** ARC FAULT BREAKER	16.6		16.3		14.5		* GFCI BREAKER			

PANEL	LOCATION:	ELECTRICAL ROOM 232B	LUG LOCATION:	BOTTOM FEED											
HG	VOLT:	480Y/277V, 3Ø, 4W	MAIN BUS:	MAIN LUGS ONLY											
	BUS:	225A	MOUNTING:	SURFACE								PANELBOARD AIC RATING (A):		18,000	

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		PHASE LOAD (KVA) B		PHASE LOAD (KVA) C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	1	LTS. - STORAGE 226, LOUNGE 221, CORR. 008	1.2	2.1					LTS. - GYMNASIUM 200	20	1	2
3	20	1	LTS. - LOBBY 001, CORRIDOR 006, 004			2.3	1.4			LTS. - GYMNASIUM 200	20	1	4
5	20	1	LTS. - TEAM ROOM 208, RR 206, CONCESSION 201					0.9	0.0	SPARE	20	1	6
7	20	1	LTS. - FITNESS LOBBY 100, FITNESS 121	2.2	0.0					SPARE	20	1	8
9	20	1	SPARE			0.0	0.0			SPARE	20	1	10
11	20	1	SPARE					0.0	0.0	SPARE	20	1	12
13	20	1	SPARE	0.0	0.0					SPARE	20	1	14
15	20	1	SPARE			0.0	0.0			SPARE	20	1	16
17	20	1	SPARE					0.0	0.0	SPARE	20	1	18
19	20	1	SPARE	0.0	0.0					SPARE	20	1	20
21	20	1	SPARE			0.0	0.0			SPARE	20	1	22
23	20	1	SPARE					0.0	0.0	SPARE	20	1	24
25	30	3	SPD TYPE 2A	0.0	26.4					TRANSFORMER "TLG" (PANEL "LG")	110	3	26
27	-	-	-			0.0	25.7			-	-	-	28
29	-	-	-					0.0	24.1	-	-	-	30
TOTAL			** ARC FAULT BREAKER	31.9		29.4		24.9		* GFCI BREAKER			

PANEL	LOCATION:	ELECTRICAL ROOM 232B	LUG LOCATION:	TOP FEED											
LG - SEC. 2	VOLT:	208Y/120V, 3Ø, 4W	MAIN:	MAIN LUGS ONLY											
	BUS:	225A	MOUNTING:	SURFACE								PANELBOARD AIC RATING (A):		10,000	

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		PHASE LOAD (KVA) B		PHASE LOAD (KVA) C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
55	20	1	REC. - FITNESS 121	0.5	0.4					REC. - GYMNASIUM 200	20	1	56
57	20	1	REC. - FITNESS 121			0.4	0.4			REC. - GYMNASIUM 200	20	1	58
59	20	1	REC. - FITNESS 121					0.4	0.4	REC. - GYMNASIUM 200	20	1	60
61	20	1	REC. - FITNESS 121	0.4	0.4					REC. - GYMNASIUM 200	20	1	62
63	20	1	REC. - FITNESS 121			0.4	1.1			REC. - AV	20	1	64
65	20	1	REC. - FITNESS 121					0.4	1.1	REC. - AV	20	1	66
67	20	1	SIGN	1.0	1.0					REC. - TDBB	20	1	68
69	20	1	SIGN			1.0	1.0			REC. - TDBB	20	1	70
71	20	1	DOOR OPERATOR					0.5	1.0	SCOREBOARD	20	1	72
73	20	1	DOOR OPERATOR	0.5	1.0					SCOREBOARD	20	1	74
75	20	1	DOOR OPERATOR			0.5	0.3			BLEACHER	15	3	76
77	15	3	BLEACHERS					0.3	0.3	-	-	-	78
79	-	-	-	0.3	0.3					-	-	-	80
81	-	-	-			0.3	1.7			EUH-2	20	2	82
83	20	2	EUH-1					1.7	1.7	-	-	-	84
85	-	-	-	1.7	0.7					EF-1, EF-2	20	1	86
87	20	1	GWH-1, GWH-2			0.5	0.2			REC. - EXTERIOR	20	1	88
89	20	1	GWH-3, RP-2					0.5	0.2	REC. - IT 104	20	1	90
91	20	1	MV-1, RP-1	0.5	0.2					REC. - IT 104	20	1	92
93	20	1	REC. - AUDIO RACK			0.4	0.4			REC. - TRAINING ROOM 214	20	1	94
95	20	1	GENERATOR BLOCK HEATER					0.5	0.4	REC. - TRAINING ROOM 214	20	1	96
97	20	1	GENERATOR BATTERY CHARGER	0.5	0.5					REC. - ELECTRICAL ROOM 232	20	1	98
99	20	1	SIGN			0.5	0.5			REC. - MECHANICAL 231	20	1	100
101	20	1	SIGN					0.5	0.0	SPARE	20	1	102
103	20	1	SPARE	0.0	0.0					SPARE	20	1	104
105	20	1	SPARE			0.0	0.0			SPARE	20	1	106
107	20	1	SPARE					0.0	0.0	SPARE	20	1	108
TOTAL			** ARC FAULT BREAKER	9.8		9.4		9.6		* GFCI BREAKER			

