

## SECTION 009113 – ADDENDUM ONE

## PART 1 - ADDENDA

## 1.1 PROJECT INFORMATION

- A. Project Name: 22034.05 MPSD Carver Elementary Additions
- B. Owner: Meridian Public School District, 1019 25<sup>th</sup> Avenue, Meridian, MS 38391
- C. Architect: Dale | Bailey, an Association, One Jackson Place, Suite 250, 188 East Capitol Street, Jackson, MS 39201-2100
- D. Architect Project Number: 22034.05
- E. Date of Addendum One: 12 October 2023

## 1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum at same time and location.

## 1.3 GENERAL

- A. Attached are the annotated Pre-Bid Meeting Minutes and Meeting Attendees dated 10 October 2023.
- B. Attached is the school year testing calendar 2023/2024 for Meridian Public School District.

## 1.4 REVISIONS TO TECHNICAL SPECIFICATIONS

- A. 083513.13 – MULTIPANEL FOLDING ALUMINUM-FRAMED GLASS DOORS (New). Add to the project manual.

## 1.5 REVISIONS TO DRAWINGS

- A. ELECTRICAL SHEET E000 – ELECTRICAL LEGEND AND DETAILS (New). Add to drawings.



- B. ELECTRICAL SHEET E000 – SITE PLAN – BRANDON AND ELECTRICAL PLAN – WASH BAY (New). Add to drawings.
- C. ELECTRICAL SHEET E001 – ELECTRICAL DETAILS (New). Add to drawings.
- D. ELECTRICAL SHEET E002 – ELECTRICAL DETAILS (New). Add to drawings.
- E. ELECTRICAL SHEET ED-100 – FIRST FLOOR DEMOLITION PLAN – SECTION A (New). Add to drawings.
- F. ELECTRICAL SHEET ED-101 – FIRST FLOOR DEMOLITION PLAN – SECTION B (New). Add to drawings.
- G. ELECTRICAL SHEET ED-102 – SECOND FLOOR DEMOLITION PLAN – SECTION C (New). Add to drawings.
- H. ELECTRICAL SHEET E-100 – FIRST FLOOR LIGHTING PLAN – SECTION A (New). Add to drawings.
- I. ELECTRICAL SHEET E-101 – FIRST FLOOR LIGHTING PLAN – SECTION B (New). Add to drawings.
- J. ELECTRICAL SHEET E-102 – SECOND FLOOR LIGHTING PLAN – SECTION C (New). Add to drawings.
- K. ELECTRICAL SHEET E-200 – FIRST FLOOR POWER/MECHANICAL/AUXILIARY PLAN – SECTION A (New). Add to drawings.
- L. ELECTRICAL SHEET E-201 – FIRST FLOOR POWER/MECHANICAL/AUXILIARY PLAN – SECTION B (New). Add to drawings.
- M. ELECTRICAL SHEET E-202 – SECOND FLOOR POWER/MECHANICAL/AUXILIARY PLAN – SECTION C (New). Add to drawings.
- N. PLUMBING SHEET P-102 – ENLARGED PLUMBING PLAN – TOILETS (Not Re-Issued). In View 1 and View 2, change plumbing fixture designations to have 2 each WC-1's and 1 each WC-2's in each of the four restroom additions to match Architectural Drawings.

## 1.6 ATTACHMENTS

- A. Annotated Pre-Bid Meeting Minutes and Meeting Attendees dated 10 October 2023.
- B. Meridian Public School District Calendar 2023/2024.
- C. This Addendum includes the following attached Specifications.
  - 1. Specification 083513.13 – Multipanel Folding Aluminum-Framed Glass Doors dated 12 October 2023.
- D. This Addendum includes the following attached Drawings.
  - 1. Electrical Sheet E000 – Electrical Legends and Details dated 11 October 2023.
  - 2. Electrical Sheet E001 – Electrical Details dated 11 October 2023.
  - 3. Electrical Sheet E002 – Electrical Details dated 11 October 2023.

4. Electrical Sheet ED-100 – First Floor Demolition Plan – Section A dated 11 October 2023.
5. Electrical Sheet ED-101 – First Floor Demolition Plan – Section B dated 11 October 2023.
6. Electrical Sheet ED-102 – Second Floor Demolition Plan – Section C dated 11 October 2023.
7. Electrical Sheet E-100 – First Floor Lighting Plan – Section A dated 11 October 2023.
8. Electrical Sheet E-101 – First Floor Lighting Plan – Section B dated 11 October 2023.
9. Electrical Sheet E-102 -- Second Floor Lighting Plan – Section C dated 11 October 2023.
10. Electrical Sheet E-200 – First Floor Power/Mechanical/Auxiliary Plan – Section A dated 11 October 2023.
11. Electrical Sheet Electrical Sheet E-201 – First Floor Power/Mechanical/Auxiliary Plan – Section B dated 11 October 2023.
12. Electrical Sheet E-202 – Second Floor Power/Mechanical/Auxiliary Plan – Section C dated 11 October 2023.

END OF ADDENDUM ONE

Pre-Bid Minutes

201 Park Court, Suite B  
Ridgeland, MS 39157  
P 601.790.9432  
F 888.281.0547

11 October 2023

22034.05 Carver Elementary Additions & Renovations / Pre-Bid Meeting [Minutes](#)

One Jackson Place, Suite 250  
188 East Capitol Street  
Jackson, MS 39201-2100  
P 601.352.5411  
F 601.352.5362

1. General

- a. Please silence cell phones
- b. Sign-in sheet: Minutes will include list of meeting attendees
- c. Plan holders list: Minutes will include list of plan holders
- d. Description: Narrative project description

2. Team

161 Lameuse Street, Suite 201  
Biloxi, MS 39530  
P 228.374.1409  
F 228.374.1414

- a. Owner ..... Meridian Public School District / Dr. Amy Carter, Superintendent  
Meridian Public School District / Clay Sims, Director of Operations
- b. Architect..... Dale Bailey , am Association / Jackson, MS / Russ Blount
- c. Mechanical ..... GSK Mechanical / Ridgeland, MS / Jason Kackley
- d. Electrical..... The Power Source / Madison, MS / Chris Green

3. Procurement and Contracting Requirements

- a. Advertisement for Bids
  - i. Advertisement dates: 0609/26/03 & 10/03/23
  - ii. Bid Receipt: Bids to be opened at 2:00 PM on Tuesday, October 24, 2023
  - iii. Bid Location: Meridian Public School District Office / 1019 25th Avenue / Meridian, MS 39301
- b. Bidder Qualifications
  - i. Bidders must be properly licensed under the laws governing their respective trades.
  - ii. List all applicable state & local license & registration nos. on outside of bid envelope.
- c. Bonding & Insurance
  - i. Bidders must be able to obtain insurance and bonds required for the Work.
- d. Bid Security
  - i. A Bid Security in the amount of 5% of the total maximum bid amount is required.
  - ii. Cash, cashier's check, certified check, US money order, or bid bond.
- e. Bid Form and Attachments
  - i. Acknowledgement of Addenda

- ii. Subcontractor identification
  - f. Bid Submittal Requirements
    - i. Envelope requirements (re: Bid Submittal Checklist)
    - ii. Proper identification
  - g. Notice of Award
    - i. Offered within 60 days after receipt of bids.
    - ii. The award will be made as soon as possible & successful bidder should be ready to secure bonds & insurance immediately.
- 4. Communication during Bidding Period
  - a. Obtaining documents
    - i. Plan holders are required to register and order bid documents at [www.dalebaileyplans.com](http://www.dalebaileyplans.com).
  - b. Bidder's Requests for Information
    - i. Binding answers to questions must be included in an official written addendum and the Contractor or Subcontractor is encouraged to provide written communications to the Architect for proper response.
    - ii. Address e-mailed written correspondence to [biddinginfo@dalepartners.com](mailto:biddinginfo@dalepartners.com)
    - iii. No questions will be accepted after 5:00 PM on Wednesday, July 09, 2014 in order to allow the Architect adequate time to prepare any necessary addenda
  - c. Addenda
    - i. Addendum no 1 (tentative) .....10.19.23
- 5. Contracting Requirements
  - a. The Supplementary Conditions
    - i. Refer to this section for specific comments & directives
      - 1. Change order markups
      - 2. Weather delays
      - 3. Retainage
      - 4. Stored material
      - 5. Liquidated damages
      - 6. Insurance
  - b. Other Owner requirements: verify user occupancy during construction
- 6. Construction Documents
  - a. Use of Site
    - i. Complete use of site TBD
    - ii. Parking
    - iii. Lay-down area
  - b. Work Restrictions

- i. Workdays
    - ii. Work times
  - c. Unit prices, alternates, & allowances
    - i. Unit prices: No alternates currently included in bid package.
    - ii. Alternates: No alternates currently included in bid package
    - iii. Allowances: No allowance currently included in bid package
  - d. Substitutions following award.
    - i. Substitutions will be considered within 30 days of the contract award.
    - ii. Burden of proof of "equal" will be on the Contractor or Vendor
- 7. Schedule
  - a. Project Schedule
    - i. Section 013200 in Project Manual
    - ii. GC to provide CPM type schedule, regularly updated.
  - b. Contract Time
    - i. Contract time current defined as 120 consecutive calendar days from NTP
  - c. Liquidated Damages
    - i. \$250 each calendar day of the delay after Contract Time
  - d. Other Bidder Questions
- 8. Post-Meeting Addendum
  - a. May be issued, as necessary to document the meeting questions & provide proper responses.
- 9. Other Bidder Questions
  - a. Architect will record and distribute meeting minutes to attendees and others known by the Architect's office to have received a complete set of Procurement and Contracting Documents
  - b. Minutes of meeting are issued as Available Information and do not constitute a modification to the Procurement and Contracting Documents
  - c. Modifications to the Procurement and Contracting Documents are issued by written Addendum only.
- 10. Site/facility visit or walkthrough
- 11. Questions and comments
  - a. When will electrical drawings be issued? This week
  - b. Clarify match existing tile? Because of the bidding process, we cannot select a single tile at this time. Note that: the 1<sup>st</sup> floor tile is to match the adjacent existing girl's restroom and the 2<sup>nd</sup> floor is to match the adjacent restrooms
  - c. This project is not federally funded, Davis-Bacon wages do not apply.
  - d. There will be an overlap of contracts on this site during construction.

- e. During testing, limit work to site work or nights and weekends. See attached.
- f. December 14th is the earliest this project may be approved after bid.
- g. School will provide an "Intent to Award" letter due to tight timeframe after bid.
- h. Check-in at offices to visit sites before bid

End

Carver Elementary School - Emergency Renovation Pre Bid.

10/10/23

<u>Name</u>	<u>Company</u>	<u>Phone</u>	<u>E mail</u>
Clay Sims	MPSD - Central Ops.	6019386992	csims@mpsak17.net.
Cecil Mason	Flagstar Const.	601218-2208	<del>Cecil</del> Cecil@FlagstarConstruction.com
Reggie Starnes	Byrd + Cook	601-317-2770	Reggie.Starnes@byrdandcook.com
Jason Stewart	Bailey PM	601-265-0011	jstewart@bailey-pm.com
Jay Joyner	J + J	601-917-0650	Jay.Joyner@jjcont.com
Will Williamson	McLain Plumbing	601-416-9520	wwilliamson@mcclairinc.com
Russ Blount	Dale Bailey	601 291 1811	RussBlount@Dalepartners.com.
Dane Ehridge	D+E Const	601-482-8725	dane@dandconstruction.com



## 2022-2023 Assessment Calendar

National Assessments	
Assessment	Testing Window
ACT (National)	September 10
Program for International Student Assessment (PISA)	October 2022
National Assessment of Academic Progress (NAEP - Long Term Trend)	October 10 - December 16
Preliminary SAT (PSAT)/National Merit Scholarship Qualifying Test (NMSQT)	October 15
ACT (National)	October 22
SAT	November 5
ACT WorkKeys Fall (Online)	November 14 - December 9
SAT	December 3
ACT (National)	December 10
ACT WorkKeys Spring (Online)	February 6 - March 3
ACT (National)	February 11
ACT (State Contract) for <b>11<sup>th</sup> Graders Window 1</b>	February 28
ACT (State Contract) for <b>11<sup>th</sup> Graders Accommodation Window 1</b>	February 28 - March 10
Trends in International Mathematics and Science Study (TIMSS)	March 1 - May 23
International Computer and Information Literacy Study (ICILS)	March 1 - May 23
National Assessment of Academic Progress (NAEP Field Test)	March 20 - April 14
ACT (State Contract) for <b>11<sup>th</sup> Graders Window 2</b>	March 28
ACT (State Contract) for <b>11<sup>th</sup> Graders Accommodation Window 2</b>	March 28 - April 7
ACT (State Contract) for <b>11<sup>th</sup> Graders Window 3</b>	April 11
ACT (State Contract) for <b>11<sup>th</sup> Graders Accommodation Window 3</b>	April 11-21
ACT (National)	April 15
AP Exams	May 1-12
ACT (National)	June 10
ACT (National)	July 15
State Assessments	
Assessment	Testing Window
MKAS <sup>2</sup> Kindergarten Readiness Assessment - Pretest	July 21 - September 23
MS Academic Assessment Program (MAAP) - Fall for <b>Retesters</b>	November 28 - December 16
English Language Proficiency Test/LASLinks (ELPT)	March 1 - April 11
MS Academic Assessment Program Alternate (MAAP-A) for <b>SCD students</b>	March 13 - May 5
MKAS <sup>2</sup> Kindergarten Readiness Assessment - Posttest	March 20 - April 27
MS Academic Assessment Program (MAAP) for <b>3<sup>rd</sup> Grade LBPA</b>	April 10-23
MS Academic Assessment Program (MAAP) - Spring for <b>3<sup>rd</sup>-8<sup>th</sup> ELA/Math, 5<sup>th</sup> &amp; 8<sup>th</sup> Science, and Algebra I/Biology/English II/US History EOC</b>	April 10 - May 12
MS Academic Assessment Program (MAAP) for <b>3<sup>rd</sup> Grade LBPA Retest 1</b>	May 8-12
MS Academic Assessment Program (MAAP) for <b>3<sup>rd</sup> Grade LBPA Retest 2</b>	June 19 - July 7
District Benchmarks	
Assessment	Testing Window
1 <sup>st</sup> Nine Weeks Benchmark for <b>MAAP-assessed courses</b>	October 3-7
2 <sup>nd</sup> Nine Weeks Benchmark for <b>MAAP-assessed courses</b>	December 12-16
3 <sup>rd</sup> Nine Weeks Benchmark for <b>MAAP-assessed courses</b>	March 6-10

## SECTION 083513.13 - MULTIPANEL FOLDING ALUMINUM-FRAMED GLASS DOORS

## PART 1 - GENERAL

## 1.1 SUMMARY

## A. Section Includes:

1. Multipanel folding aluminum-framed glass doors.

## 1.2 ACTION SUBMITTALS

## A. Product Data:

1. Multipanel folding aluminum-framed glass doors.

## B. Product Data Submittals: For each product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for multipanel folding aluminum-framed glass doors.

## C. Shop Drawings:

1. Include plans, elevations, sections, and installation details.
2. Indicate dimensions, configuration of panels, and stacking layout.

D. Samples: For each multipanel folding aluminum-framed glass door and for each color specified, **12-inch-long** section with factory-applied color finish.

## E. Samples for Initial Selection: For doors and hardware with factory-applied color finish.

## F. Samples for Verification: For multipanel folding aluminum-framed glass doors and components required, prepared on Samples of size indicated below:

1. Main Framing Member: **12-inch-long** section with weather stripping, glazing bead and factory-applied color finish.
2. Hardware: Full-size units with factory-applied finish.

## G. Product Schedule: For multipanel folding aluminum-framed glass doors.

## 1.3 INFORMATIONAL SUBMITTALS

## A. Qualification Data: For Installer.

## B. Product Test Reports: For each multipanel folding aluminum-framed glass door, for tests performed by manufacturer and witnessed by a qualified testing agency; and for each class and performance grade indicated, tested at AAMA gateway size.

- C. Field quality-control reports.
- D. Sample Warranty: For manufacturer's special warranty.

#### 1.4 CLOSEOUT SUBMITTALS

- A. Maintenance Data:
  - 1. For multipanel folding aluminum-framed glass doors to include in maintenance manuals. Include finishes, weather stripping, operable panels, and operating hardware.

#### 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A manufacturer capable of fabricating multipanel folding aluminum-framed glass doors that meet or exceed performance requirements indicated and of documenting this performance by inclusion in lists and by labels, test reports, and calculations.
- B. Installer Qualifications: An installer acceptable to multipanel folding aluminum-framed glass door manufacturer for installation of units required for this Project.
- C. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.
  - 1. Build mockup for multipanel folding aluminum-framed glass doors, as shown on Drawings.
  - 2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
  - 3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

#### 1.6 WARRANTY

- A. Manufacturer's Special Warranty: Manufacturer agrees to repair or replace multipanel folding aluminum-framed glass doors that fail(s) in materials or workmanship within specified warranty period.
  - 1. Failures include, but are not limited to, the following:
    - a. Failure to meet performance requirements.
    - b. Structural failures, including excess deflection.
    - c. Excessive water leakage or air infiltration.
    - d. Faulty operation of movable panels and hardware.
    - e. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
    - f. Failure of insulating glass and laminated glass.
  - 2. Warranty Period:
    - a. Multipanel Folding Aluminum-Framed Glass Doors: 10 year(s) from date of Substantial Completion.
    - b. Insulating-Glass Units: 20 years from date of Substantial Completion.
    - c. Laminated Glass: Five years from date of Substantial Completion.

- d. Aluminum Finish: 10 years from date of Substantial Completion.
- B. Special Finish Warranty, Factory-Applied Finishes: Standard form in which manufacturer agrees to repair finishes or replace aluminum that shows evidence of deterioration of factory-applied finishes within specified warranty period.
1. Deterioration includes, but is not limited to, the following:
    - a. Color fading more than 5 Delta E units when tested in accordance with ASTM D2244.
    - b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D4214.
    - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
  2. Warranty Period: 10 years from date of Substantial Completion.
- C. Special Finish Warranty, Anodized Finishes: Standard form in which manufacturer agrees to repair finishes or replace aluminum that shows evidence of deterioration of anodized finishes within specified warranty period.
1. Deterioration includes, but is not limited to, the following:
    - a. Color fading more than 5 Delta E units when tested in accordance with ASTM D2244.
    - b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D4214.
    - c. Cracking, peeling, or chipping.
  2. Warranty Period: 10 years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 PERFORMANCE REQUIREMENTS

- A. Product Standard: Comply with AAMA/WDMA/CSA 101/I.S.2/A440 for minimum standards of performance, materials, components, accessories, and fabrication unless more stringent requirements are indicated.
1. Product Certification: AAMA certified with label attached to each door.
- B. Performance Class and Grade: AAMA/WDMA/CSA 101/I.S.2/A440 as follows:
1. Minimum Performance Class: Class R.
  2. Minimum Performance Grade: Grade 15.
- C. Thermal Transmittance: NFRC 100 maximum total fenestration product U-factor of 0.30 Btu/sq. ft. x h x deg F.
- D. Solar Heat-Gain Coefficient (SHGC): NFRC 200 maximum total fenestration product SHGC of 0.40.
- E. Condensation-Resistance Factor (CRF): Provide multipanel folding aluminum-framed glass doors tested for thermal performance in accordance with AAMA 1503, showing a CRF of 45.
- F. Thermal Movements: Provide multipanel folding aluminum-framed glass doors, including anchorage, that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints,

overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.
- G. Sound Transmission Class (STC): Rated for not less than 28 STC when tested for laboratory sound transmission loss in accordance with ASTM E90 and determined by ASTM E413.
- H. Outside-Inside Transmission Class (OITC): Rated for not less than 23 OITC when tested for laboratory sound transmission loss in accordance with ASTM E90 and determined by ASTM E1332.
- I. Windborne-Debris Impact Resistance: Passes ASTM E1886 missile-impact and cyclic-pressure tests in accordance with ASTM E1996 for Wind Zone 1 for basic protection.
1. Large-Missile Test: For glazing located within **30 feet** and 60 feet of grade.
  2. Small-Missile Test: For glazing located between **30 feet** and 60 feet above grade.

## 2.2 MULTIPANEL FOLDING ALUMINUM-FRAMED GLASS DOORS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
1. Arcadia, Inc.
  2. C.R. Laurence Co., Inc.; CRH Americas, Inc.
  3. Euro-Wall Systems, LLC
  4. LaCantina Doors; a division of JELD-WEN
  5. Lanai Doors
  6. Nana Wall Systems, Inc.
- B. Multipanel Folding Aluminum-Framed Glass Doors: Provide extruded-aluminum-framed multipanel folding glass doors, complete with glazing, threshold, flashings, support, and anchorage devices.
1. Application: Interior, inward opening .
  2. Stack Storage Configuration: As shown on Drawings.
- C. Frames and Door Panels: Fabricated from aluminum extrusions complying with AAMA/WDMA/CSA 101/I.S.2/A440. Provide factory-assembled door panels that are reglazable without dismantling panel framing, and factory-assembled frames.
1. Thermally Improved Construction: Fabricate frames and door panels with an integral, concealed, low-conductance thermal barrier located between exterior and interior surfaces in a manner that eliminates direct metal-to-metal contact.
  2. Door Panel Design: Medium stile design, with 10-inch nominal height bottom rail.

## 2.3 GLAZING

- A. Glass and Glazing: Manufacturer's standard glazing system that produces weathertight seal. Comply with requirements for windborne-debris resistance.

1. Glass: ASTM C1036, Type 1, q3; Category II safety glass complying with testing requirements in 16 CFR 1201.
2. Safety Glazing Labeling: Permanently mark safety glazing with certification label of the SGCC or another certification agency acceptable to authorities having jurisdiction. Label must indicate manufacturer's name, type of glass, thickness, and safety glazing standard with which glass complies.
3. Tint: Clear.

## 2.4 HARDWARE

- A. Provide manufacturer's standard hardware, fabricated from a corrosion-resistant material compatible with door panels and other components, and complying with AAMA 907. Provide hardware designed to smoothly operate, tightly close, and securely lock multipanel folding aluminum-framed glass doors. Size hardware to accommodate panel weights and dimensions. Provide full-perimeter weatherstripping for each door panel.
- B. Panel Support System: Provide panel support system designed for size, weight, and performance requirements of multipanel folding aluminum-framed glass doors indicated. Provide carriers with sealed ball bearings.
  1. Overhead Supported: Provide multiwheeled overhead carriers suspended from steel or aluminum track, with lower guide system engaged in threshold for smooth operation. Limit track deflection to no more than 0.10 inch between supports when fully loaded.
  2. Bottom Supported: Provide carrier system designed to roll on track within threshold, with overhead wheeled guide that engages upper track.
  3. Adjustment: Provide panel support system capable of being adjusted for smooth operation and clearances without needing to remove panels from tracks.
  4. Threshold Configuration: Extruded-aluminum threshold with low profile, compliant with United States Access Board's "Americans with Disabilities Act (ADA) and Architectural Barriers Act (ABA) Accessibility Guidelines".
    - a. Aluminum Finish: To match panel.
- C. Panel Hinges: Stainless steel, multileaf hinge with painted finish to match exterior. Provide integral hangers and guides for hinges that engage panel support system.
- D. Locking System:
  1. Primary Entrance Panel: Provide manufacturer's standard keyed multipoint locking device, with lever handles on the interior and exterior that operate dead bolt and concealed top and bottom rods.
  2. Secondary Entrance Panel: Provide dummy trim on interior and exterior with concealed automatic flush bolts.
  3. Panel Pairs: Provide manufacturer's standard handles and two-point locking device that operates concealed top and bottom rods at each panel pair.
  4. Trim Design: As selected from manufacturer's full range.
    - a. Finish: As selected from manufacturer's full range of finishes.
  5. Cylinders: Manufacturer's standard.