PANEL	LOCATION:	MECHANICAL ROOM 231	LUG LOCATION:	BOTTOM FEED											
HEQG	VOLT:	480Y/277V, 3Ø, 4W	MAIN BUS:	MAIN LUGS ONLY											
	BUS:	225A	MOUNTING:	SURFACE								PANELBOARD AIC RATING (A):		18,000	

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		PHASE LOAD (KVA) B		PHASE LOAD (KVA) C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	100	3	RTU-1	18.4	18.4					RTU-2	100	3	2
3	-	-	-			18.4	18.4			-	-	-	4
5	-	-	-					18.4	18.4	-	-	-	6
7			SPACE	0.0	0.0					SPACE			8
9			SPACE			0.0	0.0			SPACE			10
11			SPACE					0.0	0.0	SPACE			12
13			SPACE	0.0	0.0					SPACE			14
15			SPACE			0.0	0.0			SPACE			16
17			SPACE					0.0	0.0	SPACE			18
19			SPACE	0.0	0.0					SPACE			20
21			SPACE			0.0	0.0			SPACE			22
23			SPACE					0.0	0.0	SPACE			24
25			SPACE	0.0	0.0					SPACE			26
27			SPACE			0.0	0.0			SPACE			28
29			SPACE					0.0	0.0	SPACE			30
TOTAL				36.8		36.8		37.3					

3" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
¼" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