## 2.5 ACCESSORIES

- A. Trim: Provide interior and exterior casings, jamb extensions, and other components in material and finish to match door frames.

- B. Fasteners: Noncorrosive and compatible with door members, trim, hardware, anchors, and other components.
  - 1. Exposed Fasteners: Do not use exposed fasteners to the greatest extent possible. For application of hardware, use fasteners that match finish hardware being fastened.
- C. Anchors, Clips, and Accessories: Provide anchors, clips, and accessories of aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron for multipanel folding aluminum-framed glass doors, complying with ASTM B456 or ASTM B633 for SC 3 severe service conditions; provide sufficient strength to withstand design pressure indicated.
  - 1. Windborne-Debris Resistance: Provide anchors of same design used in windborne-debris resistance testing.

## 2.6 INSECT SCREENS

- A. Screen Fabric: Provide screen mesh of PVC-coated, glass-fiber threads; woven and fused to form a fabric mesh resistant to corrosion, shrinkage, stretch, impact damage, and weather deterioration; and complying with ASTM D3656/D3656M.
  - 1. Fabric Color: Charcoal gray.
- B. Pleated Insect Screen: Screen suspended from the top, with bottom guide, and finish as selected from manufactures' standard colors. Provide single- or two-function operation with screen meeting rails at same location as primary entrance of door.
- C. Coiling Insect Screen: Coiling screen housed in jamb-mounted cartridge, guided by upper and lower tracks. Finish as selected from manufactures' standard colors. Provide single- or two-function operation with screen meeting rails at same location as primary entrance of door.

## 2.7 FABRICATION

- A. Complete fabrication, assembly, finishing, hardware application, and other work in the factory to greatest extent possible. Disassemble components only as necessary for shipment and installation.
- B. Factory-Glazed Fabrication: Glaze sliding aluminum-framed glass doors in the factory.

## 2.8 GENERAL FINISH REQUIREMENTS

- A. Appearance of Finished Work: Noticeable variations in same piece are unacceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

## 2.9 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.
- B. Color Anodic Finish: AAMA 611, AA-M12C22A42/A44, Class I, 0.018 mm or thicker.

1. Color: As selected by Architect from full range of industry colors and color densities.
- C. Baked-Enamel or Powder-Coat Finish: AAMA 2603, except with a minimum dry film thickness of **1.5 mils**. Comply with coating manufacturer's written instructions for cleaning, conversion coating, and applying and baking finish.
  1. Color and Gloss: As selected by Architect from manufacturer's full range.
- D. Superior-Performance Organic Finish, Two-Coat FEVE: Fluoropolymer finish complying with AAMA 2605.
  1. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions for seacoast and severe environments.
  2. Color and Gloss: As selected by Architect from manufacturer's full range.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of Work.
- B. Verify rough opening dimensions, levelness of threshold substrate, and operational clearances.
- C. Examine wall flashings, vapor retarders, water and weather barriers, and other built-in components to ensure a coordinated, weathertight hinged-door installation.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

#### 3.2 INSTALLATION

- A. Comply with Drawings, Shop Drawings, and manufacturer's written instructions for installing multipanel folding aluminum-framed glass doors, hardware, accessories, and other components.
- B. Windborne-Debris Resistance: Anchor multipanel folding aluminum-framed glass doors that have been tested for windborne-debris resistance to structure, using anchoring method, fastener type, and fastening frequency identical to that used in windborne-debris resistance testing.
- C. Install multipanel folding aluminum-framed glass doors level, plumb, square, true to line; without distortion, warp, or rack of frames and panels, and without impeding thermal movement; anchored securely in place to structural support; and in proper relation to wall flashing, vapor retarders, air barriers, water/weather barriers, and other adjacent construction.
- D. Set threshold members in bed of sealant or with gaskets, as indicated, to provide weathertight construction.



- E. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.

### 3.3 FIELD QUALITY CONTROL

- A. Testing Agency: Engage a qualified testing agency to perform tests and inspections.
  - 1. Testing and inspecting agency will interpret tests and state in each report whether tested work complies with or deviates from requirements.
- B. Testing Services: Test and inspect installed multipanel folding aluminum-framed glass doors as follows:
  - 1. Testing Methodology: Test multipanel folding aluminum-framed glass doors for air infiltration and water resistance in accordance with AAMA 502.
  - 2. Air-Infiltration Testing:
    - a. Test Pressure: That required to determine compliance with AAMA/WDMA/CSA 101/I.S.2/A440 performance class indicated.
    - b. Allowable Air-Leakage Rate: 1.5 times the applicable AAMA/WDMA/CSA 101/I.S.2/A440 rate for product type and performance class rounded down to one decimal place.
  - 3. Water-Resistance Testing:
    - a. Test Pressure: Two-thirds times test pressure required to determine compliance with AAMA/WDMA/CSA 101/I.S.2/A440 performance grade indicated.
    - b. Allowable Water Infiltration: No water penetration.
  - 4. Testing Extent: Three multipanel folding aluminum-framed glass doors of each type as selected by Architect and a qualified independent testing and inspecting agency. Conduct tests after perimeter sealants have cured.
  - 5. Test Reports: Prepared in accordance with AAMA 502.
- C. Multipanel folding aluminum-framed glass door will be considered defective if it does not pass tests and inspections.

### 3.4 ADJUSTING

- A. Adjust hardware for proper alignment, smooth operation, and proper latching without unnecessary force or excessive clearance.
- B. Adjust hardware and operable panels to function smoothly, and lubricate as recommended by manufacturer.

### 3.5 CLEANING

- A. Clean exposed surfaces immediately after installation. Avoid damaging protective coatings and finishes. Remove nonpermanent labels, excess sealants, glazing materials, dirt, and other substances.
- B. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

3.6 PROTECTION

- A. Protect multipanel folding aluminum-framed glass door surfaces from contact with contaminating substances resulting from construction operations. Remove contaminants immediately according to manufacturer's written instructions.
- B. Refinish or replace folding aluminum-framed glass doors with damaged finishes.

END OF SECTION 083513.13

# ELECTRICAL LEGEND

GENERAL NOTES	RECEPTACLES	CCTV SYSTEM																											
<p>1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.</p> <p>2. DEVICES NOTED AS "GFI" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES.</p> <p>3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.</p> <p>4. PROVIDED UNSWITCHED POWER TO EMERGENCY BATTERY PACKS.</p> <p>5. "W/E" INDICATES DEVICE/DISCONNECT PROVIDED WITH THE EQUIPMENT BY OTHERS.</p> <p><b>LUMINAIRES (See Light Fixture Schedule)</b></p> <p>NOTE: THE NUMBER INSIDE THE CIRCLE IS THE CIRCUIT NUMBER. THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.</p> <p>2'x2' RECESSED FIXTURE.</p> <p>2'x4' RECESSED FIXTURE.</p> <p>2'x4' RECESSED FIXTURE WITH FLIGHT AIR COMPATIBILITY.</p> <p>2'x2' RECESSED EMERGENCY FIXTURE.</p> <p>2'x4' RECESSED EMERGENCY FIXTURE.</p> <p>SURFACE MOUNTED OR SUSPENDED FIXTURE WITH FLIGHT AIR COMPATIBILITY.</p> <p>SURFACE MOUNTED OR SUSPENDED FIXTURE.</p> <p>SURFACE MOUNTED OR SUSPENDED EMERGENCY FIXTURE.</p> <p>RECESSED CEILING FIXTURE.</p> <p>PENDANT MOUNT FIXTURE.</p> <p>WALL MOUNTED FIXTURE.</p> <p>CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>EXIT SIGN WITH EMERGENCY LIGHTING.</p> <p>WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p>	<p>DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPASH, WHERE THERE IS NO BACKSPASH MOUNT 6" ABOVE COUNTER. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45" A.F.F. TO CENTERLINE OF BOX.</p> <p>DUPLEX RECEPTACLE, NEMA 5-20R, FOR DRINKING FOUNTAIN FEED FROM GFCI BREAKER. MOUNTED IN ACCORDANCE WITH MANUFACTURER'S RUGH-IN REQUIREMENTS. VERIFY CONNECTION TYPE PRIOR TO BID. RECEPTACLE SHALL BE MOUNTED, CONCEALED BEHIND THE SHROUD OF THE DRINKING FOUNTAIN.</p> <p>DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED FLUSH IN THE CEILING UNLESS NOTED OTHERWISE.</p> <p>CARD READER.</p> <p>ELECTRIC DOOR STRIKE.</p> <p>INTERCOM SYSTEM</p> <p>CEILING SPEAKER.</p> <p>WALL MOUNT SPEAKER.</p> <p>CALL-IN SWITCH.</p> <p>INTERCOM MASTER STATION WITH DOOR RELEASE. DESKTOP MOUNT.</p> <p>CCTV SYSTEM</p> <p>CEILING MOUNTED CAMERA.</p> <p>WALL MOUNTED CAMERA.</p> <p>INSIDE CORNER MOUNTED CAMERA.</p> <p>OUTSIDE CORNER MOUNTED CAMERA.</p> <p>CONDUIT AND WIRING</p> <p>CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TIC SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.</p> <p>CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).</p> <p>CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.</p> <p><b>VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS</b></p> <table border="1"> <thead> <tr> <th>Voltage</th> <th>Circuit Length</th> <th>Conductor Size (AWG)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>&lt; 50'</td> <td>#12</td> </tr> <tr> <td>120</td> <td>&gt; 50'</td> <td>#10</td> </tr> <tr> <td>120</td> <td>&gt; 90'</td> <td>#8</td> </tr> <tr> <td>120</td> <td>&gt; 140'</td> <td>#6</td> </tr> <tr> <td>277</td> <td>&lt; 130'</td> <td>#12</td> </tr> <tr> <td>277</td> <td>&gt; 130'</td> <td>#10</td> </tr> <tr> <td>277</td> <td>&gt; 200'</td> <td>#8</td> </tr> <tr> <td>277</td> <td>&gt; 330'</td> <td>#6</td> </tr> </tbody> </table> <p><b>VOLTAGE DROP CHART NOTES:</b></p> <p>1) CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.</p> <p>2) DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.</p> <p>3) FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.</p>	Voltage	Circuit Length	Conductor Size (AWG)	120	< 50'	#12	120	> 50'	#10	120	> 90'	#8	120	> 140'	#6	277	< 130'	#12	277	> 130'	#10	277	> 200'	#8	277	> 330'	#6	<p>CEILING MOUNTED CAMERA.</p> <p>ACCESS CONTROL</p> <p>CARD READER.</p> <p>MAGNETIC LOCK.</p> <p>ELECTRIC DOOR STRIKE.</p> <p>ELECTRIC POWER HING TRANSFER DEVICE.</p> <p>DOOR SWITCH</p> <p>ACCESS CONTROL PANEL.</p> <p>INTRUSION DETECTION SYSTEM</p> <p>KEYPAD.</p> <p>INTRUSION DETECTION CONTROL PANEL.</p> <p>INTERCOM SYSTEM</p> <p>CEILING SPEAKER.</p> <p>HORN TYPE SPEAKER.</p> <p>WALL MOUNT SPEAKER.</p> <p>CALL-IN SWITCH.</p> <p>INTERCOM MASTER STATION WITH DOOR RELEASE. DESKTOP MOUNT.</p>
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SWITCHES	CONDUIT AND WIRING																												
<p>SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>DOUBLE-POLE, SINGLE-THROW, 30 AMP SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>THREE-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>AUTOMATIC WALL SWITCH, SENSORSWITCH #WSXA-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>AUTOMATIC WALL SWITCH WITH INTEGRAL 0-10V DIMMER. SENSORSWITCH #WSXA-PDT-D-VA OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>WALL SWITCH WITH INTEGRAL 0-10V DIMMER. FLIGHT AIR #FPOLA-25-DX-MVOLT-WH-G2 OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 12' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-9 OR APPROVED EQUAL.</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-10 OR APPROVED EQUAL.</p> <p>POWER PACK MOUNTED ABOVE CEILING. SENSORSWITCH #PP20 OR APPROVED EQUAL.</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 12' RADIAL COVERAGE. CEILING MOUNTED. FLIGHT AIR #RCMS-PDT-9-G2 OR APPROVED EQUAL.</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. FLIGHT AIR #RCMS-PDT-10-G2 OR APPROVED EQUAL.</p> <p>POWER PACK MOUNTED ABOVE CEILING. FLIGHT AIR #PP20-D-ER-G2 OR APPROVED EQUAL.</p>	<p>CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TIC SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.</p> <p>CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).</p> <p>CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.</p>																												
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<p>MANUAL PULL STATION. MOUNT 48" A.F.F. TO CENTERLINE OF BOX.</p> <p>STROBE. MOUNT 80" A.F.F. TO BOTTOM OF BOX.</p> <p>COMBINATION HORN AND STROBE. MOUNT 80" A.F.F. TO BOTTOM OF BOX.</p> <p>SMOKE DETECTOR.</p> <p>THERMAL DETECTOR.</p> <p>DUCT SMOKE DETECTOR IN RETURN DUCT.</p> <p>FIRE ALARM CONTROL PANEL. CIRCUIT BREAKER SHALL BE COLORED RED.</p> <p>FIRE ALARM ANNUNCIATOR PANEL.</p> <p>FIRE ALARM SPEAKER AND STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.</p> <p>FIRE ALARM STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.</p>																													
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<p>DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPASH, WHERE THERE IS NO BACKSPASH MOUNT 6" ABOVE COUNTER, WHERE TELEPHONE/DATA OUTLET IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45" A.F.F. TO CENTERLINE OF BOX.</p> <p>WIFI.</p>	<p>NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.</p> <p>PANELBOARD.</p>																												

CCTV SYSTEM
CEILING MOUNTED CAMERA.
ACCESS CONTROL
CARD READER.
MAGNETIC LOCK.
ELECTRIC DOOR STRIKE.
ELECTRIC POWER HING TRANSFER DEVICE.
DOOR SWITCH
ACCESS CONTROL PANEL.
INTRUSION DETECTION SYSTEM
KEYPAD.
INTRUSION DETECTION CONTROL PANEL.
INTERCOM SYSTEM
CEILING SPEAKER.
HORN TYPE SPEAKER.
WALL MOUNT SPEAKER.
CALL-IN SWITCH.
INTERCOM MASTER STATION WITH DOOR RELEASE. DESKTOP MOUNT.

CCTV SYSTEM
CEILING MOUNTED CAMERA.
WALL MOUNTED CAMERA.
INSIDE CORNER MOUNTED CAMERA.
OUTSIDE CORNER MOUNTED CAMERA.

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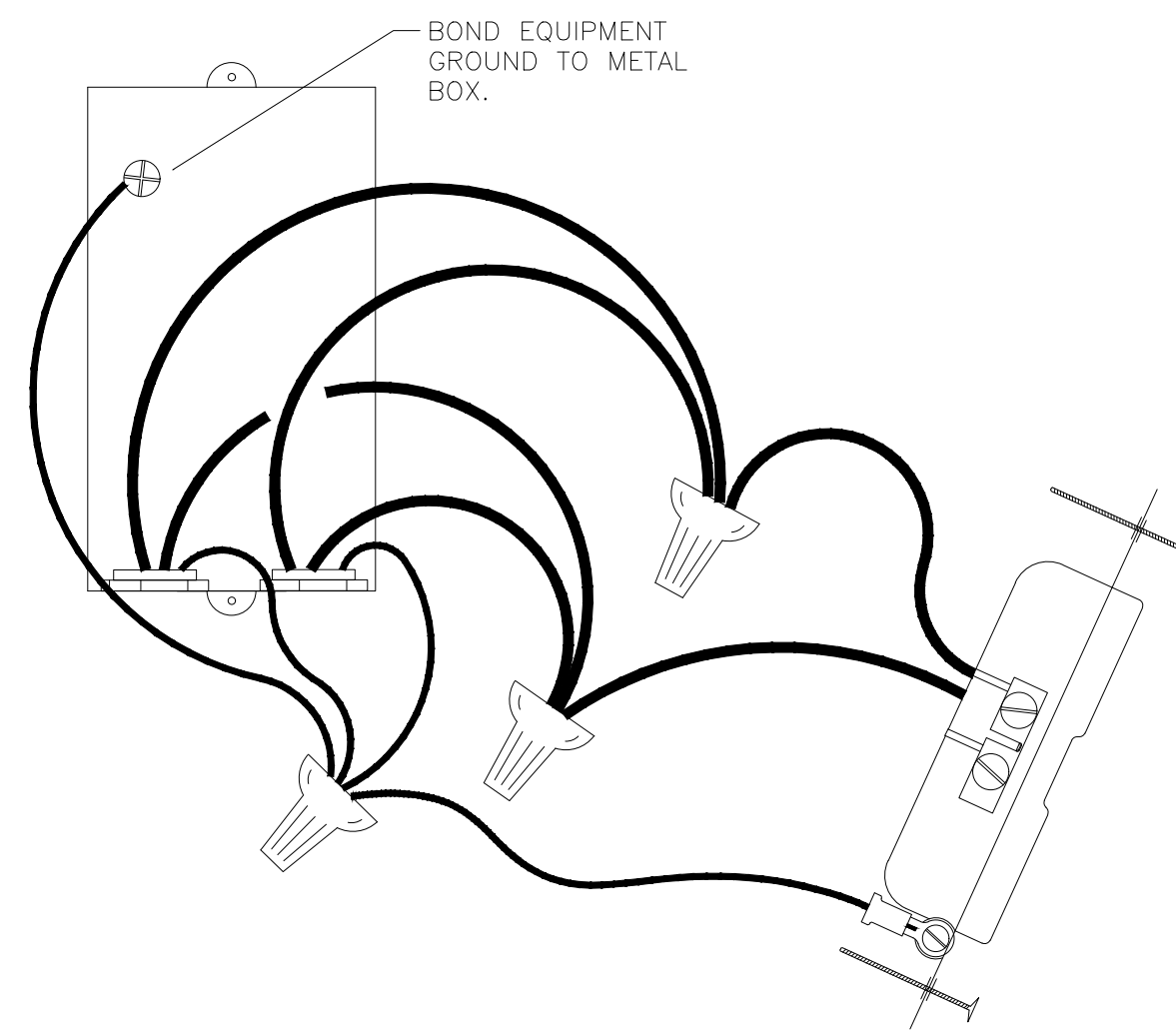
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**VOLTAGE DROP CHART NOTES:**

1) CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.

2) DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.

3) FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.



1 RECEPTACLE DETAIL Scale: NONE

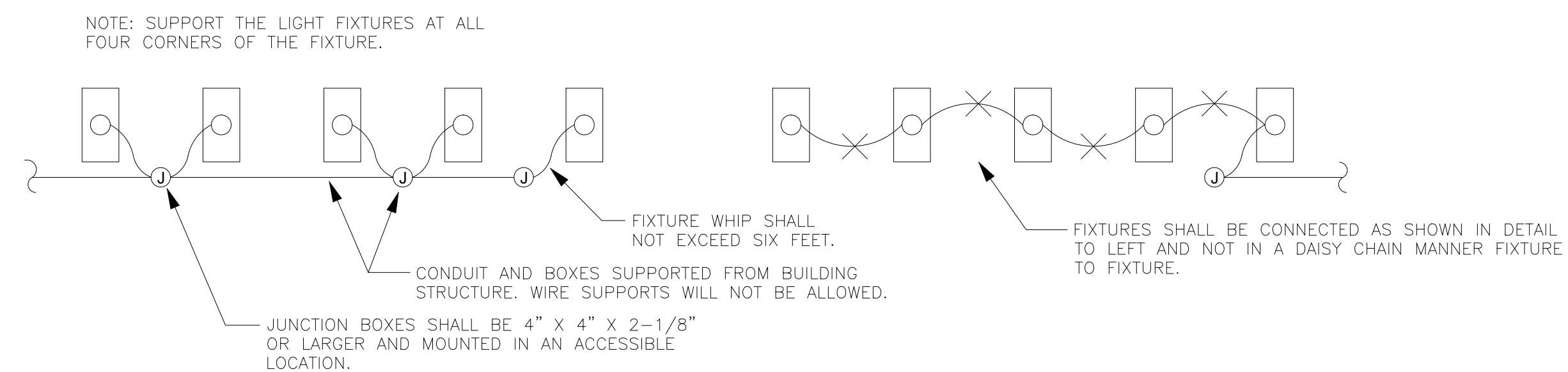
## LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	CPX-2X2-5000LM-80CRI-40K-SWL MN10-ZT-MVOLT	LED, 41W 5468 LUMENS	RECESSED GRID	2'x2' LED FLAT PANEL
AE	LITHONIA	CPX-2X2-5000LM-80CRI-40K-SWL MN10-ZT-MVOLT-E10WLCP	LED, 41W 5468 LUMENS	RECESSED GRID	2'x2' LED FLAT PANEL WITH 120V EMERGENCY BATTERY PACK.
B	LITHONIA	CPX-2X2-4000LM-80CRI-40K-SWL MN10-MVOLT	LED, 36W 4504 LUMENS	RECESSED GRID	2'x2' LED FLAT PANEL
BE	LITHONIA	CPX-2X2-4000LM-80CRI-40K-SWL MN10-ZT-MVOLT-E10WLCP	LED, 36W 4504 LUMENS	RECESSED GRID	2'x2' LED FLAT PANEL WITH 120V EMERGENCY BATTERY PACK.
C	LITHONIA	CPX-2X2-3200LM-80CRI-40K-SWL MN10-MVOLT	LED, 30W 3734 LUMENS	RECESSED GRID	2'x2' LED FLAT PANEL
CE	LITHONIA	CPX-2X2-3200LM-80CRI-40K-SWL MN10-ZT-MVOLT-E10WLCP	LED, 30W 3734 LUMENS	RECESSED GRID	2'x2' LED FLAT PANEL WITH 120V EMERGENCY BATTERY PACK.
D	LITHONIA	BLWP4-48L-ADSM-T-EZ1-LP840-NLTAIR2-RES7PDT	LED, 40W 5205 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND
DE	LITHONIA	BLWP4-48L-ADSM-T-EZ1-LP840-NLTAIR2-RES7PDTM-E10WLCP	LED, 40W 5205 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND WITH 120V EMERGENCY BATTERY PACK.
EM	LITHONIA	ELM4L	LED, 7W 640 LUMENS	WALL	LED EMERGENCY WALL PACK
F	LITHONIA	BLWP4-40L-ADSM-T-EZ1-LP840-NLTAIR2-RES7PDT	LED, 35W 4236 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND
FE	LITHONIA	BLWP4-40L-ADSM-T-EZ1-LP840-NLTAIR2-RES7PDTM-E10WLCP	LED, 35W 4236 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND WITH 120V EMERGENCY BATTERY PACK.
G	LITHONIA	BLWP4-30L-ADSM-T-EZ1-LP840	LED, 24W 3168 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND
GE	LITHONIA	BLWP4-30L-ADSM-T-EZ1-LP840-E10WLCP	LED, 24W 3168 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND WITH 120V EMERGENCY BATTERY PACK.
H	JUNO	JSF-13IN-18LM-40K-90CRI-MVOLT ZT-WH	LED, 20W 1800 LUMENS	SURFACE	LED SURFACE MOUNTED DOWNLIGHT
J	LITHONIA	BLWP4-40L-ADSM-T-EZ1-LP840	LED, 35W 4236 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND
JE	LITHONIA	BLWP4-40L-ADSM-T-EZ1-LP840-E10WLCP	LED, 35W 4236 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND WITH 120V EMERGENCY BATTERY PACK.
K	LITHONIA	BLWP2-8L-ADSM-T-EZ1-LP840	LED, 7W 825 LUMENS	SURFACE	2' LED WRAPAROUND
L	LITHONIA	ZL1N-148-5000LM-L/LENS-MVOLT 40K-80CRI-WH-HC36M12	LED, 34 W 4585 LUMENS	SURFACE/SUSPENDED	4' LED STRIP FIXTURE
LE	LITHONIA	ZL1N-148-5000LM-L/LENS-MVOLT 40K-80CRI-WH-E10WLCP-HC36M12	LED, 34 W 4585 LUMENS	SURFACE/SUSPENDED	4' LED STRIP FIXTURE WITH 120V EMERGENCY BATTERY PACK.
M	LITHONIA	WDGE2-P4-40K-80CRI-VF MVOLT-SRM-PBBW-PE-*	LED, 35W 4512 LUMENS	WALL	* COLOR BY ARCHITECT
N	LITHONIA	WDGE2-P3-40K-80CRI-VF MVOLT-SRM-PBBW-PE-*	LED, 23W 3213 LUMENS	WALL	* COLOR BY ARCHITECT
NE	LITHONIA	WDGE2-P3-40K-80CRI-VF MVOLT-SRM-PBBW-E10WH-PE-*	LED, 23W 3213 LUMENS	WALL	* COLOR BY ARCHITECT WITH 120V EMERGENCY BATTERY PACK.
P	LITHONIA	CPX-2X4-5000LM-80CRI-40K-SWL MN10-ZT-MVOLT	LED, 40W 5193 LUMENS	RECESSED GRID	2'x4' LED FLAT PANEL
PE	LITHONIA	CPX-2X4-5000LM-80CRI-40K-SWL MN10-ZT-MVOLT-E10WLCP	LED, 40W 5193 LUMENS	RECESSED GRID	2'x4' LED FLAT PANEL WITH 120V EMERGENCY BATTERY PACK.
PW	LITHONIA	CPX-2X4-5000LM-80CRI-40K-SWL MN10-ZT-MVOLT-NLTAIR2	LED, 40W 5193 LUMENS	RECESSED GRID	2'x4' LED FLAT PANEL NLIGHT AIR ENABLED FIXTURE
R	LITHONIA	CPX-2X4-3000LM-80CRI-40K-SWL MN10-ZT-MVOLT	LED, 25W 3368 LUMENS	RECESSED GRID	2'x4' LED FLAT PANEL
RE	LITHONIA	CPX-2X4-3000LM-80CRI-40K-SWL MN10-ZT-MVOLT-E10WLCP	LED, 25W 3368 LUMENS	RECESSED GRID	2'x4' LED FLAT PANEL WITH 120V EMERGENCY BATTERY PACK.
RW	LITHONIA	CPX-2X4-3000LM-80CRI-40K-SWL MN10-ZT-MVOLT	LED, 25W 3368 LUMENS	RECESSED GRID	2'x4' LED FLAT PANEL NLIGHT AIR ENABLED FIXTURE
SE	LITHONIA	BLWP4-48L-ADSM-T-EZ1-LP840-MESD07ADAX-E10WLCP	LED, 40W 5205 LUMENS	SURFACE/SUSPENDED	4' LED WRAPAROUND WITH 120V EMER. BATT. OCC. SENSOR, & DIMMING
X	LITHONIA	LQM-S-W-3-R-MVOLT-EL N	LED	UNIVERSAL	WITH 120V EMERGENCY BATTERY PACK.
XEM	LITHONIA	LHQM LED-R-HO	LED	CEILING	WITH 120V EMERGENCY BATTERY PACK.

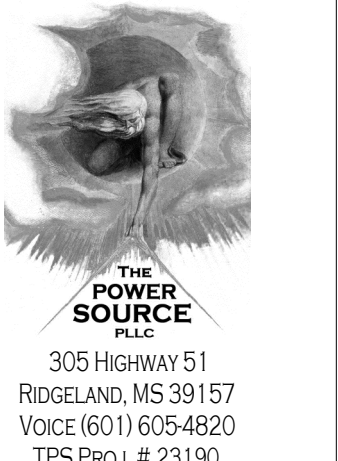
MASTER NOTES	
No.	Description
A.	THE CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, AND/OR LOCAL CODES. IF A DISCREPANCY BETWEEN CODES OCCURS, THE MOST STRINGENT SHALL PREVAIL.
B.	THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. SHOULD DISCREPANCIES BE DISCOVERED, THE CONTRACTOR SHALL VERIFY INTENT WITH THE ENGINEER/OWNER BEFORE PROCEEDING.
C.	COORDINATE LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION.
D.	COORDINATE ALL ROUGH-IN REQUIREMENTS FOR OWNER FURNISHED EQUIPMENT WITH THE OWNER PRIOR TO BEGINNING WORK. THESE DRAWINGS ARE BASED ON EXISTING BUILDING CONSTRUCTION DRAWINGS, SITE SURVEYS, AND OWNER FURNISHED EQUIPMENT SPECIFICATIONS.
E.	COORDINATE WITH THE MILLWORK CONTRACTOR TO DETERMINE THE EXACT LOCATION OF OUTLETS BEING PLACED IN MILLWORK.
F.	RECEPTACLES SHALL NOT BE CONNECTED IN A FEED-THRU MANNER. WIRE CONNECTIONS IN RECEPTACLE BOXES SHALL BE MADE IN A PIGTAIL MANNER AS SHOWN IN DETAIL 1E000.

### RECEPTACLE DETAIL NOTES:

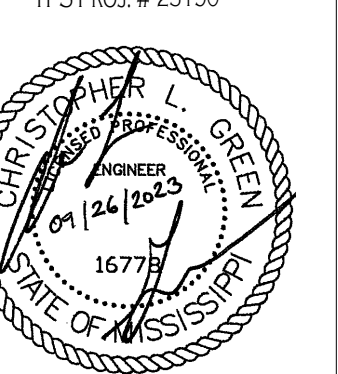
- THESE DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME OF DESIGN. COORDINATE WITH THE MILLWORK CONTRACTOR TO DETERMINE THE EXACT LOCATION OF OUTLETS BEING PLACED IN AND AROUND MILLWORK.
- RECEPTACLES SHOWN AS GFI MAY BE NON GFI TYPE RECEPTACLES IF FED FROM A 20/1 GFI BREAKER OR THE LOAD SIDE OF A GFI RECEPTACLE IN THE SAME ROOM, ON THE SAME CIRCUIT AND RATED 20 AMP FEED-THRU CAPACITY. COVER PLATES SHALL BE CLEARLY MARKED GFI.
- NON GFI RECEPTACLES SHALL NOT BE CONNECTED IN A FEED-THRU MANNER. WIRE CONNECTIONS IN RECEPTACLE BOXES SHALL BE MADE IN A PIGTAIL MANNER AS SHOWN IN RECEPTACLE DETAIL.



2 TYPICAL FIXTURE CONNECTION DETAIL Scale: NONE



**DALE BAILEY**  
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161 Lameuse St. Suite 201  
Biloxi, MS 39530  
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dalebaileyplans.com

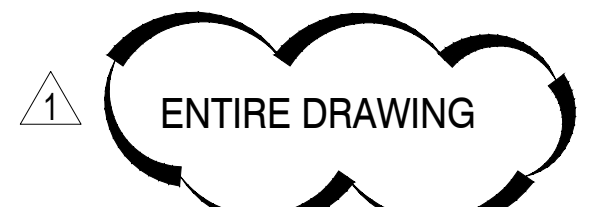
MPSD Carver Elementary Additions

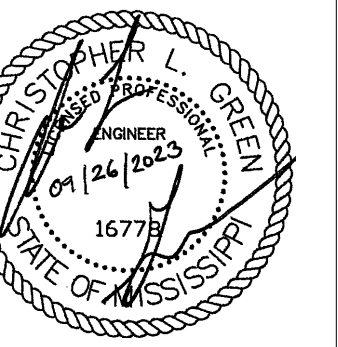
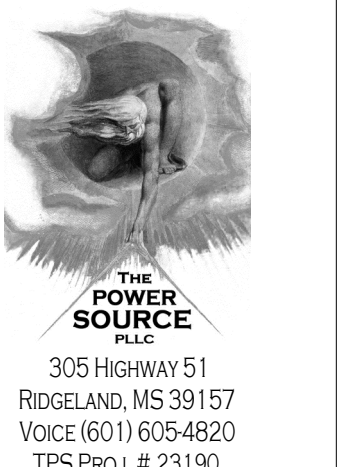
900 44th Ave, Meridian, MS 39307

### Construction Documents

Project No	22034.05
Date	09/26/2023
Drawn	HBS
Checked	CLG
Revision #	Date
ADDENDUM #1	10-11-2023

Magnolia Middle School  
**E000**  
ELECTRICAL LEGEND  
AND DETAILS





SEQUENCE OF OPERATION:

LIGHTS

- ALL FIXTURES ARE DIMMABLE
- ALL FIXTURES ARE CONTROLLED TOGETHER OR INDEPENDENTLY
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

OCCUPANCY

- FIXTURES MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%)
- FIXTURES AND PLUG LOAD AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT
- PLUG LOAD TURNS ON AUTOMATICALLY

DAYLIGHT

- SMOOTH CONTINUOUS DIMMING
- DAYLIGHT ZONES SIZES DEFINED BY WINDOW SIZE OR SKYLIGHT PLACEMENT (NOT SHOWN)
- NOT REQUIRED FOR AREAS WITHOUT WINDOWS OR THAT HAVE LOADS <150W IN SIDELIT ZONES

MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF ENTIRE ROOM
- TEACHER STATION WITH 4 PRESET SCENES
- RAISE/LOWER CONTROL NOT REQUIRED FOR SPACES WITH OCCUPANCY SENSORS BUT IS RECOMMENDED

ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NETWORK CONTROL OR TIME SCHEDULES (C405.2.2.1 - TIME-SWITCH CONTROLS), AND ALSO QUALIFY FOR ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE CONTROLLER
- WIRELESS FIXTURE EMBEDDED CONTROL AND OCCUPANCY/ DAYLIGHTING SENSOR OPTIONS AVAILABLE, PLEASE SEE THE FIXTURE SPECIFICATION SHEET
- NLIGHT ENABLED FIXTURES COMPLY WITH MONITORING AND CONFIGURATION REQUIREMENTS OF LUMINAIRE LEVEL LIGHTING CONTROLS (LLLC) (C405.2.5)
- FOR EMERGENCY LIGHTING CONTROL USE A POWER PACK WITH ER/EM OPTION OR NLIGHT ENABLED FIXTURE WITH EMERGENCY OPTION

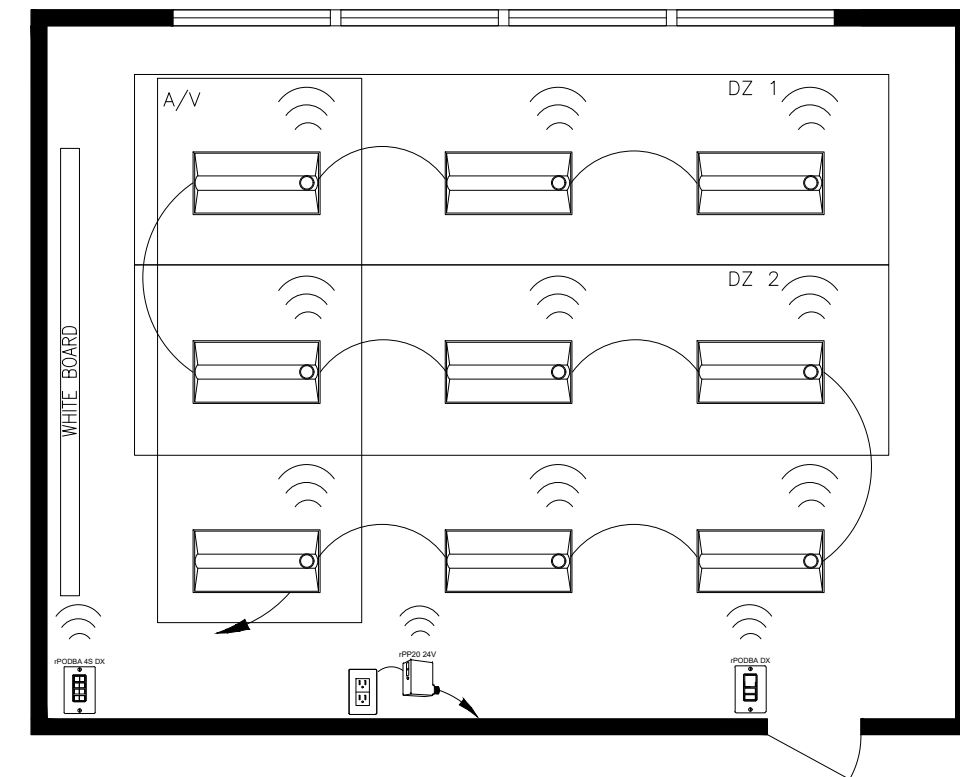
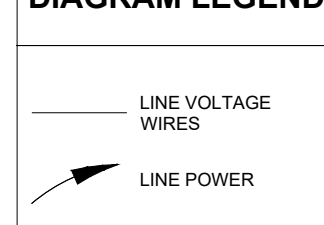


DIAGRAM LEGEND



BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
8	SEE NOTE	nLIGHT AIR ENABLED TROFFER w/ SENSOR OPTION
1	PP20 24V EFP G2	PLUG LOAD RELAY PACK
1	PP08A DX G2	BATTERY POWERED ON/OFF & RAISE/LOWER WALL POD
1	PP08A 48 DX G2	BATTERY POWERED TEACHER STATION & SCENE CONTROL MASTER ON/OFF RAISE/LOWER

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2021 CODE.

SUPPORTS THE FOLLOWING REQUIREMENTS:

- ✓ FULL AUTO-OFF VIA OCCUPANCY SENSOR (C405.2.1.1)
- ✓ LOCAL SWITCH (C405.2.2.3)
- ✓ LIGHTING REDUCTION (C405.2.2.2)
- ✓ ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)
- ✓ SIDELIGHT DAYLIGHT ZONE (C405.2.3.2)

1 TYPICAL WIRELESS CLASSROOM WITH nLIGHT AIR ENABLED FIXTURES

E001 Scale: NONE

SEQUENCE OF OPERATION:

LIGHTS

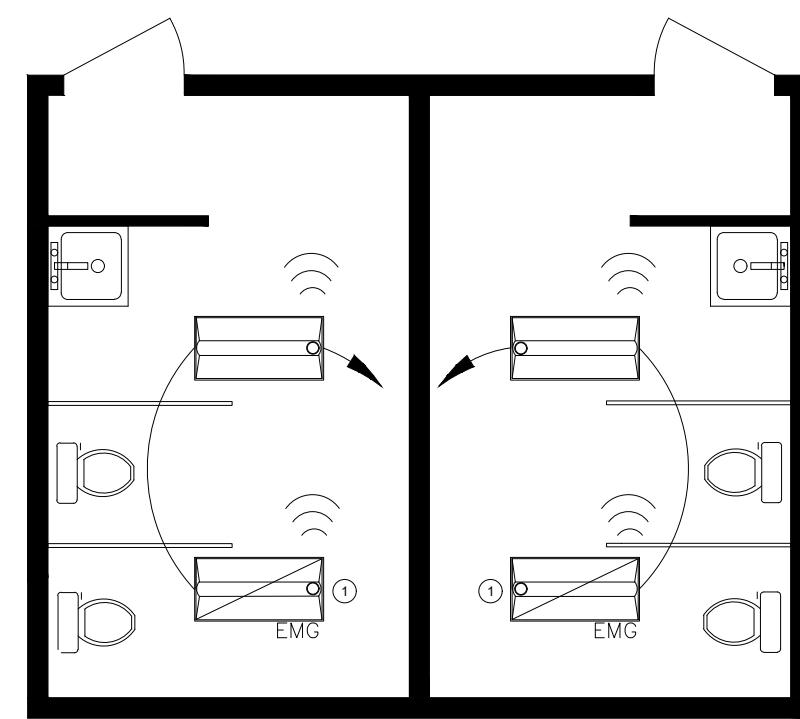
- ALL FIXTURES ARE DIMMABLE
- ALL FIXTURES ARE CONTROLLED TOGETHER OR INDEPENDENTLY (PER ROOM)
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

OCCUPANCY

- FIXTURES AUTOMATICALLY GO TO FULL BRIGHT WHEN OCCUPIED (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%)
- FIXTURES AUTOMATICALLY TURN OFF WHEN SPACE BECOMES VACANT

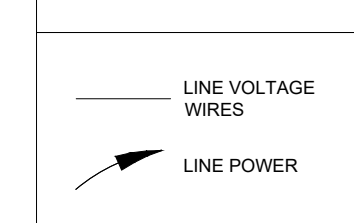
ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NETWORK CONTROL OR TIME SCHEDULES (C405.2.2.1 - TIME-SWITCH CONTROLS), AND ALSO QUALIFY FOR ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE CONTROLLER
- FIXTURE EMBEDDED CONTROL AND OCCUPANCY/ DAYLIGHTING SENSOR OPTIONS AVAILABLE, PLEASE SEE THE FIXTURE SPECIFICATION SHEET
- NLIGHT ENABLED FIXTURES COMPLY WITH MONITORING AND CONFIGURATION REQUIREMENTS OF LUMINAIRE LEVEL LIGHTING CONTROLS (LLLC) (C405.2.5)



① FIXTURE(S) ASSUMED TO INCLUDE EMERGENCY OPTION FOR BATTERY BACKUP OPTION. NO DEDICATED EM CIRCUIT NECESSARY. NLIGHT AIR DEVICES WITH AN EM OPTION MUST BE GROUPED WITH A NORMAL POWER SENSING DEVICE TO EXIT EMERGENCY OPERATION. SEE SPEC SHEET FOR DETAILS.

DIAGRAM LEGEND



BILL OF MATERIAL (per room)

QTY	PRODUCT #	DESCRIPTION
1	SEE NOTE	nLIGHT AIR ENABLED TROFFER w/ SENSOR OPTION
1	SEE NOTE	nLIGHT AIR ENABLED TROFFER w/ SENSOR and BATTERY OPTION

Note: Contact your local lighting agent for more information on nLight enabled fixtures. nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified in the IECC 2021 CODE.

SUPPORTS THE FOLLOWING REQUIREMENTS:

- ✓ FULL AUTO-OFF VIA OCCUPANCY SENSOR (C405.2.1.1)
- ✓ LOCAL SWITCH (C405.2.2.3)
- ✓ LIGHTING REDUCTION (C405.2.2.2)
- ✓ ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)

2 TYPICAL WIRELESS RESTROOM WITH nLIGHT AIR ENABLED FIXTURES

E001 Scale: NONE

SEQUENCE OF OPERATION:

LIGHTS

- ALL FIXTURES ARE DIMMABLE
- ALL FIXTURES ARE CONTROLLED TOGETHER
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

OCCUPANCY

- LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%)
- PLUG LOAD & LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT
- PLUG LOAD TURNS ON AUTOMATICALLY

DAYLIGHT

- NOT REQUIRED FOR OFFICES WITHOUT WINDOWS OR THAT HAVE LOADS <150W IN SIDELIGHT ZONES

MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF LIGHTS

ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NETWORK CONTROL OR TIME SCHEDULES (C405.2.2.1 - TIME-SWITCH CONTROLS), AND ALSO QUALIFY FOR ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE® CONTROLLER
- FOR EMERGENCY LIGHTING CONTROL USE A POWER PACK WITH ER/EM OPTION OR NLIGHT ENABLED FIXTURE WITH EMERGENCY OPTION

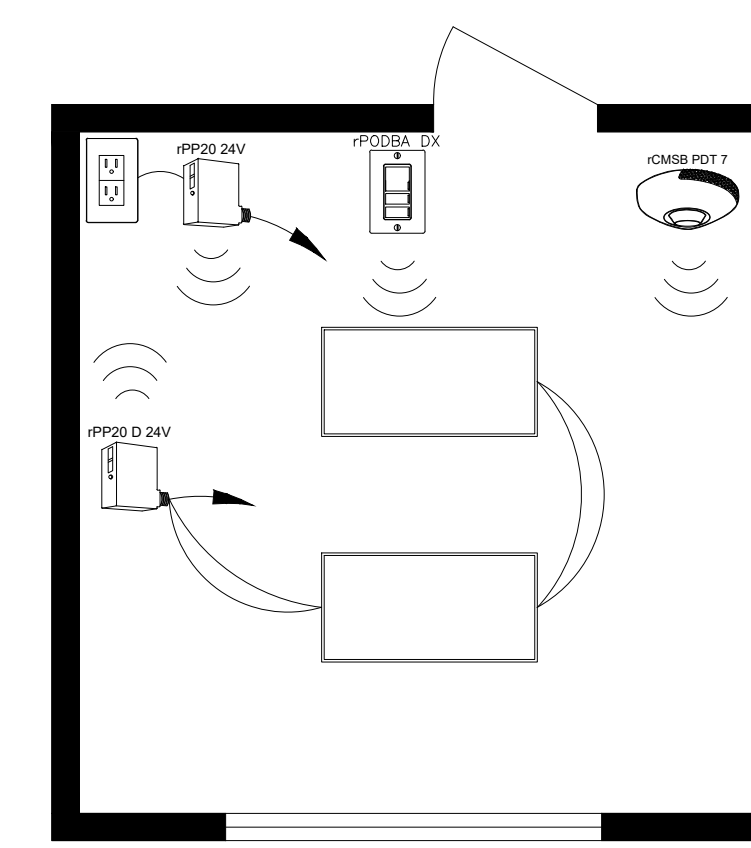
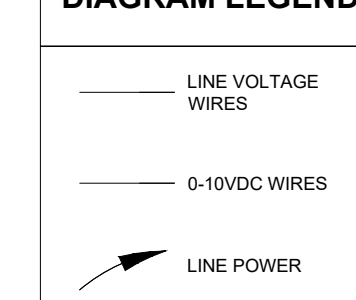


DIAGRAM LEGEND



BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
1	PP20 D 24V EFP G2	RELAY PACK WITH 0-10V DIMMING OUTPUT
1	PP20 24V EFP G2	PLUG LOAD RELAY PACK
1	PP08A DX G2	BATTERY POWERED ON/OFF & RAISE/LOWER WALL POD
1	CM5B PDT 7 G2	BATTERY POWERED OCCUPANCY SENSOR

SUPPORTS THE FOLLOWING REQUIREMENTS:

- ✓ FULL AUTO-OFF VIA OCCUPANCY SENSOR (C405.2.1.1)
- ✓ LOCAL SWITCH (C405.2.2.3)
- ✓ LIGHTING REDUCTION (C405.2.2.2)
- ✓ SIDELIGHT DAYLIGHT ZONE (C405.2.3.2)

3 TYPICAL WIRELESS OFFICE WITH nLIGHT AIR ENABLED FIXTURES

E001 Scale: NONE

SEQUENCE OF OPERATION:

LIGHTS

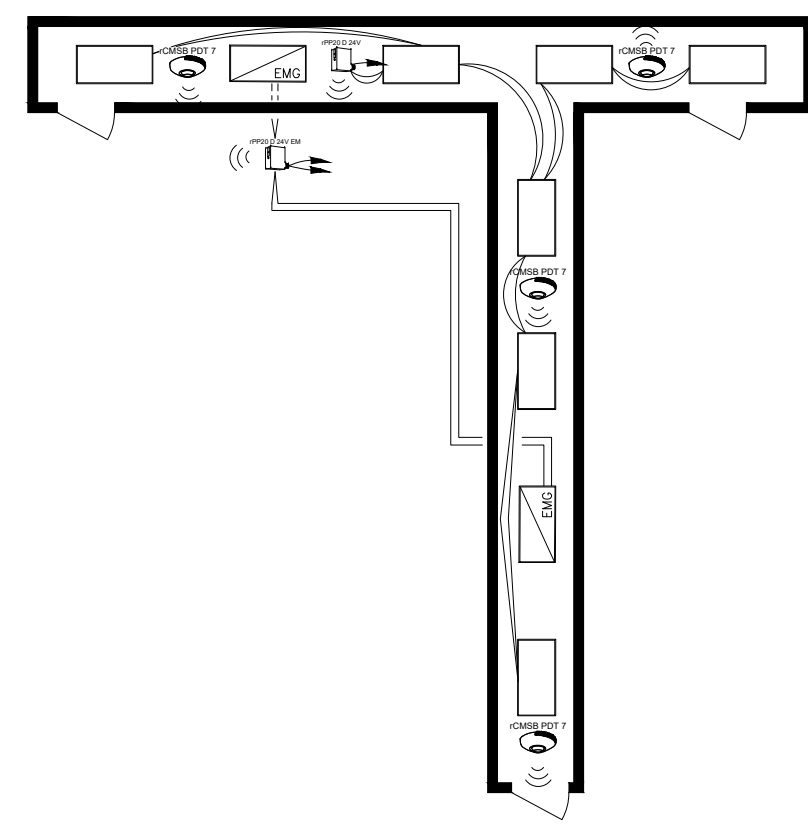
- ALL FIXTURES ARE DIMMABLE
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

OCCUPANCY

- FIXTURES AUTOMATICALLY GO TO FULL BRIGHT WHEN OCCUPIED
- FIXTURES AUTOMATICALLY TURN OFF OR OPTIONALLY CAN BE CONFIGURED TO DROP TO LOW DIM SETTING WHEN SPACE BECOMES VACANT

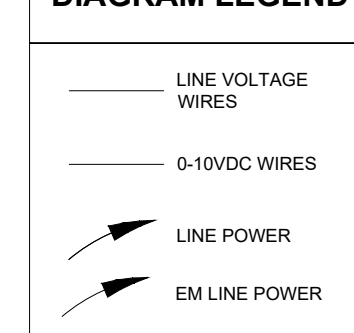
ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NETWORK CONTROL OR TIME SCHEDULES (C405.2.2.1 - TIME-SWITCH CONTROLS), AND ALSO QUALIFY FOR ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE CONTROLLER
- FOR EMERGENCY LIGHTING CONTROL USE A POWER PACK WITH ER/EM OPTION OR NLIGHT ENABLED FIXTURE WITH EMERGENCY OPTION



nLIGHT AIR DEVICES WITH AN EM OPTION MUST BE GROUPED WITH A NORMAL POWER SENSING DEVICE TO EXIT EMERGENCY OPERATION. SEE SPEC SHEET FOR DETAILS.

DIAGRAM LEGEND



BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
1	PP20 D 24V EFP G2	RELAY PACK WITH 0-10V DIMMING OUTPUT
1	PP20 D 24V EM EFP G2	EMERGENCY RELAY PACK WITH 0-10V DIMMING OUTPUT
4	CM5B PDT 7 G2	BATTERY POWERED OCCUPANCY SENSOR

SUPPORTS THE FOLLOWING REQUIREMENTS:

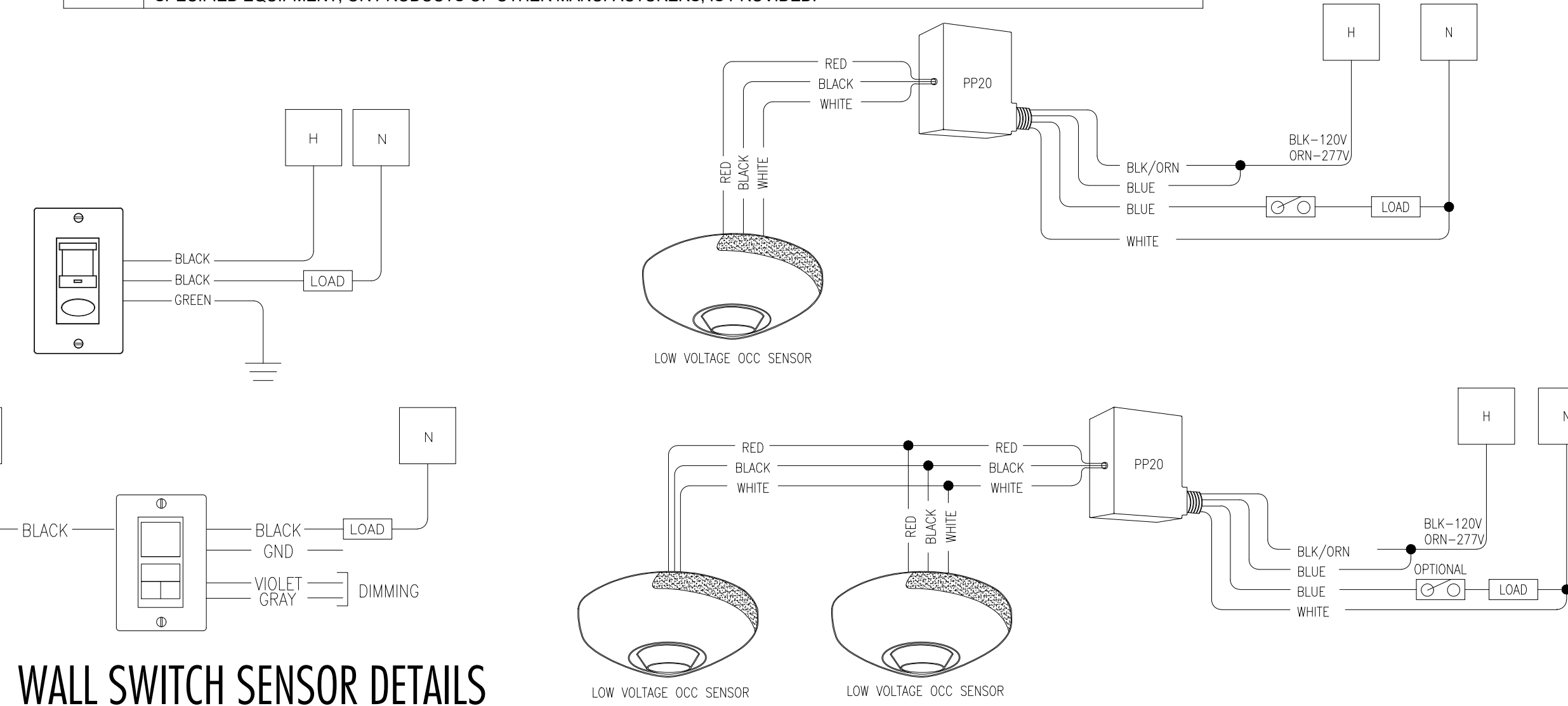
- ✓ FULL AUTO-OFF VIA OCCUPANCY SENSOR (C405.2.1.1)

4 TYPICAL WIRELESS CORRIDOR WITH nLIGHT AIR ENABLED FIXTURES

E001 Scale: NONE

LIGHTING CONTROL NOTES

Mark	Description
A.	THE WIRING DIAGRAMS ON THESE DRAWINGS ARE BASED ON OUR BEST INTERPRETATION OF THE MANUFACTURER'S DATA THAT WE COULD OBTAIN. HOWEVER, THEY SHALL NOT BE USED FOR SYSTEM INSTALLATION AND CONFIGURATION. THE CONTROLS EQUIPMENT VENDOR IS EXPECTED TO BE THOROUGHLY KNOWLEDGEABLE OF THE EQUIPMENT THAT IS BEING PROPOSED, AND SHALL PROVIDE DETAILED SHOP DRAWINGS TAILORED FOR EACH CIRCUIT AND LIGHTING ZONE ON THE PROJECT. GENERAL MANUFACTURER'S DATA SHEETS SHALL NOT BE ACCEPTABLE. THE SHOP DRAWINGS SHALL BE SUITABLE FOR THE INSTALLING ELECTRICIAN TO USE FOR COMPLETE INSTALLATION OF THE CIRCUITRY WITHOUT REFERRING TO DATA SHEETS OR INSTALLATION MANUALS FOR CONNECTION OF LIGHTING CONTROL EQUIPMENT. THESE REQUIREMENTS SHALL BE FOLLOWED WHETHER THE SPECIFIED EQUIPMENT, OR PRODUCTS OF OTHER MANUFACTURERS, IS PROVIDED.

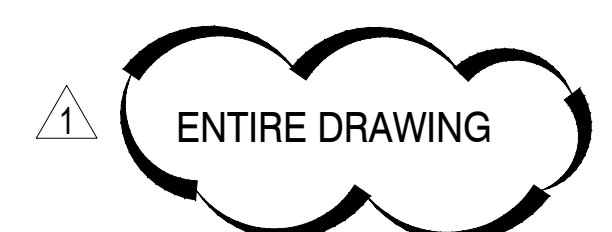


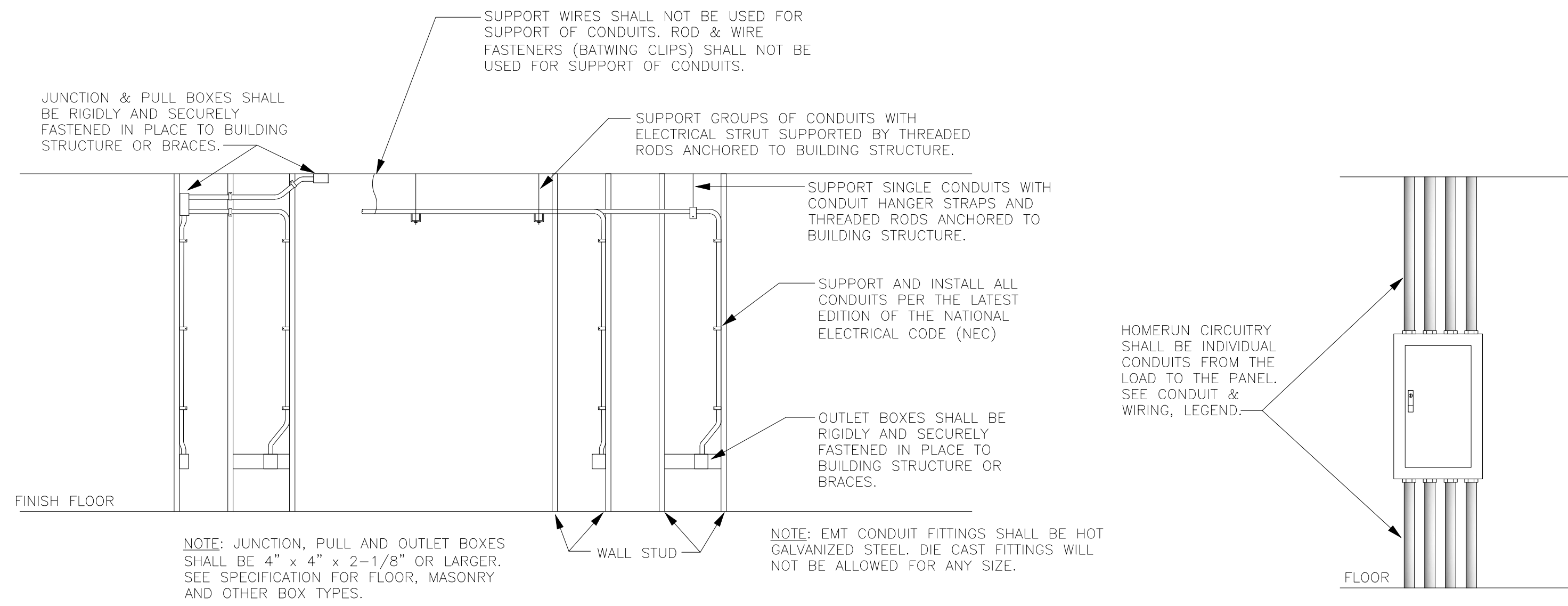
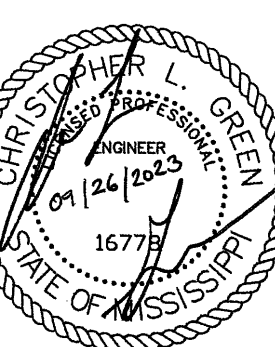
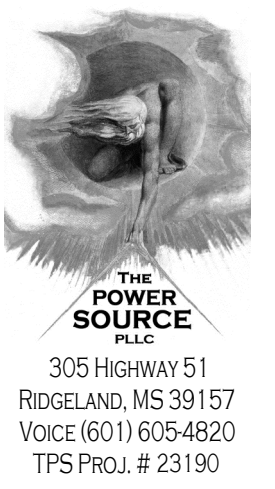
WALL SWITCH SENSOR DETAILS

CEILING SENSORS W/ POWER PACK DETAILS

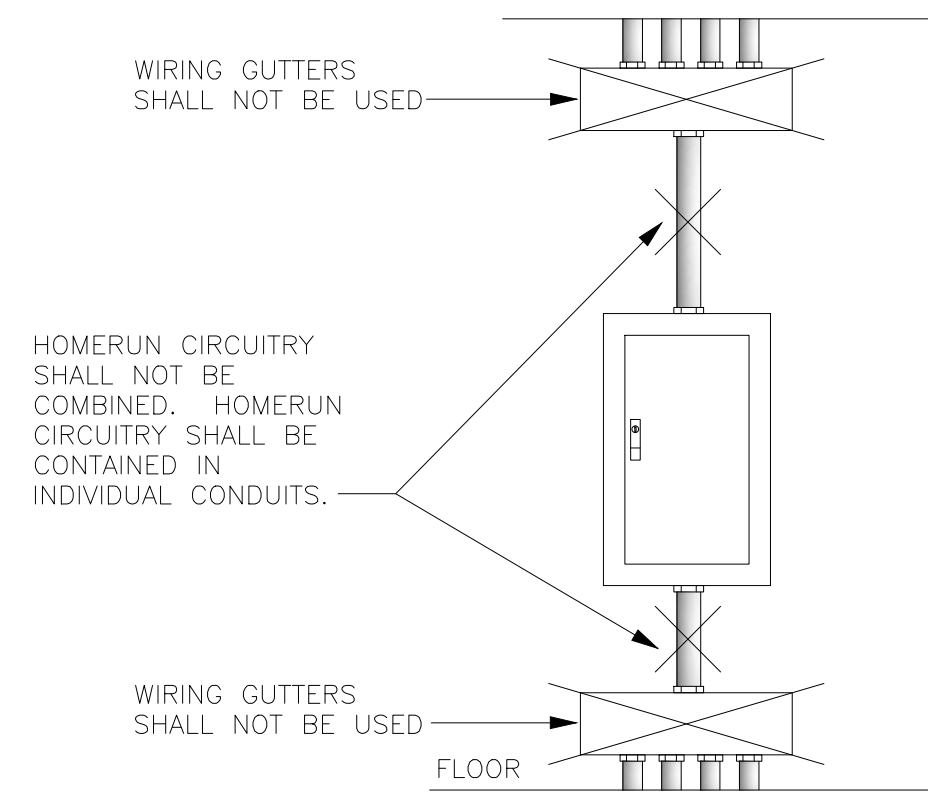
5 TYPICAL LIGHTING CONTROL DETAILS

E001 Scale: NONE



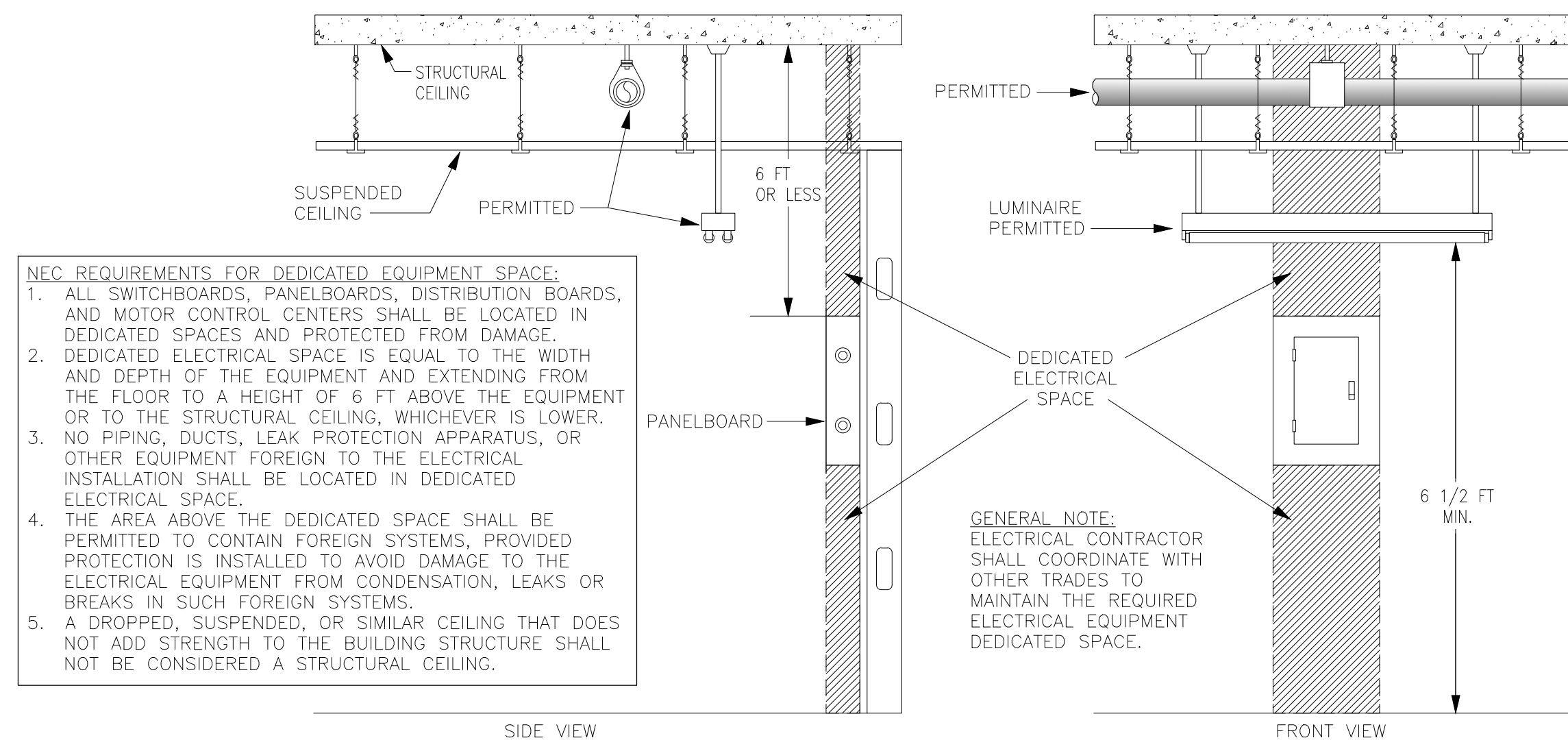


**1**  
E002  
**JUNCTION & OUTLET BOX DETAIL**  
Scale: NONE



**2**  
E002  
**HOMERUN DETAIL**  
Scale: NONE

- NOTES:
- HOMERUN CONDUITS SHALL BE SIZE 3/4" OR LARGER.
  - CONDUITS SHALL BE LIMITED TO THREE CURRENT CARRYING CONDUCTORS

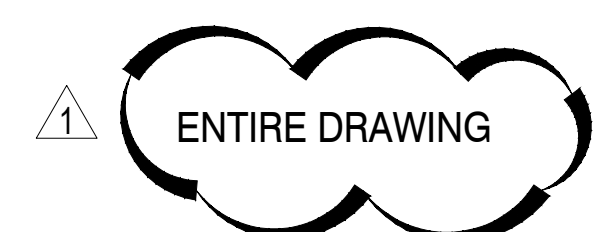


**3**  
E002  
**DEDICATED SPACE DETAIL**  
Scale: NONE

**MPSD Carver Elementary Additions**  
900 44th Ave, Meridian, MS 39307

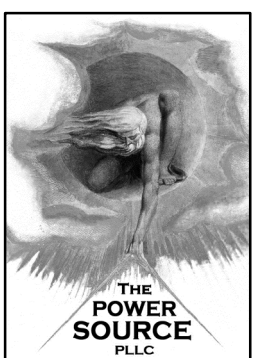
**Construction Documents**

Project No	22034.05
Date	09/26/2023
Drawn	HBS
Checked	CLG
Revision #	Date
ADDENDUM #1	10-11-2023