THE COMMONS – PACKAGE B
PEARL, MS
PACS

THE POWER SOURCE PLLC
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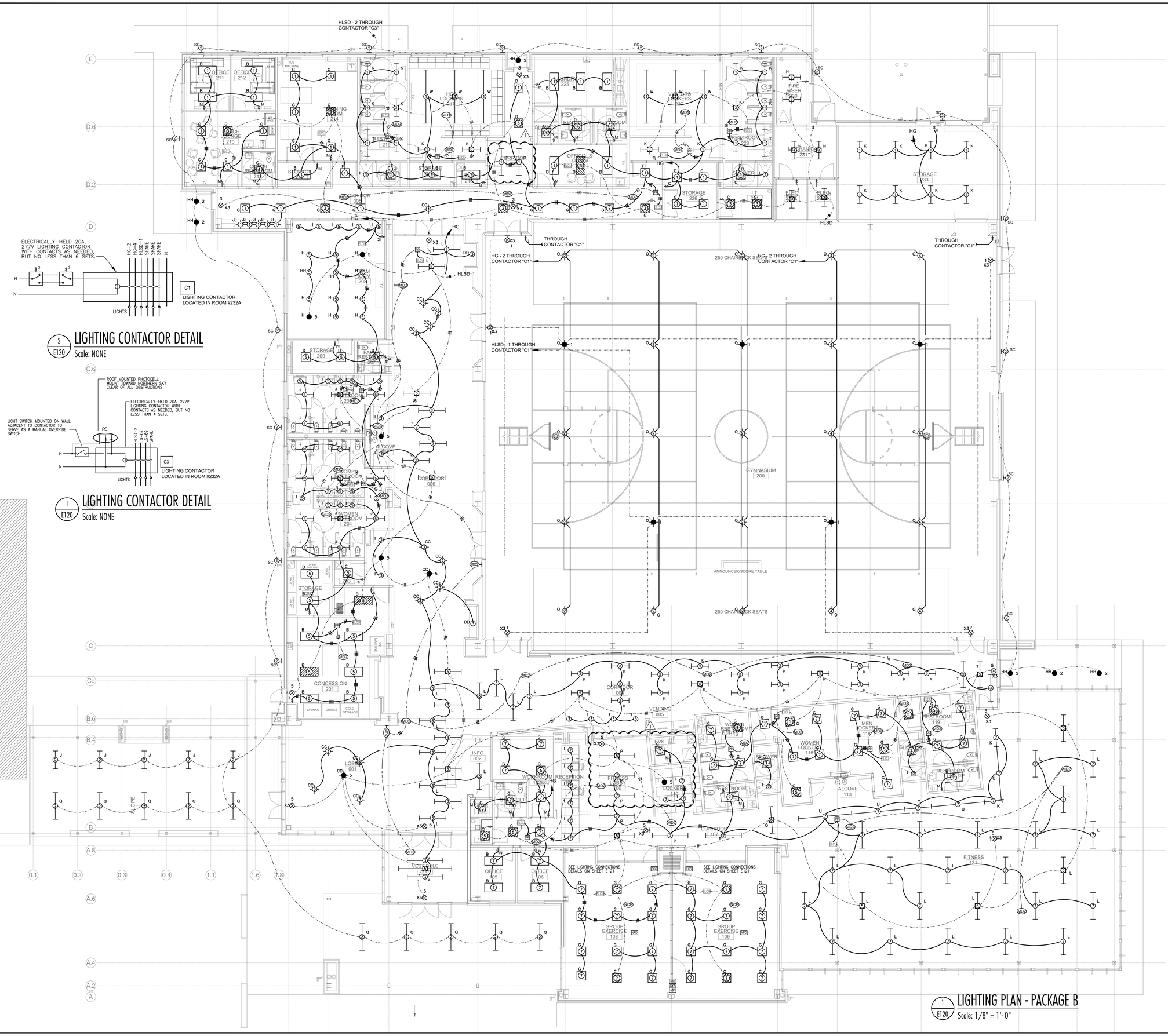
CHRISTOPHER L. GREEN — 21772 — 9/30/2025 — STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No. 24053
Date: SEPTEMBER 18, 2025
Drawn: CTB
Checked: CLG
Revisions: 1 ADDENDUM #1 9/30/2025

THE COMMONS – PACKAGE B (ADD ALTERNATE #2)
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
E024



3" =1'-0" GRAPHIC SCALE
1½" =1'-0" GRAPHIC SCALE
1" =1'-0" GRAPHIC SCALE
¾" =1'-0" GRAPHIC SCALE
½" =1'-0" GRAPHIC SCALE
⅜" =1'-0" GRAPHIC SCALE

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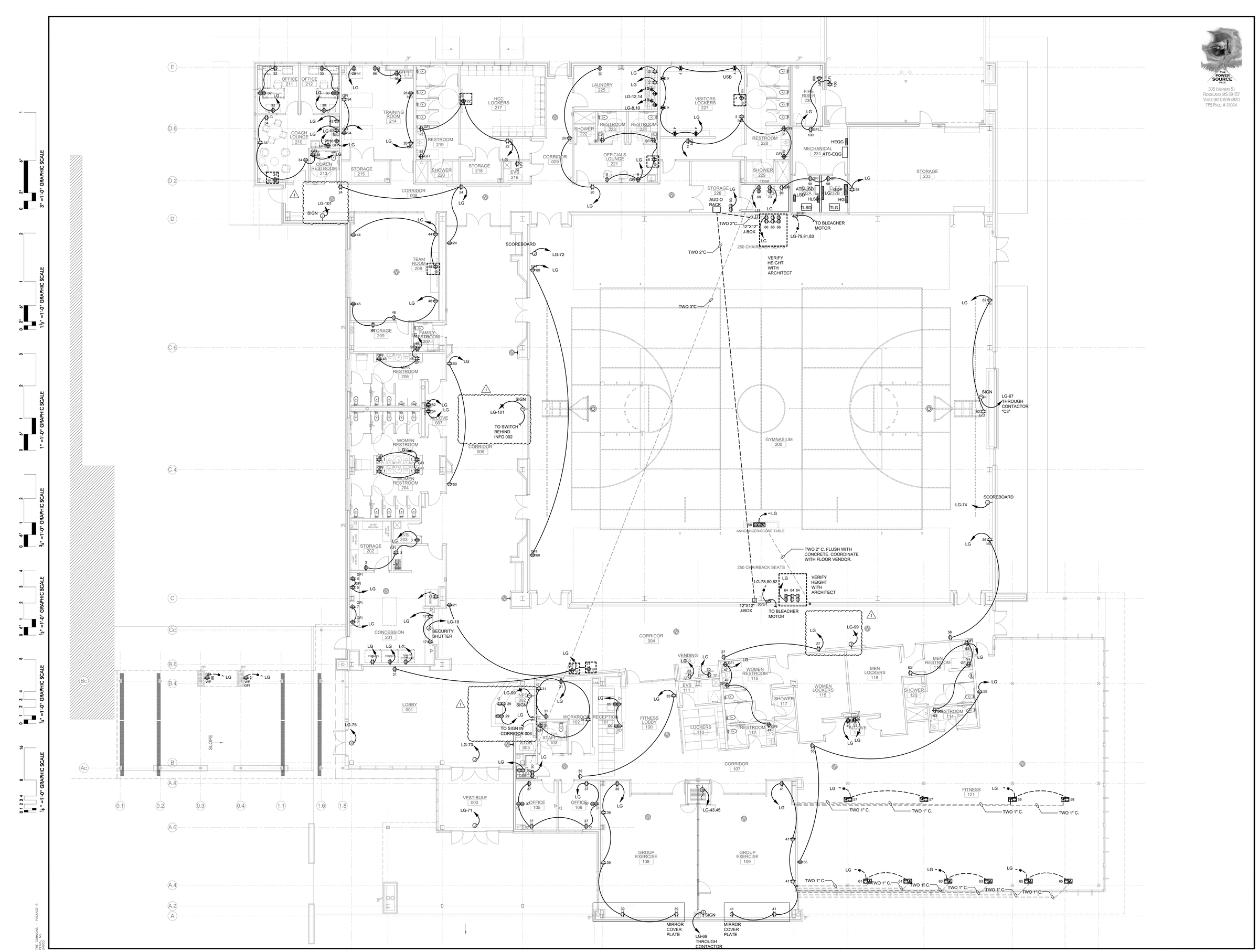
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Date: SEPTEMBER 18, 2025
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THE COMMONS – PACKAGE B (ADD ALTERNATE #2)
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Sheet Number:
E120

THE COMMONS – PACKAGE B
PEARL, MS
24053



3/32" = 1'-0" GRAPHIC SCALE
1 1/2" = 1'-0" GRAPHIC SCALE
1" = 1'-0" GRAPHIC SCALE
3/4" = 1'-0" GRAPHIC SCALE
1/2" = 1'-0" GRAPHIC SCALE
3/8" = 1'-0" GRAPHIC SCALE