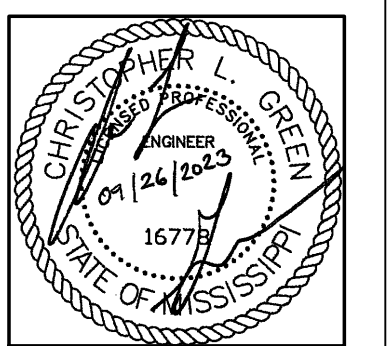


SECTION B  
SECTION A

SECTION B  
SECTION A



305 HIGHWAY 51  
RIDGELAND, MS 39157  
VOICE: (601) 656-8620  
TFS PROJ. # 23190



**DALE BAILEY**  
AN ASSOCIATION

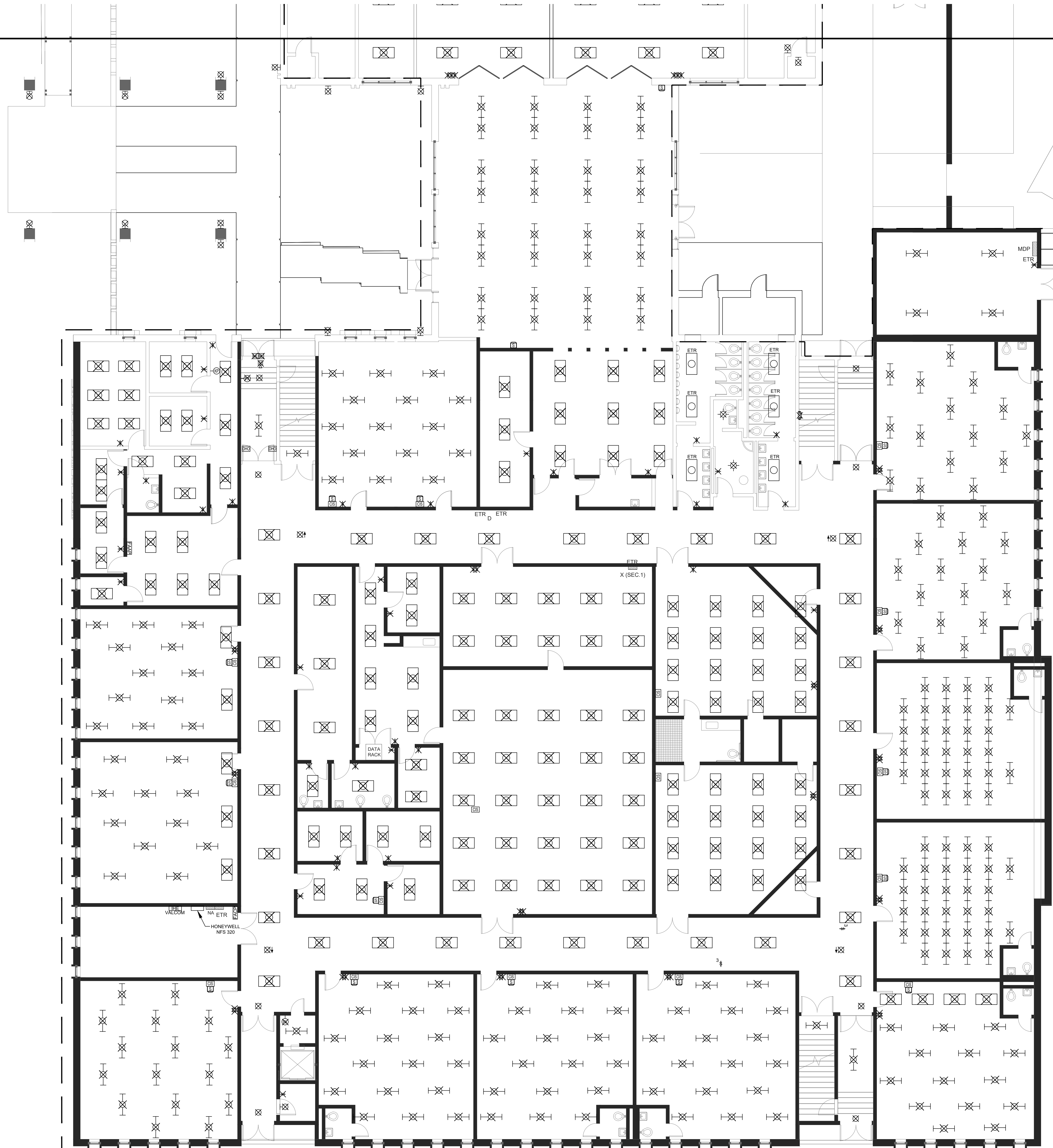
Architects

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Ridgeland, MS 39157  
p 601.790.9432

161 Lameuse St. Suite 201  
Biloxi, MS 39530  
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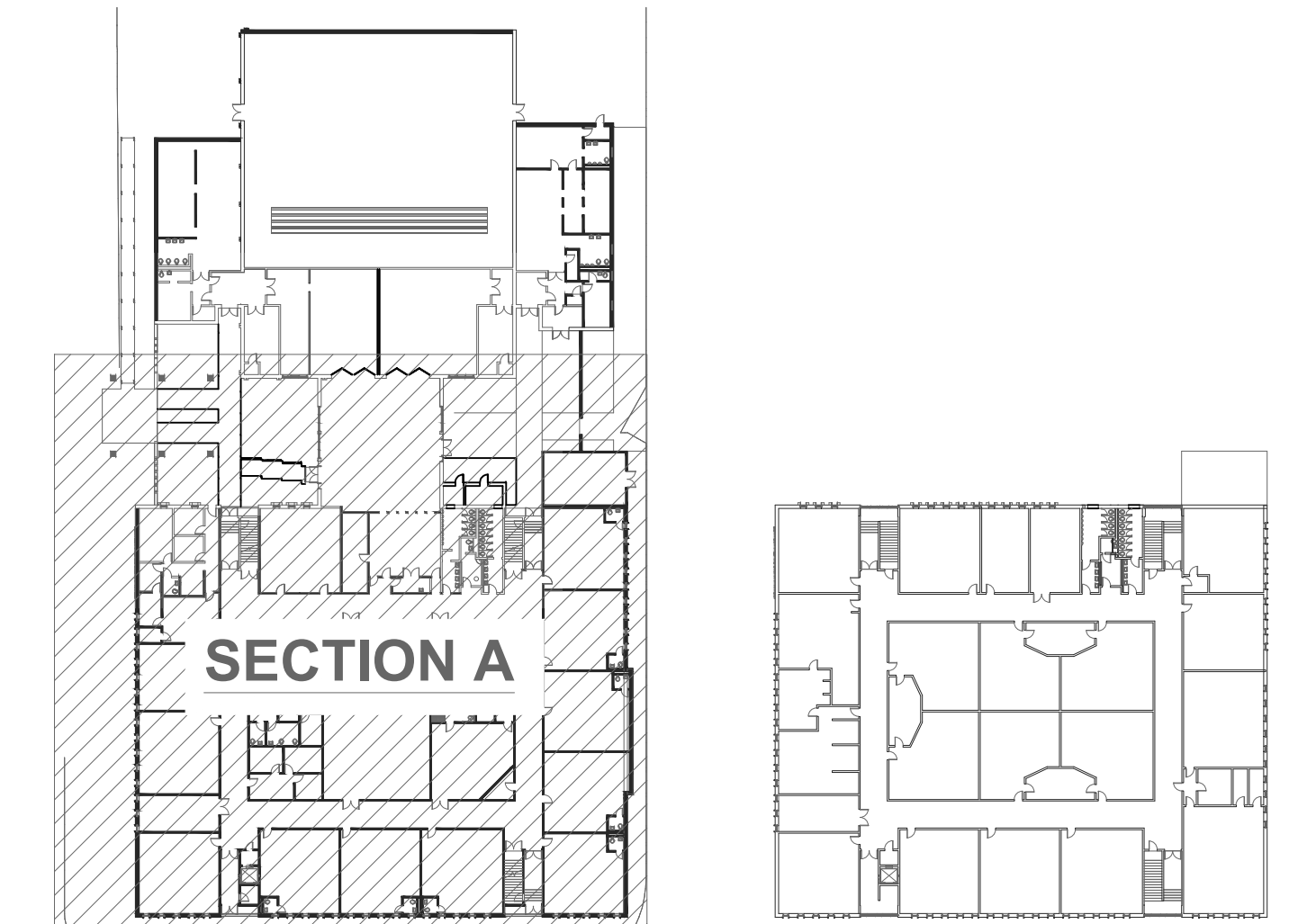
### GENERAL NOTES

Mark	Description
1.	INTERCOM SPEAKERS AND CALL-IN SWITCHES SHALL BE REUSED. REPLACE THE INTERCOM HEAD-END SYSTEM IN THE BASE BID. ALTERNATE #1 IS TO REPLACE LIGHTING AND LIGHTING CONTROLS ONLY.

NOTE:  
IF A KEYED NOTE IS NOT SHOWN ON A DRAWING, THEN THE KEYED NOTE SHALL BE IGNORED FOR THAT PARTICULAR DRAWING. THIS SHALL DIFFER FROM DRAWING TO DRAWING.

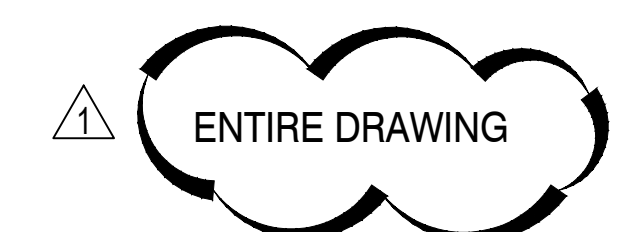
### GENERAL DEMOLITION NOTES

MARK	Description
ETR	EXISTING DEVICE TO REMAIN.
X	EXISTING DEVICE TO BE DEMOLISHED IN ITS ENTIRETY. IF THE DEVICE IS ON A DEDICATED CIRCUIT, THE CIRCUITRY SHALL BE DEMOLISHED BACK TO THE PANEL AND THE BREAKER LABELED AS "SPARE"
A.	PRIOR TO BEGINNING WORK, SURVEY EXISTING ELECTRICAL SYSTEMS. DOCUMENT, IN WRITING, SIGNED BY THE CONTRACTING OFFICER'S (OWNER'S) REPRESENTATIVE, ANY PORTIONS OF THE EXISTING SYSTEMS THAT ARE NOT OPERATING PROPERLY BEFORE CONSTRUCTION BEGINS. ANY ELECTRICAL SYSTEMS FOUND INOPERABLE AT THE END OF THE CONSTRUCTION PROCESS THAT HAVE NOT BEEN SO DOCUMENTED SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
B.	PRIOR TO BEGINNING THE DEMOLITION PROCESS, CONDUCT A COMPREHENSIVE SITE SURVEY WITH THE ASSISTANCE OF THE CONTRACTING OFFICER'S (OWNER'S) REPRESENTATIVE. IDENTIFY AND MARK ALL EXISTING EQUIPMENT TO REMAIN AND ALL EXISTING RACEWAYS AND CIRCUITRY THAT ARE PRESENTLY PASSING THROUGH THE CONSTRUCTION AREA THAT ARE FEEDING EXISTING EQUIPMENT TO REMAIN.
C.	REMOVE ELECTRICAL EQUIPMENT IN AREAS BEING DEMOLISHED. REMOVE RACEWAYS AND CIRCUITRY BACK TO THE PANEL OF ORIGIN. WHERE CIRCUITS ARE NOT BEING COMPLETELY DEMOLISHED, REMOVE RACEWAYS AND CIRCUITRY BACK TO A JUNCTION BOX OR OTHER COMMON CONNECTION POINT AND RE-CIRCUIT EXISTING ELECTRICAL EQUIPMENT TO REMAIN AS REQUIRED. WHERE NECESSARY, COMPLETELY REFEED EXISTING ELECTRICAL EQUIPMENT THAT IS TO REMAIN IF REQUIRED. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL EXISTING EQUIPMENT TO REMAIN BE KEPT COMPLETELY OPERABLE DURING CONSTRUCTION AND LEFT COMPLETELY OPERABLE AT THE END OF THE CONSTRUCTION PROCESS.
D.	THE ELECTRICAL EQUIPMENT SHOWN IS PROVIDED TO CONVEY THE APPROXIMATE SCOPE OF THE WORK. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL ELECTRICAL EQUIPMENT, RACEWAYS, AND CIRCUITRY IN THE AREA OF WORK BE DEMOLISHED UNLESS FEEDING EXISTING EQUIPMENT TO REMAIN.
E.	PERFORM DEMOLITION WORK AS FOLLOWS: 1. DEMOLISH DEVICE OR END OF LINE EQUIPMENT. 2. DEMOLISH RACEWAYS AND CIRCUITRY FEEDING END OF LINE EQUIPMENT (INCLUDING ALL RACEWAYS AND CIRCUITRY ASSOCIATED WITH CONTROLS). 3. LEAVE ALL RACEWAYS AND CIRCUITRY THAT COMPLETELY PASS-THROUGH THE SPACE COMPLETELY OPERABLE BY REROUTING THE CIRCUITS AS REQUIRED.



KEY PLAN

1 1ST FLOOR DEMOLITION PLAN - SECTION A  
ED-100 Scale: 1/8" = 1'-0"

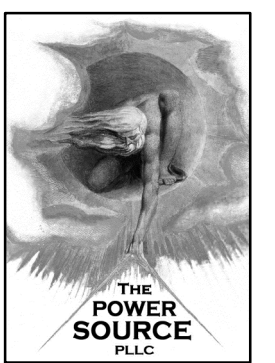


MPSD Carver Elementary Additions  
900 44th Ave, Meridian, MS 39307

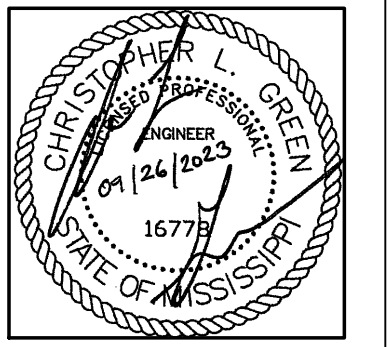
Construction Documents

Project No	22034.05
Date	09/26/2023
Drawn	HBS
Checked	CLG
Revision #	Date
ADDENDUM #1	10-11-2023

ED-100  
FIRST FLOOR DEMOLITION PLAN - SECTION A



305 HIGHWAY 51  
RIDGELAND, MS 39157  
VOICE (601) 625-4820  
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Architects

One Jackson Place 250  
188 East Capitol Street  
Jackson, MS 39201  
p 601.352.5411

201 Park Court Suite B  
Ridgeland, MS 39157  
p 601.790.9432

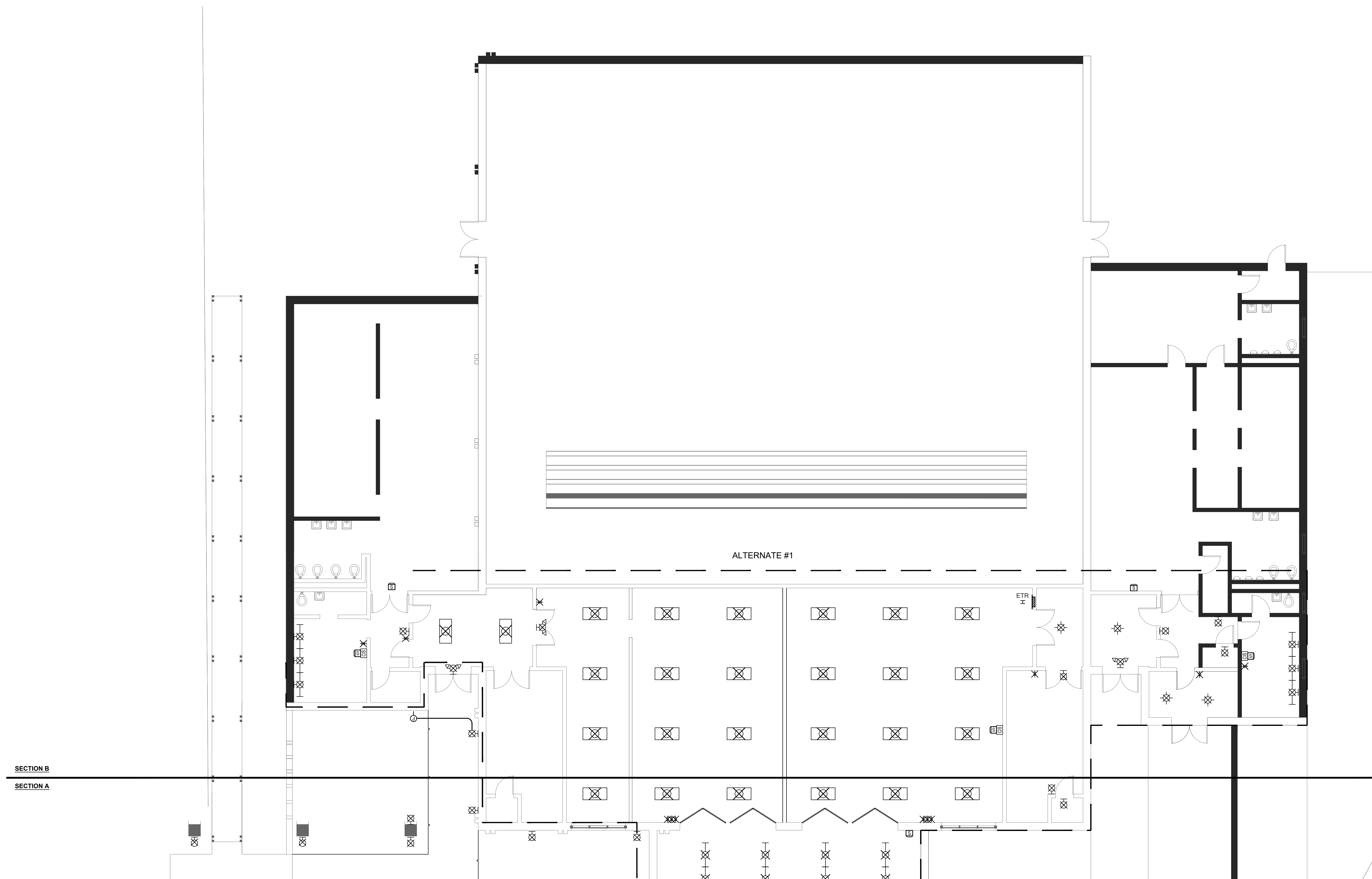
161 Lameuse St. Suite 201  
Biloxi, MS 39530  
p 228.374.1409

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Construction Documents

Project No 22034.05  
Date 09/26/2023  
Drawn HBS  
Checked CLG  
Revision # Date  
ADDENDUM #1 10-11-2023

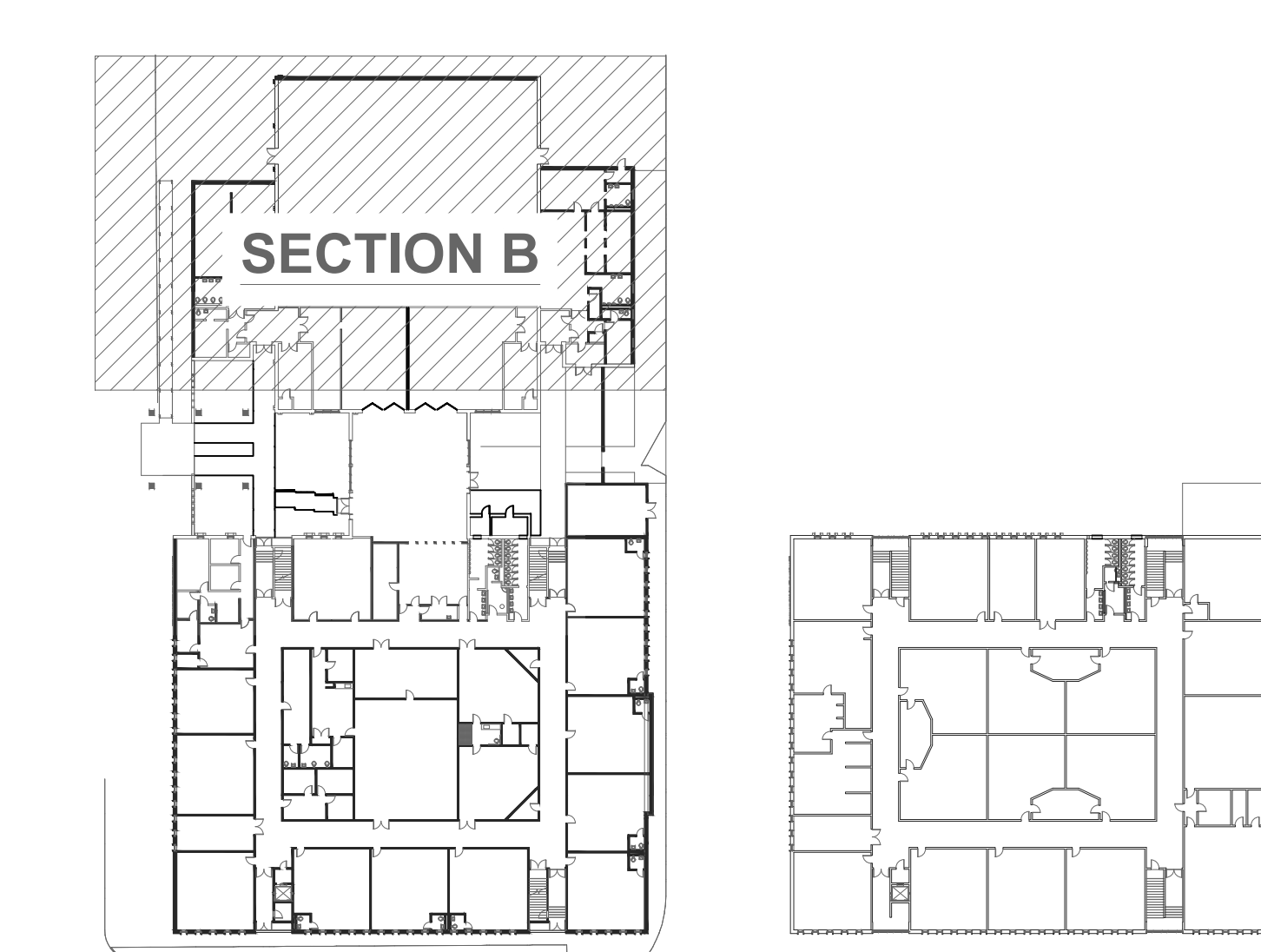
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FIRST FLOOR DEMOLITION PLAN - SECTION B



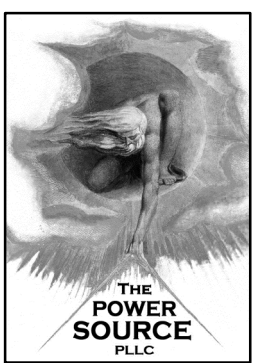
GENERAL NOTES	
Mark	Description
1.	INTERCOM SPEAKERS AND CALL-IN SWITCHES SHALL BE REUSED. REPLACE THE INTERCOM HEAD-END SYSTEM IN THE BASE BID. ALTERNATE #1 IS TO REPLACE LIGHTING AND LIGHTING CONTROLS ONLY.

NOTE:  
IF A KEYED NOTE IS NOT SHOWN ON A DRAWING, THEN THE KEYED NOTE SHALL BE IGNORED FOR THAT PARTICULAR DRAWING. THIS SHALL DIFFER FROM DRAWING TO DRAWING.

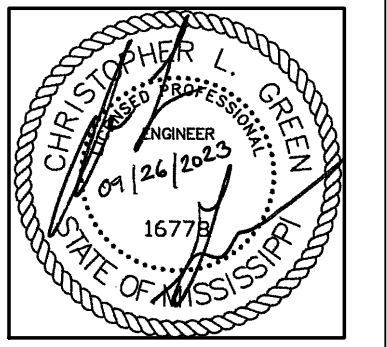
GENERAL DEMOLITION NOTES	
MARK	Description
ETR	EXISTING DEVICE TO REMAIN.
X	EXISTING DEVICE TO BE DEMOLISHED IN ITS ENTIRETY. IF THE DEVICE IS ON A DEDICATED CIRCUIT, THE CIRCUITRY SHALL BE DEMOLISHED BACK TO THE PANEL AND THE BREAKER LABELED AS 'SPARE'.
A.	PRIOR TO BEGINNING WORK, SURVEY EXISTING ELECTRICAL SYSTEMS. DOCUMENT, IN WRITING, SIGNED BY THE CONTRACTING OFFICER'S (OWNER'S) REPRESENTATIVE, ANY PORTIONS OF THE EXISTING SYSTEMS THAT ARE NOT OPERATING PROPERLY BEFORE CONSTRUCTION BEGINS. ANY ELECTRICAL SYSTEMS FOUND INOPERABLE AT THE END OF THE CONSTRUCTION PROCESS THAT HAVE NOT BEEN SO DOCUMENTED SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
B.	PRIOR TO BEGINNING THE DEMOLITION PROCESS, CONDUCT A COMPREHENSIVE SITE SURVEY WITH THE ASSISTANCE OF THE CONTRACTING OFFICER'S (OWNER'S) REPRESENTATIVE. IDENTIFY AND MARK ALL EXISTING EQUIPMENT TO REMAIN AND ALL EXISTING RACEWAYS AND CIRCUITRY THAT ARE PRESENTLY PASSING THROUGH THE CONSTRUCTION AREA THAT ARE FEEDING EXISTING EQUIPMENT TO REMAIN.
C.	REMOVE ELECTRICAL EQUIPMENT IN AREAS BEING DEMOLISHED, AND ELECTRICAL EQUIPMENT FEEDING OTHER EQUIPMENT BEING DEMOLISHED. REMOVE RACEWAYS AND CIRCUITRY BACK TO THE PANEL OF ORIGINATION, WHERE CIRCUITS ARE NOT BEING COMPLETELY DEMOLISHED, REMOVE RACEWAYS AND CIRCUITRY BACK TO A JUNCTION BOX OR OTHER COMMON CONNECTION POINT AND RE-CIRCUIT EXISTING ELECTRICAL EQUIPMENT TO REMAIN AS REQUIRED. WHERE NECESSARY, COMPLETELY REFEED EXISTING ELECTRICAL EQUIPMENT THAT IS TO REMAIN IF REQUIRED. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL EXISTING EQUIPMENT TO REMAIN BE KEPT COMPLETELY OPERABLE DURING CONSTRUCTION AND LEFT COMPLETELY OPERABLE AT THE END OF THE CONSTRUCTION PROCESS.
D.	THE ELECTRICAL EQUIPMENT SHOWN IS PROVIDED TO CONVEY THE APPROXIMATE SCOPE OF THE WORK. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL ELECTRICAL EQUIPMENT, RACEWAYS, AND CIRCUITRY IN THE AREA OF WORK BE DEMOLISHED UNLESS FEEDING EXISTING EQUIPMENT TO REMAIN.
E.	PERFORM DEMOLITION WORK AS FOLLOWS: 1. DEMOLISH DEVICE OR END OF LINE EQUIPMENT 2. DEMOLISH RACEWAYS AND CIRCUITRY FEEDING END OF LINE EQUIPMENT (INCLUDING ALL RACEWAYS AND CIRCUITRY ASSOCIATED WITH CONTROLS). 3. LEAVE ALL RACEWAYS AND CIRCUITRY THAT COMPLETELY PASS-THROUGH THE SPACE COMPLETELY OPERABLE BY REROUTING THE CIRCUITS AS REQUIRED.



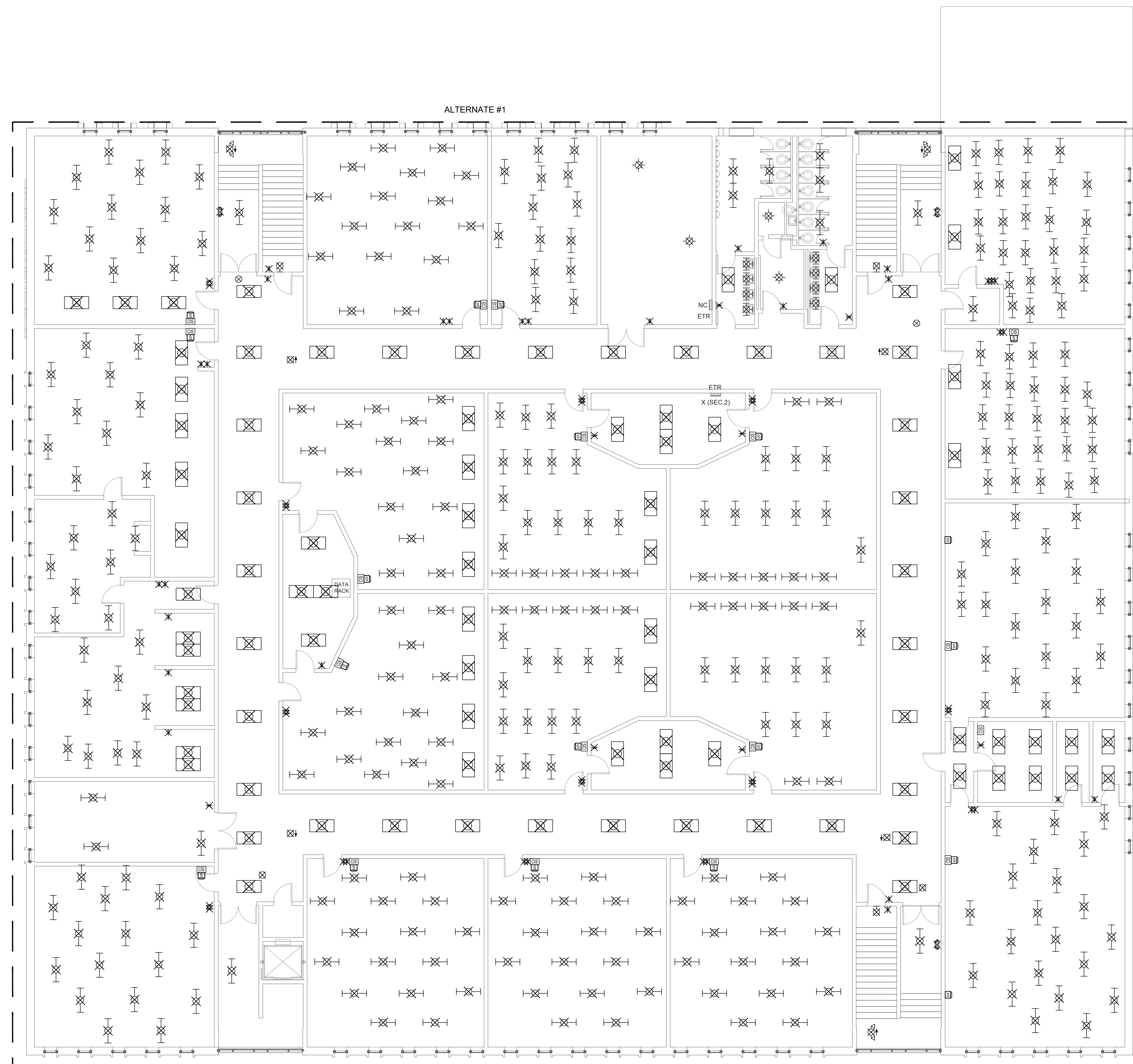
**1ST FLOOR - DEMOLITION PLAN - SECTION B**  
Scale: 1/8" = 1'-0"



305 HIGHWAY 51  
RIDGELAND, MS 39157  
VOICE (601) 605-4820  
TFS PROJ. # 23190

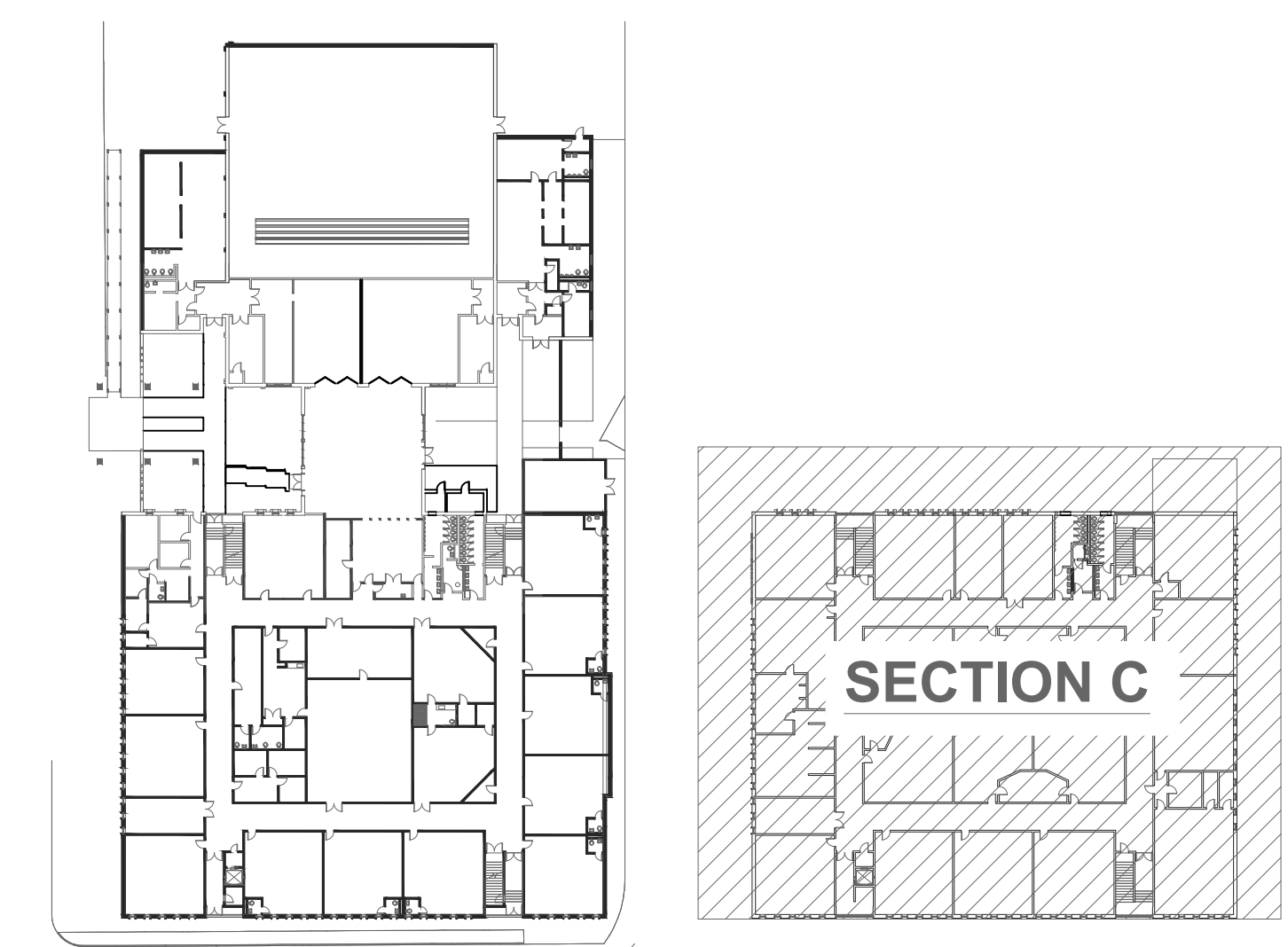


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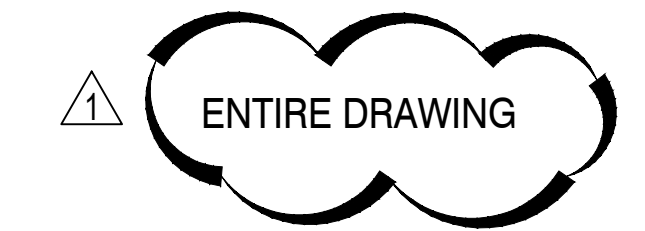
GENERAL NOTES	
Mark	Description
1.	INTERCOM SPEAKERS AND CALL-IN SWITCHES SHALL BE REUSED. REPLACE THE INTERCOM HEAD-END SYSTEM IN THE BASE BID. ALTERNATE #1 IS TO REPLACE LIGHTING AND LIGHTING CONTROLS ONLY.
NOTE: IF A KEYED NOTE IS NOT SHOWN ON A DRAWING, THEN THE KEYED NOTE SHALL BE IGNORED FOR THAT PARTICULAR DRAWING. THIS SHALL DIFFER FROM DRAWING TO DRAWING.	

GENERAL DEMOLITION NOTES	
MARK	Description
ETR	EXISTING DEVICE TO REMAIN.
X	EXISTING DEVICE TO BE DEMOLISHED IN ITS ENTIRETY. IF THE DEVICE IS ON A DEDICATED CIRCUIT, THE CIRCUITRY SHALL BE DEMOLISHED BACK TO THE PANEL AND THE BREAKER LABELED AS "SPARE".
A.	PRIOR TO BEGINNING WORK, SURVEY EXISTING ELECTRICAL SYSTEMS. DOCUMENT, IN WRITING, SIGNED BY THE CONTRACTING OFFICERS (OWNERS) REPRESENTATIVE, ANY PORTIONS OF THE EXISTING SYSTEMS THAT ARE NOT OPERATING PROPERLY BEFORE CONSTRUCTION BEGINS. ANY ELECTRICAL SYSTEMS FOUND INOPERABLE AT THE END OF THE CONSTRUCTION PROCESS THAT HAVE NOT BEEN SO DOCUMENTED SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
B.	PRIOR TO BEGINNING THE DEMOLITION PROCESS, CONDUCT A COMPREHENSIVE SITE SURVEY WITH THE ASSISTANCE OF THE CONTRACTING OFFICERS (OWNERS) REPRESENTATIVE. IDENTIFY AND MARK ALL EXISTING EQUIPMENT TO REMAIN AND ALL EXISTING RACEWAYS AND CIRCUITRY THAT ARE PRESENTLY PASSING THROUGH THE CONSTRUCTION AREA THAT ARE FEEDING EXISTING EQUIPMENT TO REMAIN.
C.	REMOVE ELECTRICAL EQUIPMENT IN AREAS BEING DEMOLISHED, AND ELECTRICAL EQUIPMENT FEEDING OTHER EQUIPMENT BEING DEMOLISHED. REMOVE RACEWAYS AND CIRCUITRY BACK TO THE PANEL OF ORIGIN. WHERE CIRCUITS ARE NOT BEING COMPLETELY DEMOLISHED, REMOVE RACEWAYS AND CIRCUITRY BACK TO A JUNCTION BOX OR OTHER COMMON CONNECTION POINT AND RE-CIRCUIT EXISTING ELECTRICAL EQUIPMENT TO REMAIN AS REQUIRED. WHERE NECESSARY, COMPLETELY REFEED EXISTING ELECTRICAL EQUIPMENT THAT IS TO REMAIN IF REQUIRED. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL EXISTING EQUIPMENT TO REMAIN BE KEPT COMPLETELY OPERABLE DURING CONSTRUCTION AND LEFT COMPLETELY OPERABLE AT THE END OF THE CONSTRUCTION PROCESS.
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E.	PERFORM DEMOLITION WORK AS FOLLOWS: 1. DEMOLISH DEVICE OR END OF LINE EQUIPMENT 2. DEMOLISH RACEWAYS AND CIRCUITRY FEEDING END OF LINE EQUIPMENT (INCLUDING ALL RACEWAYS AND CIRCUITRY ASSOCIATED WITH CONTROLS). 3. LEAVE ALL RACEWAYS AND CIRCUITRY THAT COMPLETELY PASS-THROUGH THE SPACE COMPLETELY OPERABLE BY REROUTING THE CIRCUITS AS REQUIRED.



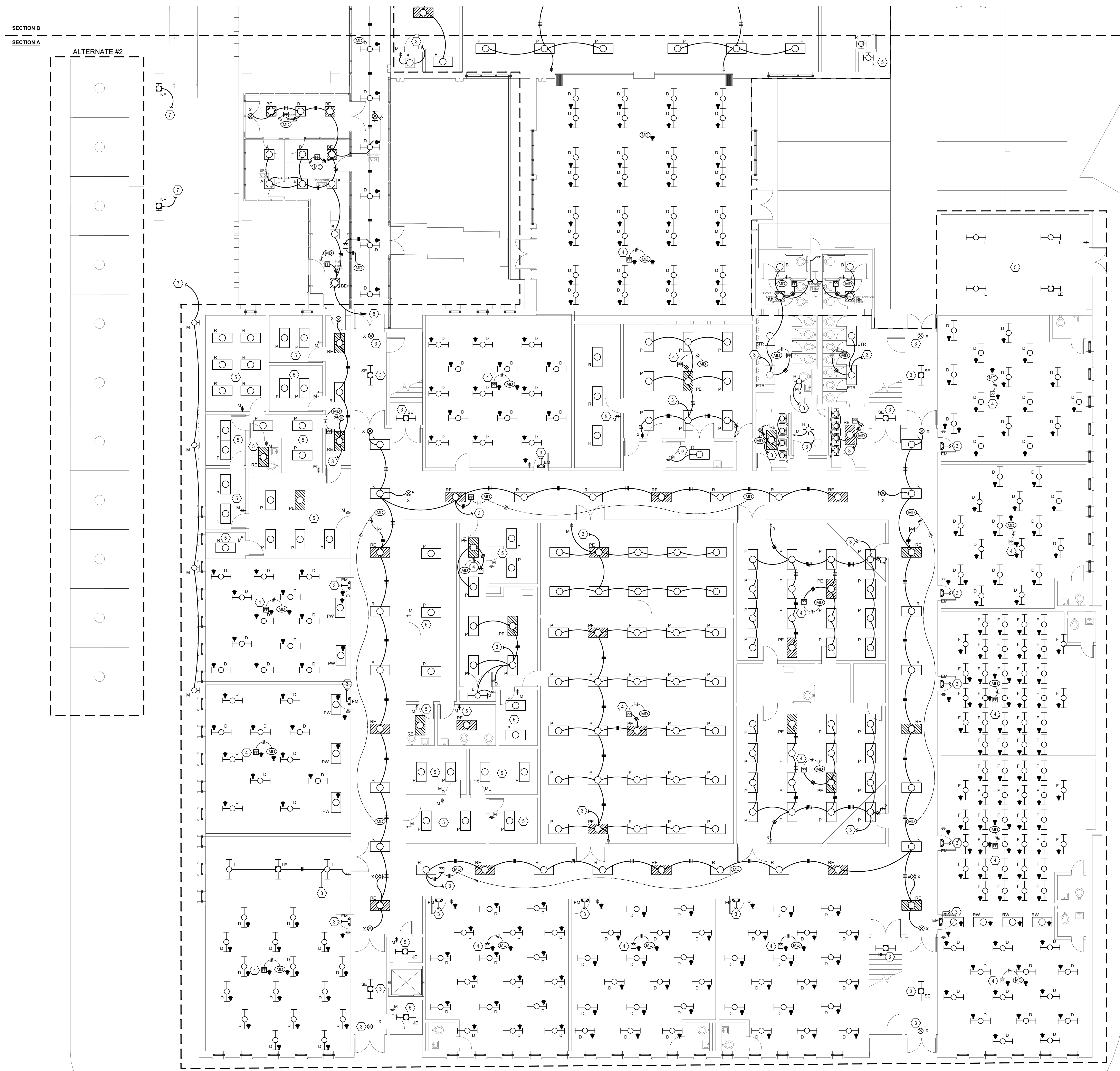
KEY PLAN

**1**  
ED-102  
2ND FLOOR - DEMOLITION PLAN - SECTION C  
Scale: 1/8" = 1'-0"





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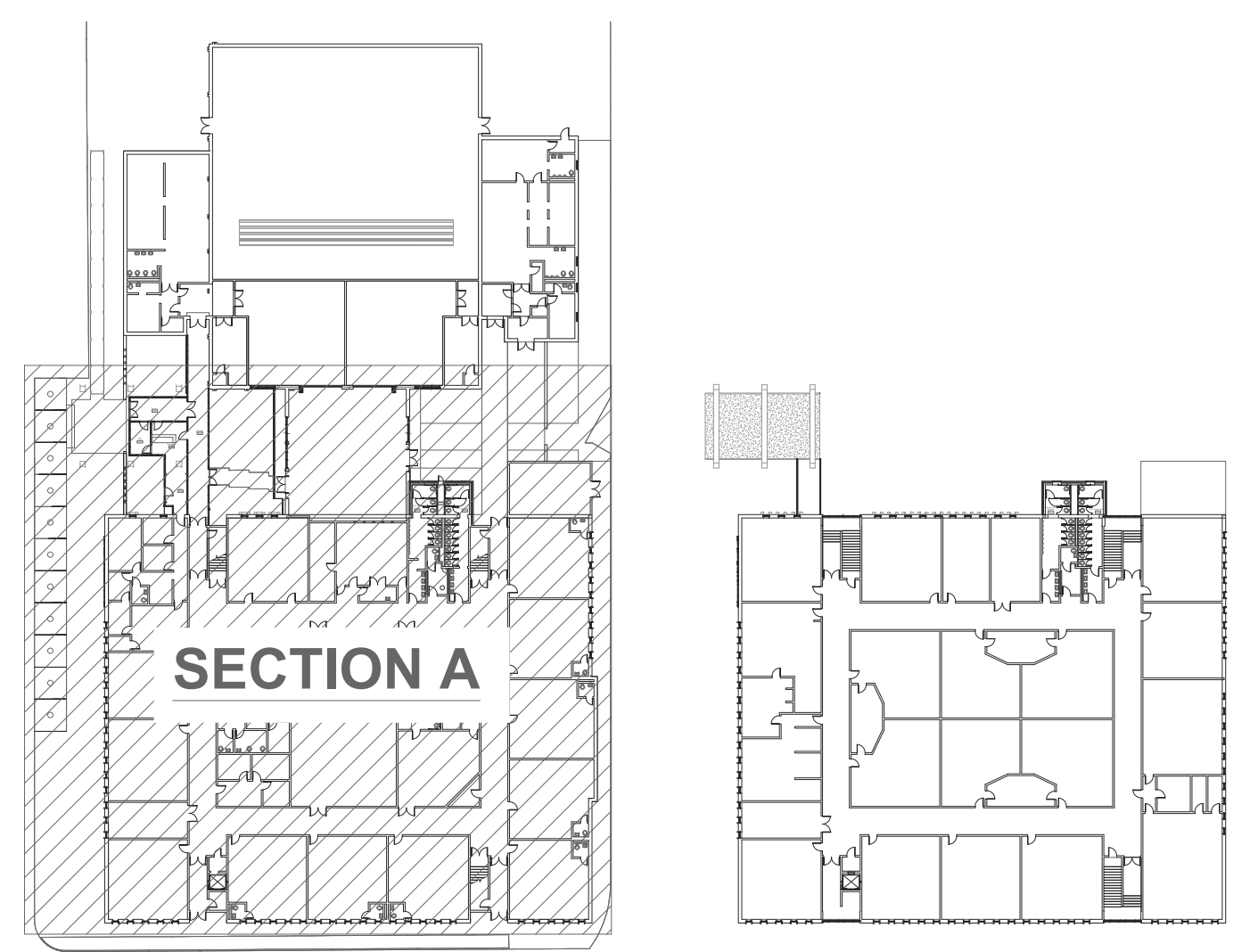
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 E100 Scale: 1/8" = 1'-0"

### GENERAL NOTES

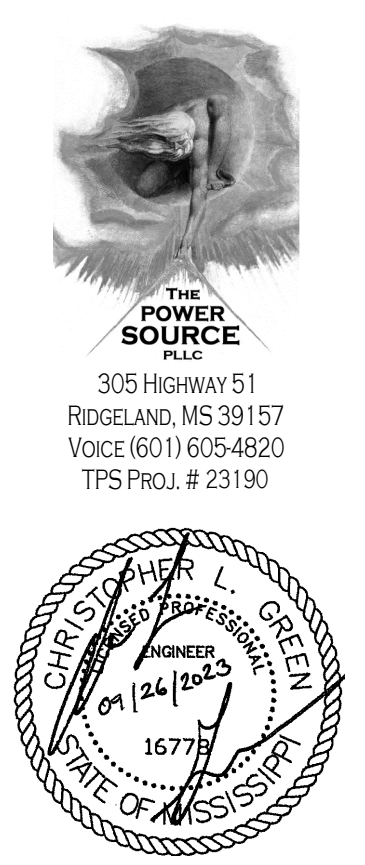
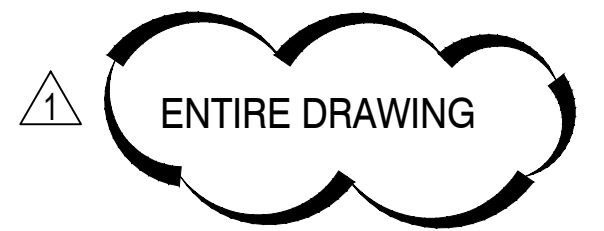
Mark	Description
A.	VERIFY EXISTING LOAD ON ALL EXISTING CIRCUITS PRIOR TO CONNECTING ANY ADDITIONAL LOAD. IF SUFFICIENT EXISTING POWER IS NOT AVAILABLE, EXTEND A NEW CIRCUIT TO THE NEAREST APPROPRIATE PANEL.
B.	RECEPTACLES SHOWN AS GFI MAY BE NON GFI TYPE RECEPTACLES IF FED FROM A 20' GFI BREAKER OR THE LOAD SIDE OF A GFI RECEPTACLE IN THE SAME ROOM, ON THE SAME CIRCUIT AND RATED 20 AMP FEED-THRU CAPACITY. COVER PLATES SHALL BE CLEARLY MARKED GFI.
C.	LIGHT COLORS DENOTE EXISTING CIRCUITRY AND EQUIPMENT, DARKER COLORS DENOTE NEW CIRCUITRY AND EQUIPMENT.
D.	LIGHT COLORS DENOTE EXISTING CIRCUITRY AND EQUIPMENT, DARKER COLORS DENOTE NEW CIRCUITRY AND EQUIPMENT.