THE COMMONS – PACKAGE B
PEARL, MS
PAGE 1

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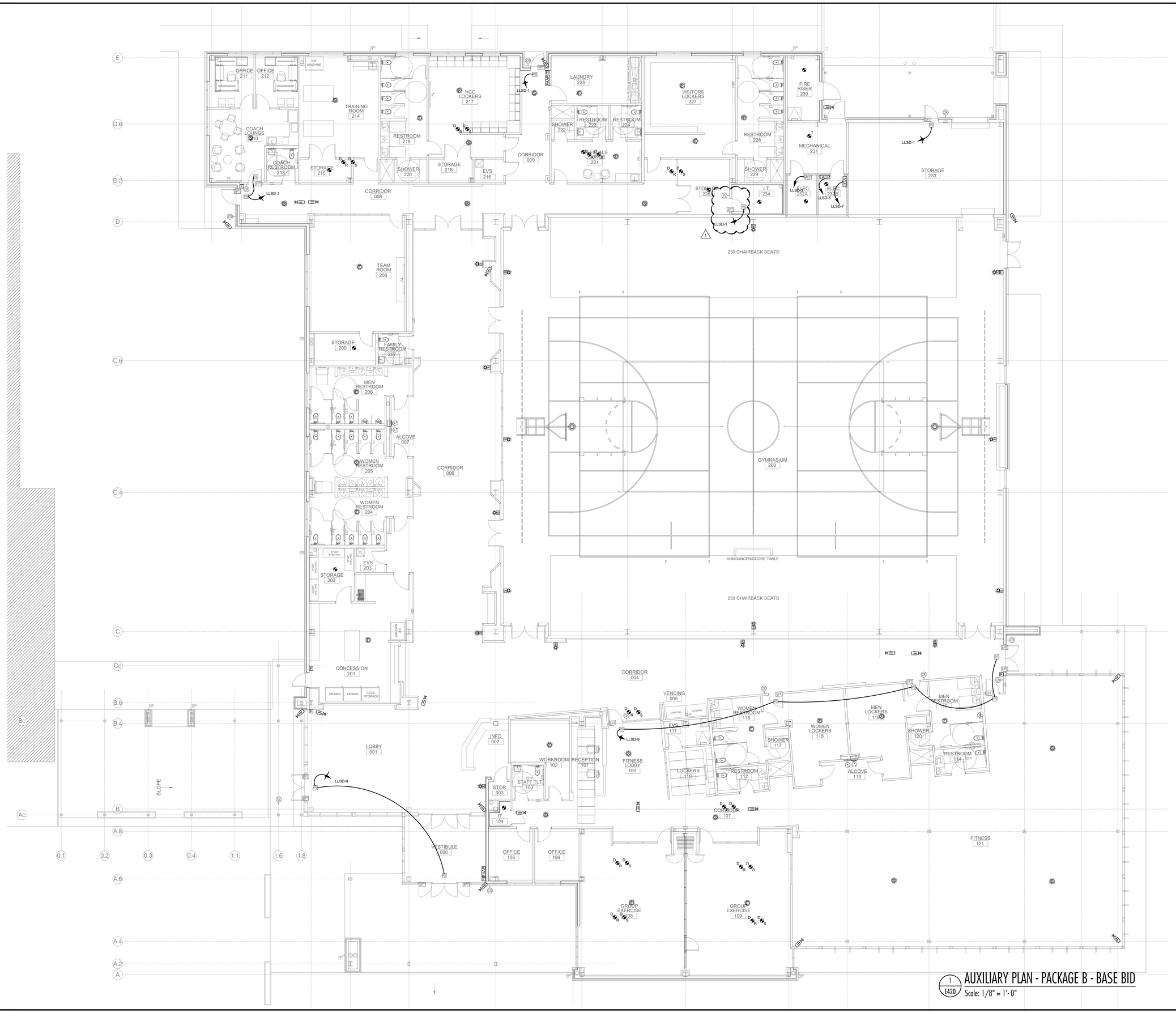
CHRISTOPHER L. GRANT — 14773 — STATE OF MISSISSIPPI — 9/30/2025

CONSTRUCTION DOCUMENTS

Project No. 24053
Date: SEPTEMBER 18, 2025
Drawn: CTB
Checked: CLG
Revisions: 1 ADDENDUM #1 9/30/2025

THE COMMONS – PACKAGE B (ADD ALTERNATE #2)
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
E220



1 E420 AUXILIARY PLAN - PACKAGE B - BASE BID
Scale: 1/8" = 1'-0"

1" = 1'-0" GRAPHIC SCALE
1½" = 1'-0" GRAPHIC SCALE
3" = 1'-0" GRAPHIC SCALE
¾" = 1'-0" GRAPHIC SCALE
½" = 1'-0" GRAPHIC SCALE
⅜" = 1'-0" GRAPHIC SCALE
⅛" = 1'-0" GRAPHIC SCALE

THE COMMONS – PACKAGE B
PEARL, MS

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CHRISTOPHER L. GREEN — 9/30/2025 — 21777 — STATE OF MISSISSIPPI

CONSTRUCTION DOCUMENTS

Project No. 24053
Date: SEPTEMBER 18, 2025
Drawn: CTB
Checked: CLG
Revisions: 1 ADDENDUM #1 9/30/2025

THE COMMONS – PACKAGE B (ADD ALTERNATE #2)
(RANKIN CAMPUS) HINDS COMMUNITY COLLEGE (COMMUNITY COLLEGE BOARD)
PEARL, MISSISSIPPI

Sheet Number:
E420