### KEYED NOTES

Mark	Description
1	INTERLOCK EXHAUST FAN WITH LIGHTS IN BOTH FIRST FLOOR AND SECOND FLOOR ADDITION BOYS & GIRLS RESTROOM. SEE 2/E101 FOR EXHAUST FAN DETAIL.
2	INTERLOCK EXHAUST FAN WITH LIGHTS IN BOTH FIRST FLOOR AND SECOND FLOOR EXISTING CUSTODIAL ROOMS. SEE 3/E101 FOR EXHAUST FAN DETAIL.
3	CONNECT TO EXISTING LIGHTING CIRCUIT FEEDING THIS ROOM.
4	REPLACE EXISTING LIGHT FIXTURES IN THIS ROOM WITH THE FIXTURE TYPE SPECIFIED IN THESE DRAWINGS. IT IS OUR INTENT TO REPLACE EACH INDIVIDUAL FIXTURE ON A ONE-TO-ONE BASIS, UNLESS NOTED OTHERWISE. EXTEND EXISTING CIRCUITRY AS REQUIRED. SEE SHEET E001 FOR LIGHTING CONTROLS AND OPERATIONS. SEE GENERAL NOTE X.
5	REPLACE EXISTING LIGHT FIXTURES IN THIS ROOM WITH THE FIXTURE TYPE SPECIFIED IN THESE DRAWINGS. IT IS OUR INTENT TO REPLACE EACH INDIVIDUAL FIXTURE ON A ONE-TO-ONE BASIS, UNLESS NOTED OTHERWISE. CONNECT THE NEW LIGHT FIXTURES TO THE EXISTING CIRCUITRY & LIGHTING CONTROLS CIRCUITRY. EXTEND EXISTING CIRCUITRY AND UTILIZE EXISTING LIGHTING CONTROLS CIRCUITRY TO THE EXTENT PRACTICAL.
6	PROVIDE A NEW 20'1 CIRCUIT BREAKER IN EXISTING PANEL X.
7	CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT.
8	PROVIDE A NEW 25'2 CIRCUIT BREAKER IN EXISTING PANEL X.



KEY PLAN



**DALE BAILEY**  
 AN ASSOCIATION

Architects

One Jackson Place 250  
 188 East Capitol Street  
 Jackson, MS 39201  
 p 601.352.5411

201 Park Court Suite B  
 Ridgeland, MS 39157  
 p 601.790.9432

161 Lameuse St. Suite 201  
 Biloxi, MS 39530  
 p 228.374.1409

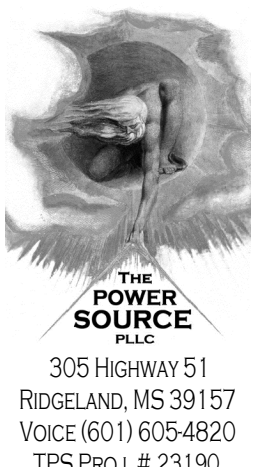
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MPSD Carver Elementary Additions  
 900 44th Ave, Meridian, MS 39307

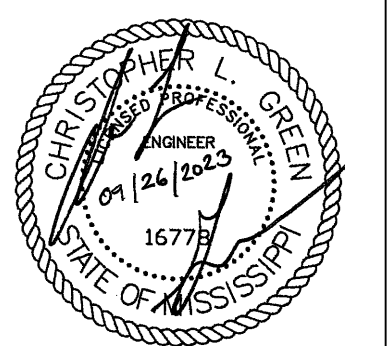
Construction Documents

Project No	22034.05
Date	09/26/2023
Drawn	HBS
Checked	CLG
Revision #	Date
ADDENDUM #1	10-11-2023

**E-100**  
 FIRST FLOOR LIGHTING PLAN - SECTION A



305 HIGHWAY 51  
RIDGELAND, MS 39157  
VOICE (601) 625-4820  
TFS PROJ. # 23190



**DALE BAILEY**  
AN ASSOCIATION

Architects

One Jackson Place 250  
188 East Capitol Street  
Jackson, MS 39201  
p 601.352.5411

201 Park Court Suite B  
Ridgeland, MS 39157  
p 601.790.9432

161 Lameuse St. Suite 201  
Biloxi, MS 39530  
p 228.374.1409

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**MPSD Carver Elementary Additions**  
900 44th Ave, Meridian, MS 39307

Construction Documents

Project No 22034.05  
Date 09/26/2023  
Drawn HBS  
Checked CLG  
Revision # Date  
ADDENDUM #1 10-11-2023

**E-101**

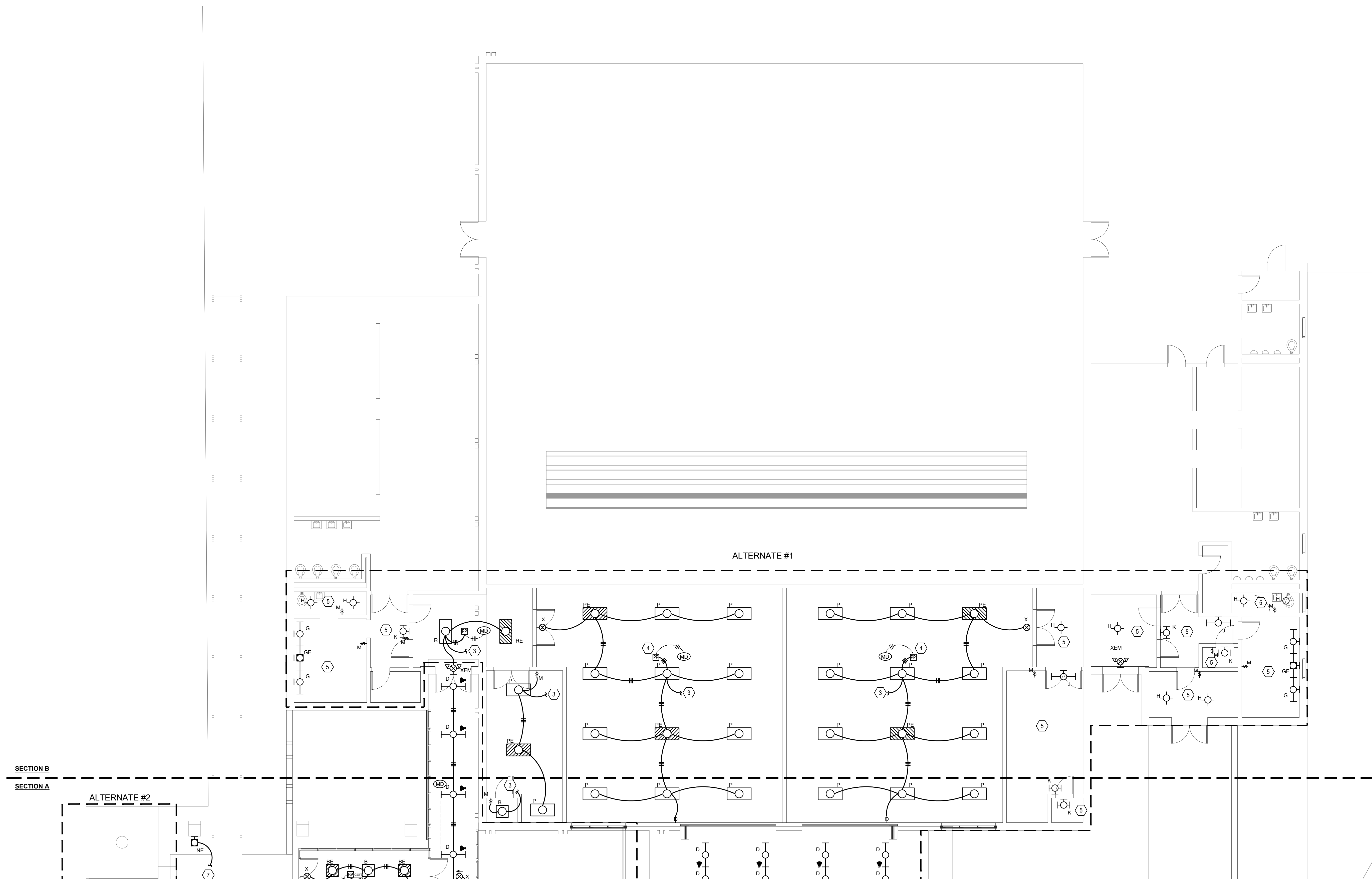
FIRST FLOOR LIGHTING PLAN - SECTION B

### GENERAL NOTES

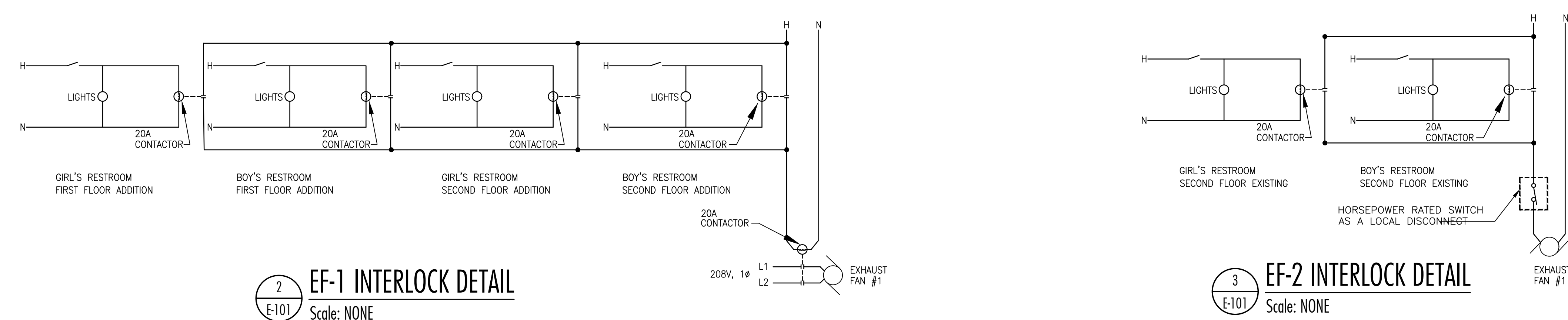
Mark	Description
A.	VERIFY EXISTING LOAD ON ALL EXISTING CIRCUITS PRIOR TO CONNECTING ANY ADDITIONAL LOAD. IF SUFFICIENT EXISTING POWER IS NOT AVAILABLE, EXTEND A NEW CIRCUIT TO THE NEAREST APPROPRIATE PANEL.
B.	RECEPTACLES SHOWN AS GFI MAY BE NON GFI TYPE RECEPTACLES IF FED FROM A 201' GFI BREAKER OR THE LOAD SIDE OF A GFI RECEPTACLE IN THE SAME ROOM, ON THE SAME CIRCUIT AND RATED 20 AMP FEED-THRU CAPACITY. COVER PLATES SHALL BE CLEARLY MARKED GFI.
C.	LIGHT COLORS DENOTE EXISTING CIRCUITRY AND EQUIPMENT, DARKER COLORS DENOTE NEW CIRCUITRY AND EQUIPMENT.
D.	LIGHT COLORS DENOTE EXISTING CIRCUITRY AND EQUIPMENT, DARKER COLORS DENOTE NEW CIRCUITRY AND EQUIPMENT.

### KEYED NOTES

Mark	Description
1	INTERLOCK EXHAUST FAN WITH LIGHTS IN BOTH FIRST FLOOR AND SECOND FLOOR ADDITION BOYS' & GIRL'S RESTROOM. SEE 2/E101 FOR EXHAUST FAN DETAIL.
2	INTERLOCK EXHAUST FAN WITH LIGHTS IN BOTH FIRST FLOOR AND SECOND FLOOR EXISTING CUSTODIAL ROOMS. SEE 3/E101 FOR EXHAUST FAN DETAIL.
3	CONNECT TO EXISTING LIGHTING CIRCUIT FEEDING THIS ROOM.
4	REPLACE EXISTING LIGHT FIXTURES IN THIS ROOM WITH THE FIXTURE TYPE SPECIFIED IN THESE DRAWINGS. IT IS OUR INTENT TO REPLACE EACH INDIVIDUAL FIXTURE ON A ONE-TO-ONE BASIS, UNLESS NOTED OTHERWISE. EXTEND EXISTING CIRCUITRY AS REQUIRED. SEE SHEET E001 FOR LIGHTING CONTROLS AND OPERATIONS. SEE GENERAL NOTE X.
5	REPLACE EXISTING LIGHT FIXTURES IN THIS ROOM WITH THE FIXTURE TYPE SPECIFIED IN THESE DRAWINGS. IT IS OUR INTENT TO REPLACE EACH INDIVIDUAL FIXTURE ON A ONE-TO-ONE BASIS, UNLESS NOTED OTHERWISE. CONNECT THE NEW LIGHT FIXTURES TO THE EXISTING CIRCUITRY & LIGHTING CONTROLS CIRCUITRY. EXTEND EXISTING CIRCUITRY AND UTILIZE EXISTING LIGHTING CONTROLS CIRCUITRY TO THE EXTENT PRACTICAL.
6	PROVIDE A NEW 201' CIRCUIT BREAKER IN EXISTING PANEL X.
7	CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT.
8	PROVIDE A NEW 252' CIRCUIT BREAKER IN EXISTING PANEL X.

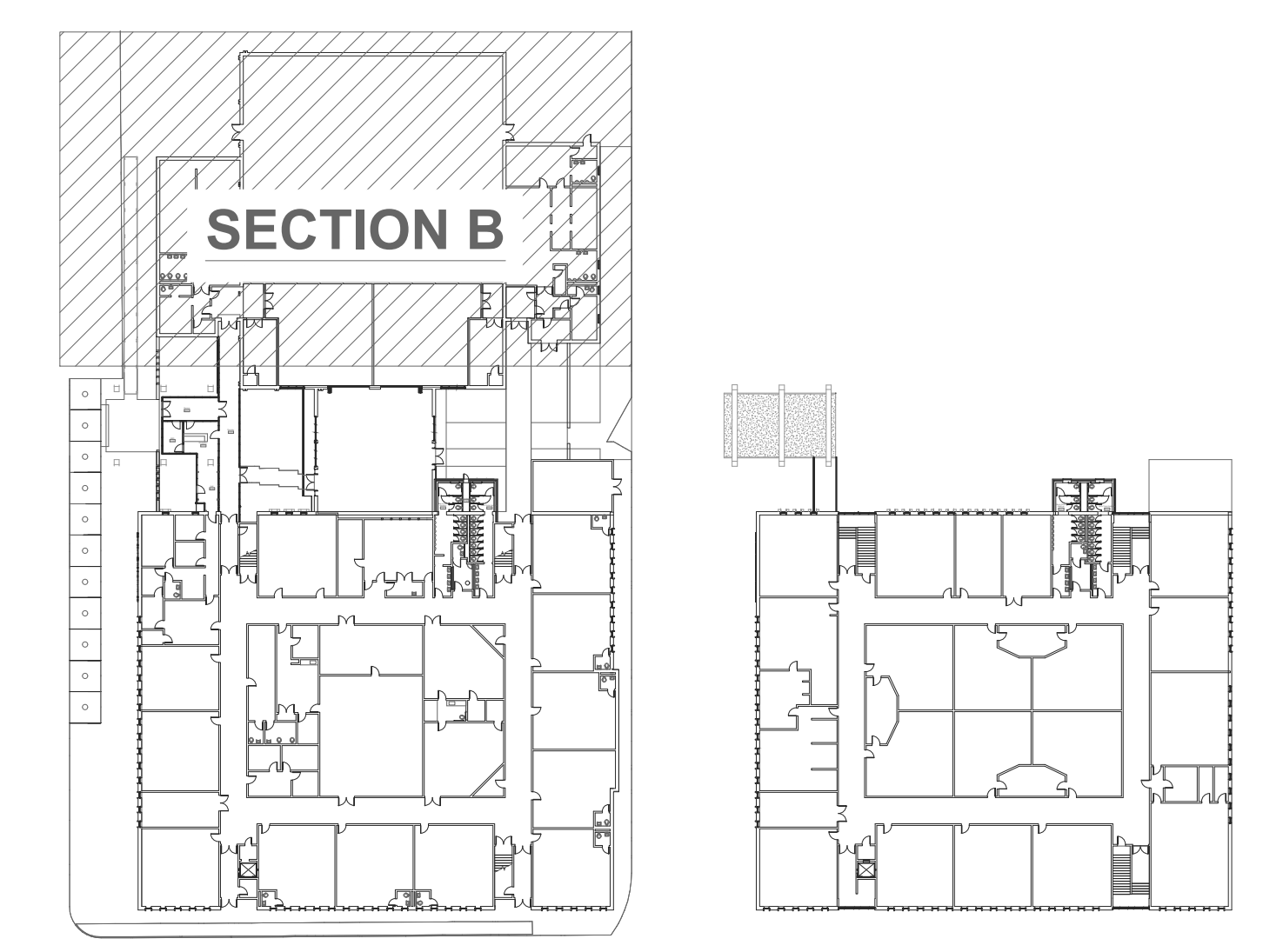


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E-101  
1ST FLOOR - LIGHTING PLAN - SECTION B  
Scale: 1/8" = 1'-0"



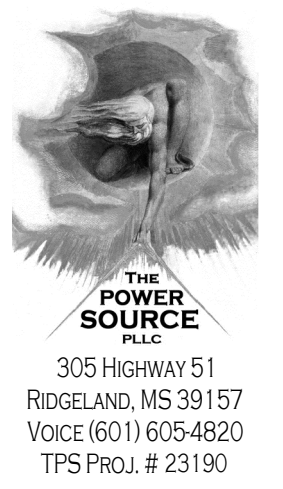
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E-101  
EF-1 INTERLOCK DETAIL  
Scale: NONE

3  
E-101  
EF-2 INTERLOCK DETAIL  
Scale: NONE



KEY PLAN  
ENTIRE DRAWING

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305 HIGHWAY 51  
RIDGELAND, MS 39157  
VOICE: (601) 635-4820  
TFS PROJ. # 23190

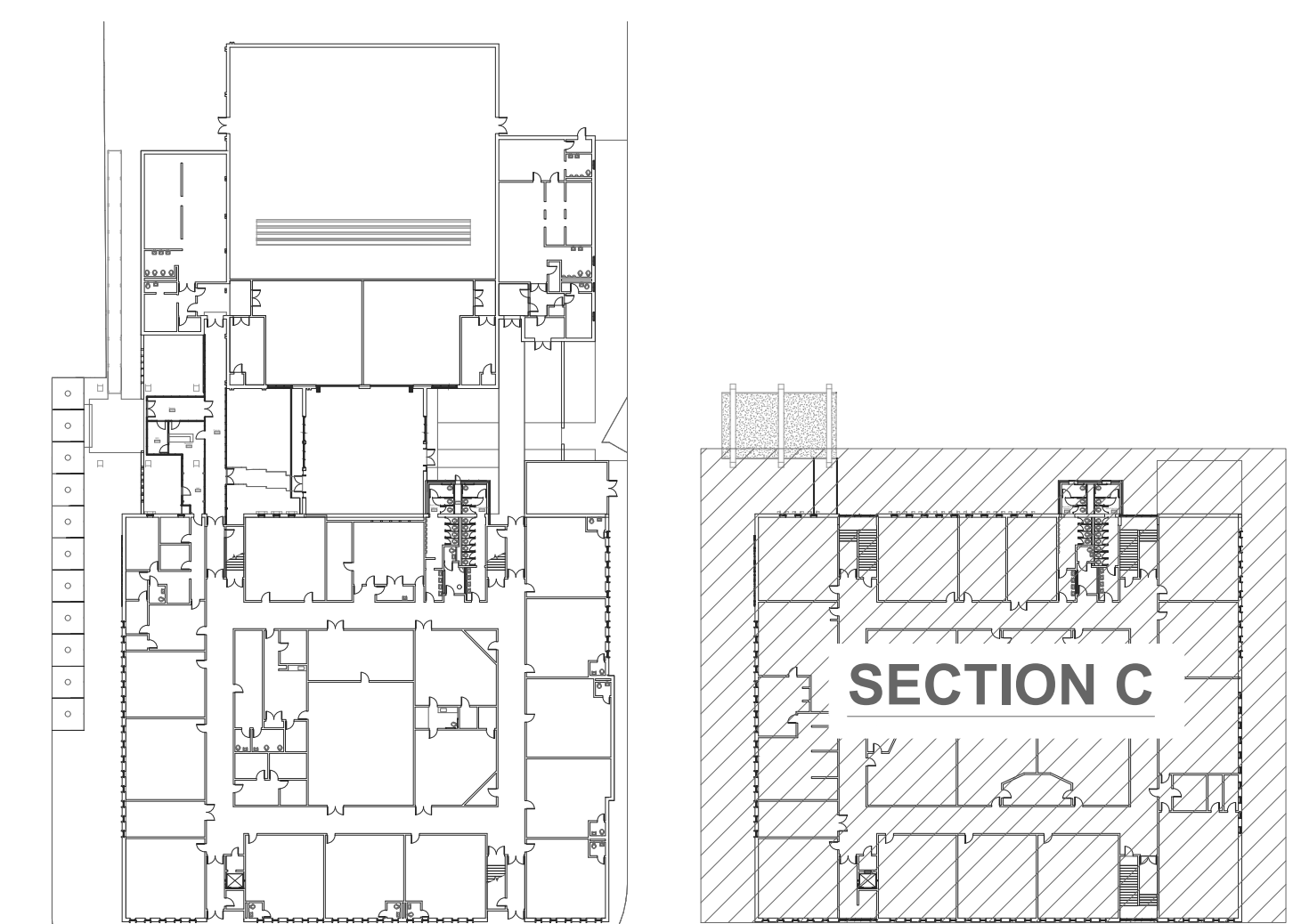


**DALE BAILEY**  
AN ASSOCIATION

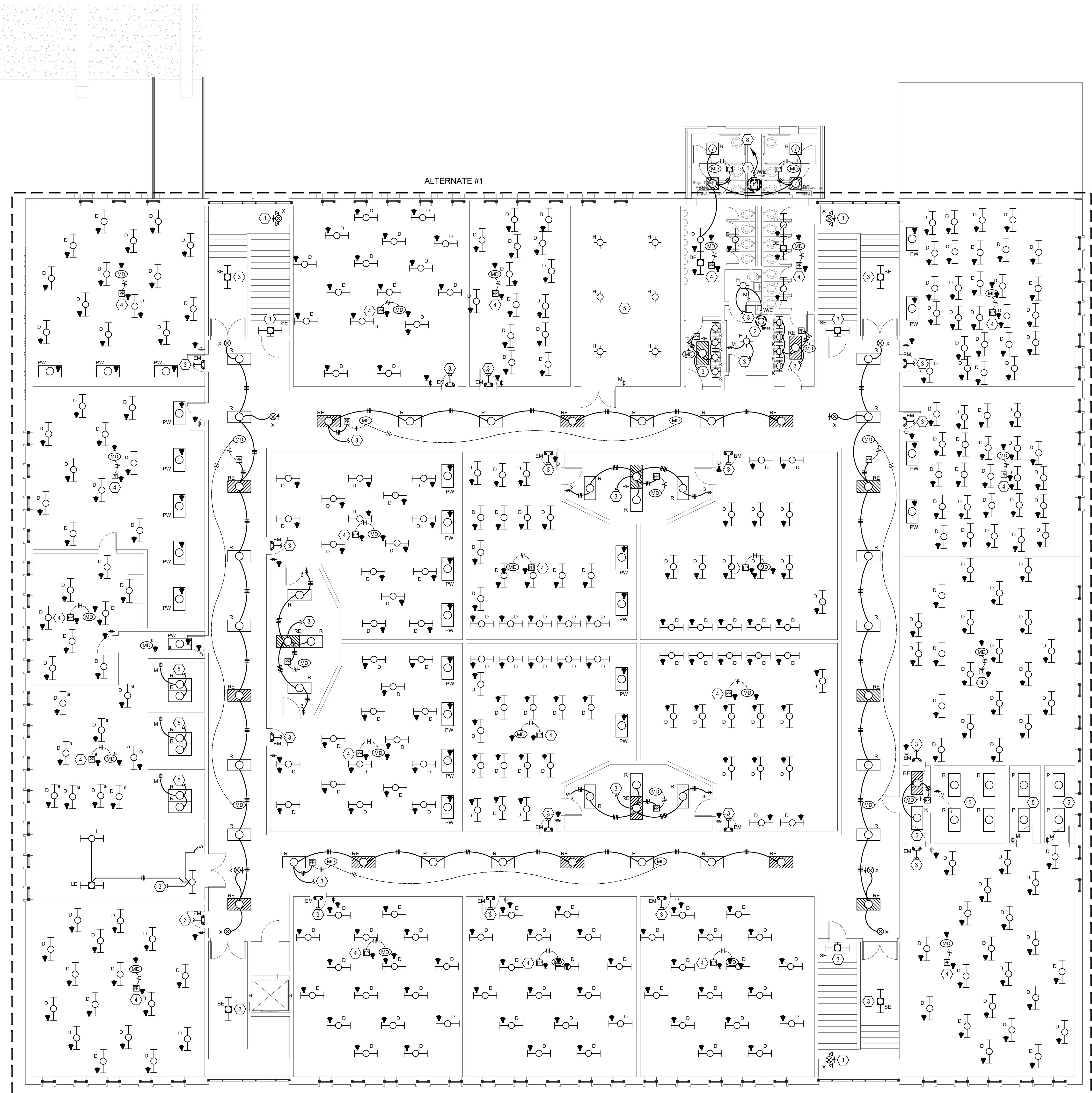
Architects  
One Jackson Place 250  
188 East Capitol Street  
Jackson, MS 39201  
p 601.352.5411  
201 Park Court Suite B  
Ridgeland, MS 39157  
p 601.790.9432  
161 Lameuse St. Suite 201  
Biloxi, MS 39530  
p 228.374.1409  
dalebaileyplans.com

GENERAL NOTES	
Mark	Description
A	VERIFY EXISTING LOAD ON ALL EXISTING CIRCUITS PRIOR TO CONNECTING ANY ADDITIONAL LOAD. IF SUFFICIENT EXISTING POWER IS NOT AVAILABLE, EXTEND A NEW CIRCUIT TO THE NEAREST APPROPRIATE PANEL.
B	RECEPTACLES SHOWN AS GFI MAY BE NON GFI TYPE RECEPTACLES IF FED FROM A 201 GFI BREAKER OR THE LOAD SIDE OF A GFI RECEPTACLE IN THE SAME ROOM, ON THE SAME CIRCUIT AND RATED 20 AMP FEED-THRU CAPACITY. COVER PLATES SHALL BE CLEARLY MARKED GFI.
C	LIGHT COLORS DENOTE EXISTING CIRCUITRY AND EQUIPMENT, DARKER COLORS DENOTE NEW CIRCUITRY AND EQUIPMENT.
D	LIGHT COLORS DENOTE EXISTING CIRCUITRY AND EQUIPMENT, DARKER COLORS DENOTE NEW CIRCUITRY AND EQUIPMENT.

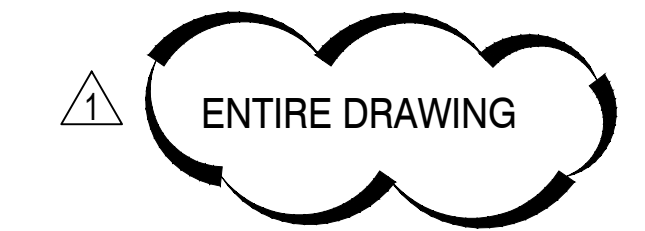
KEYED NOTES	
Mark	Description
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2	INTERLOCK EXHAUST FAN WITH LIGHTS IN BOTH FIRST FLOOR AND SECOND FLOOR EXISTING CUSTODIAL ROOMS. SEE 3/E101 FOR EXHAUST FAN DETAIL.
3	CONNECT TO EXISTING LIGHTING CIRCUIT FEEDING THIS ROOM.
4	REPLACE EXISTING LIGHT FIXTURES IN THIS ROOM WITH THE FIXTURE TYPE SPECIFIED IN THESE DRAWINGS. IT IS OUR INTENT TO REPLACE EACH INDIVIDUAL FIXTURE ON A ONE-TO-ONE BASIS, UNLESS NOTED OTHERWISE. EXTEND EXISTING CIRCUITRY AS REQUIRED. SEE SHEET E001 FOR LIGHTING CONTROLS AND OPERATIONS. SEE GENERAL NOTE 'A'.
5	REPLACE EXISTING LIGHT FIXTURES IN THIS ROOM WITH THE FIXTURE TYPE SPECIFIED IN THESE DRAWINGS. IT IS OUR INTENT TO REPLACE EACH INDIVIDUAL FIXTURE ON A ONE-TO-ONE BASIS, UNLESS NOTED OTHERWISE. CONNECT THE NEW LIGHT FIXTURES TO THE EXISTING CIRCUITRY & LIGHTING CONTROLS CIRCUITRY. EXTEND EXISTING CIRCUITRY AND UTILIZE EXISTING LIGHTING CONTROLS CIRCUITRY TO THE EXTENT PRACTICAL.
6	PROVIDE A NEW 201 CIRCUIT BREAKER IN EXISTING PANEL X.
7	CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT.
8	PROVIDE A NEW 252 CIRCUIT BREAKER IN EXISTING PANEL X.



KEY PLAN



1  
E102  
2ND FLOOR - LIGHTING PLAN - SECTION C  
Scale: 1/8" = 1'-0"



MPSD Carver Elementary Additions  
900 44th Ave, Meridian, MS 39307

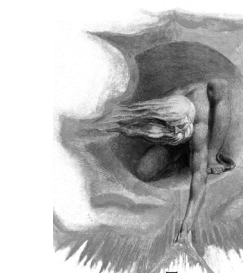
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Checked	CLG
Revision #	Date
ADDENDUM #1	10-11-2023

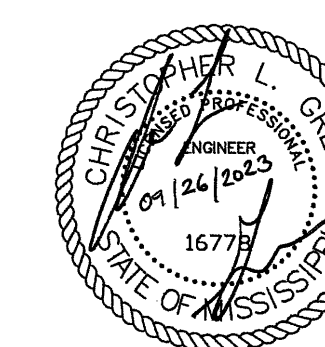
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SECOND FLOOR LIGHTING PLAN - SECTION C

SECTION B  
SECTION A

SECTION B  
SECTION A

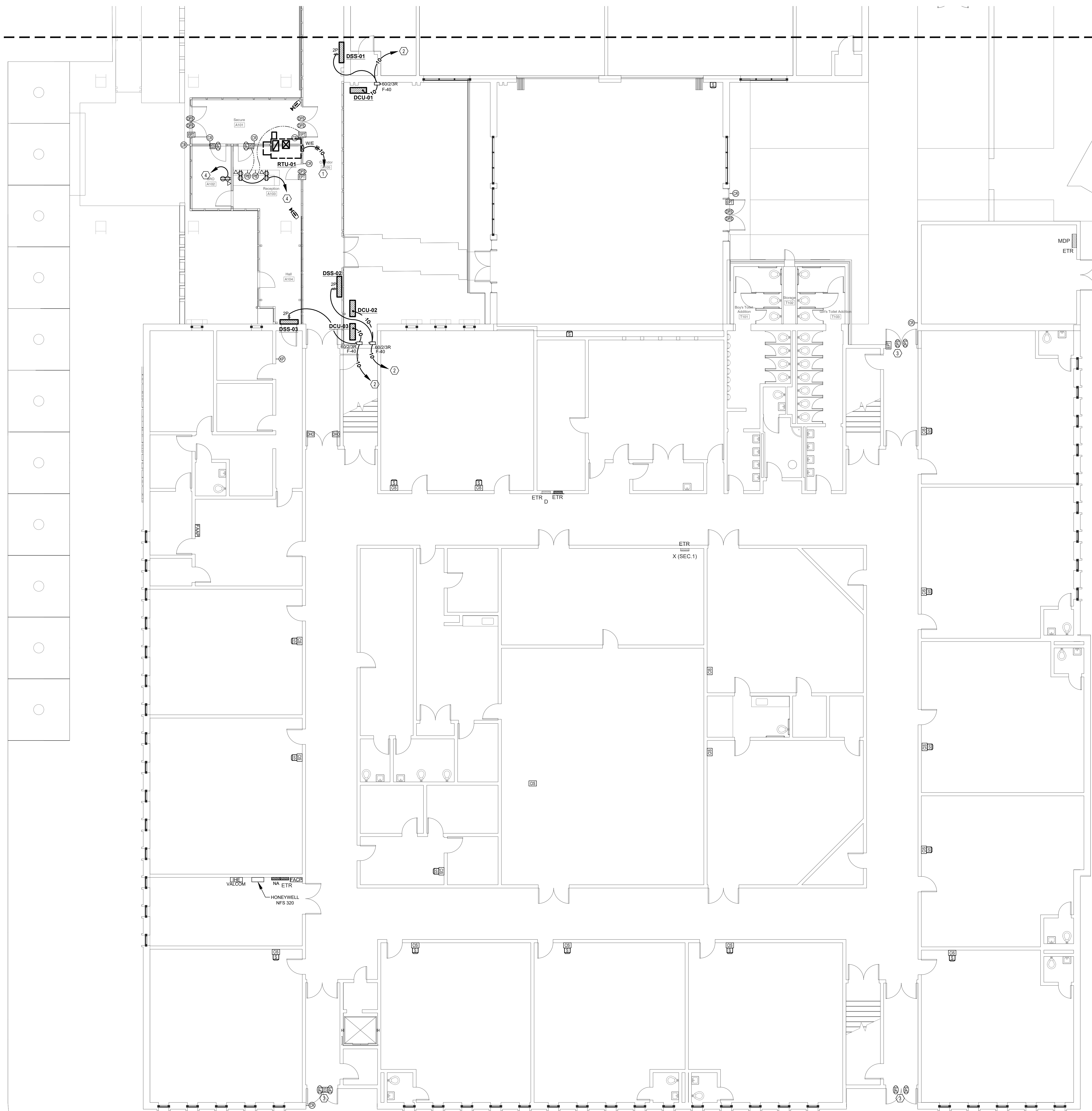


**THE POWER SOURCE**  
305 HIGHWAY 51  
RIDGELAND, MS 39157  
VOICE (601) 695-4820  
TFS PROJ. # 23190



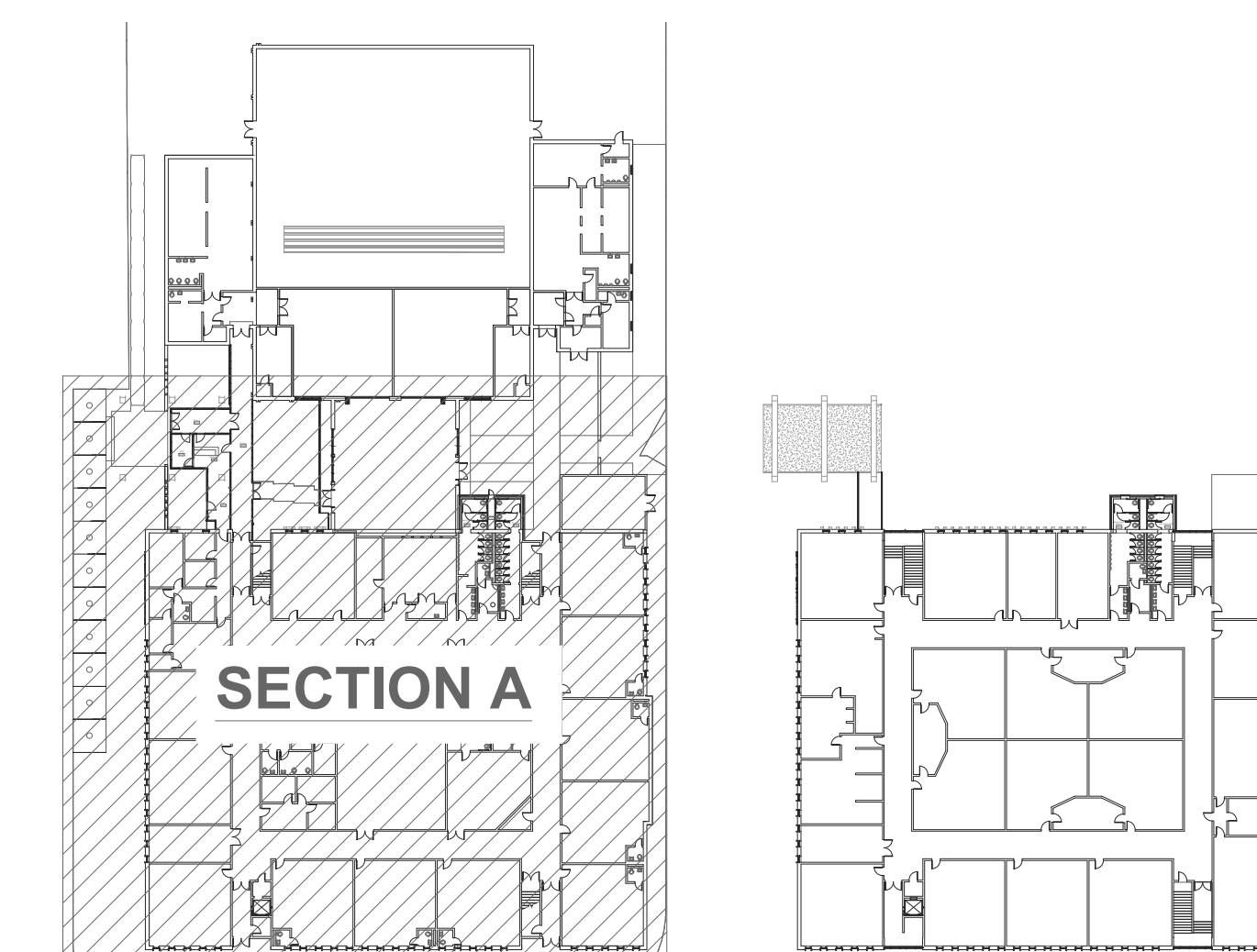
**DALE BAILEY**  
AN ASSOCIATION

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One Jackson Place 250  
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161 Lameuse St. Suite 201  
Biloxi, MS 39530  
p 228.374.1409  
dalebaileyplans.com



GENERAL NOTES	
Mark	Description
1	INTERCOM SPEAKERS AND CALL-IN SWITCHES SHALL BE REUSED. REPLACE THE INTERCOM HEAD-END SYSTEM IN THE BASE BID. ALTERNATE #1 IS TO REPLACE LIGHTING AND LIGHTING CONTROLS ONLY.
NOTE: IF A KEYED NOTE IS NOT SHOWN ON A DRAWING, THEN THE KEYED NOTE SHALL BE IGNORED FOR THAT PARTICULAR DRAWING. THIS SHALL DIFFER FROM DRAWING TO DRAWING.	

KEYED NOTES	
Mark	Description
1	PROVIDE A NEW 303 CIRCUIT BREAKER IN EXISTING PANEL X.
2	PROVIDE A NEW 402 CIRCUIT BREAKER IN EXISTING PANEL X.
3	EXISTING BURGLAR ALARM DOOR CONTACT SHALL BE REPLACED WITH A DUAL PURPOSE DOOR POSITION SWITCH BY THE ACCESS CONTROL VENDOR.
4	PROVIDE A NEW 201 CIRCUIT BREAKER IN EXISTING PANEL X.



KEY PLAN

1 1ST FLOOR -POWER / MECHANICAL / AUXILIARY PLAN - SECTION A  
E200 Scale: 1/8" = 1'-0"



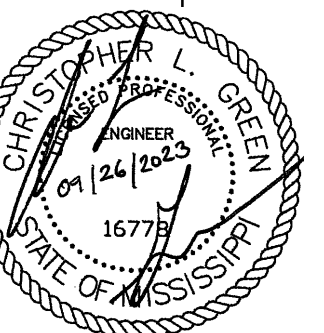
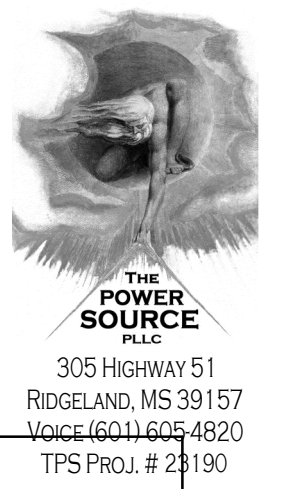
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MPSD Carver Elementary Additions  
900 44th Ave, Meridian, MS 39307

Construction Documents

Project No	22034.05
Date	09/26/2023
Drawn	HBS
Checked	CLG
Revision #	Date
ADDENDUM #1	10-11-2023

**E-200**  
FIRST FLOOR POWER / MECHANICAL / AUXILIARY PLAN - SECTION A



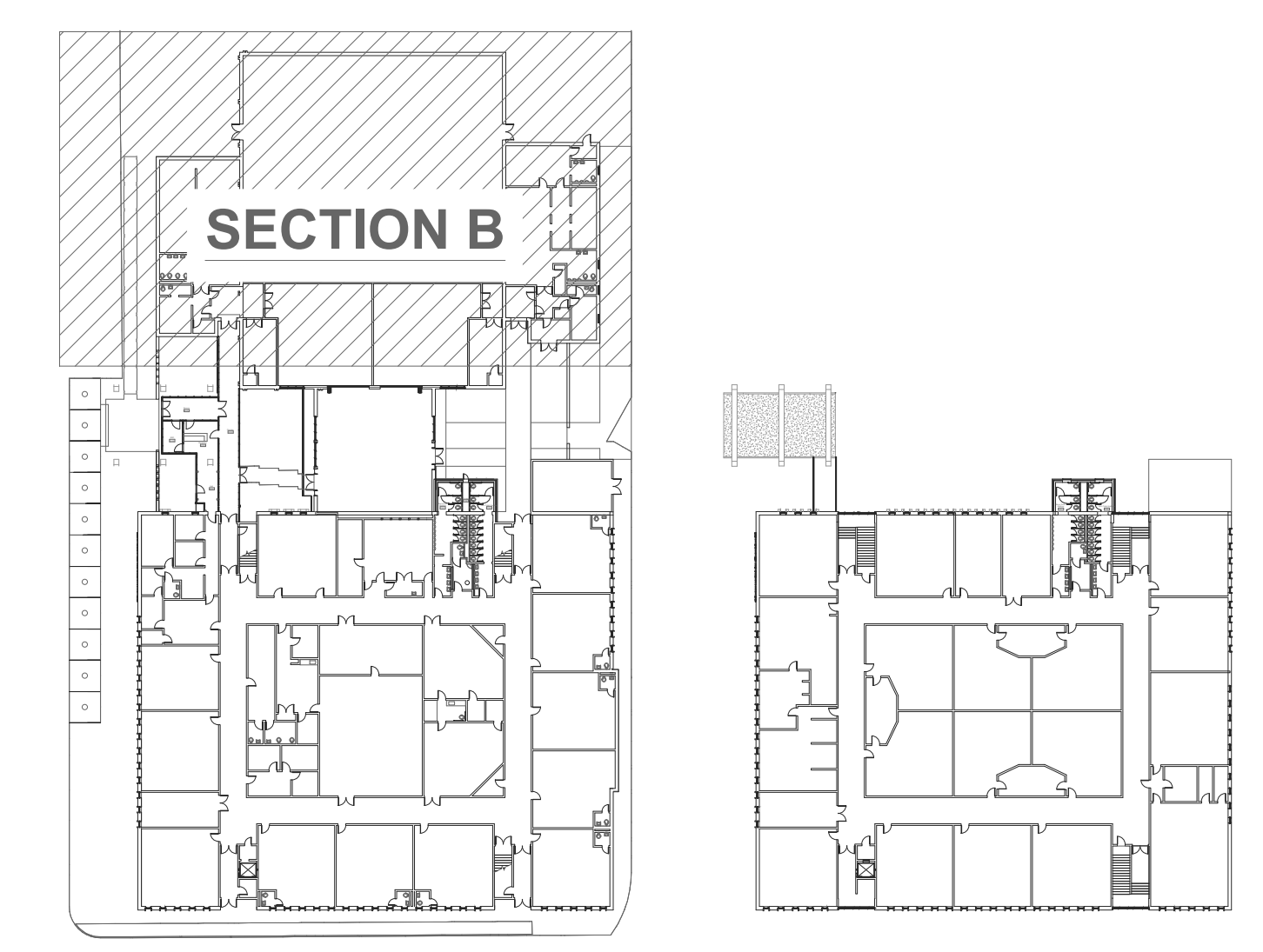
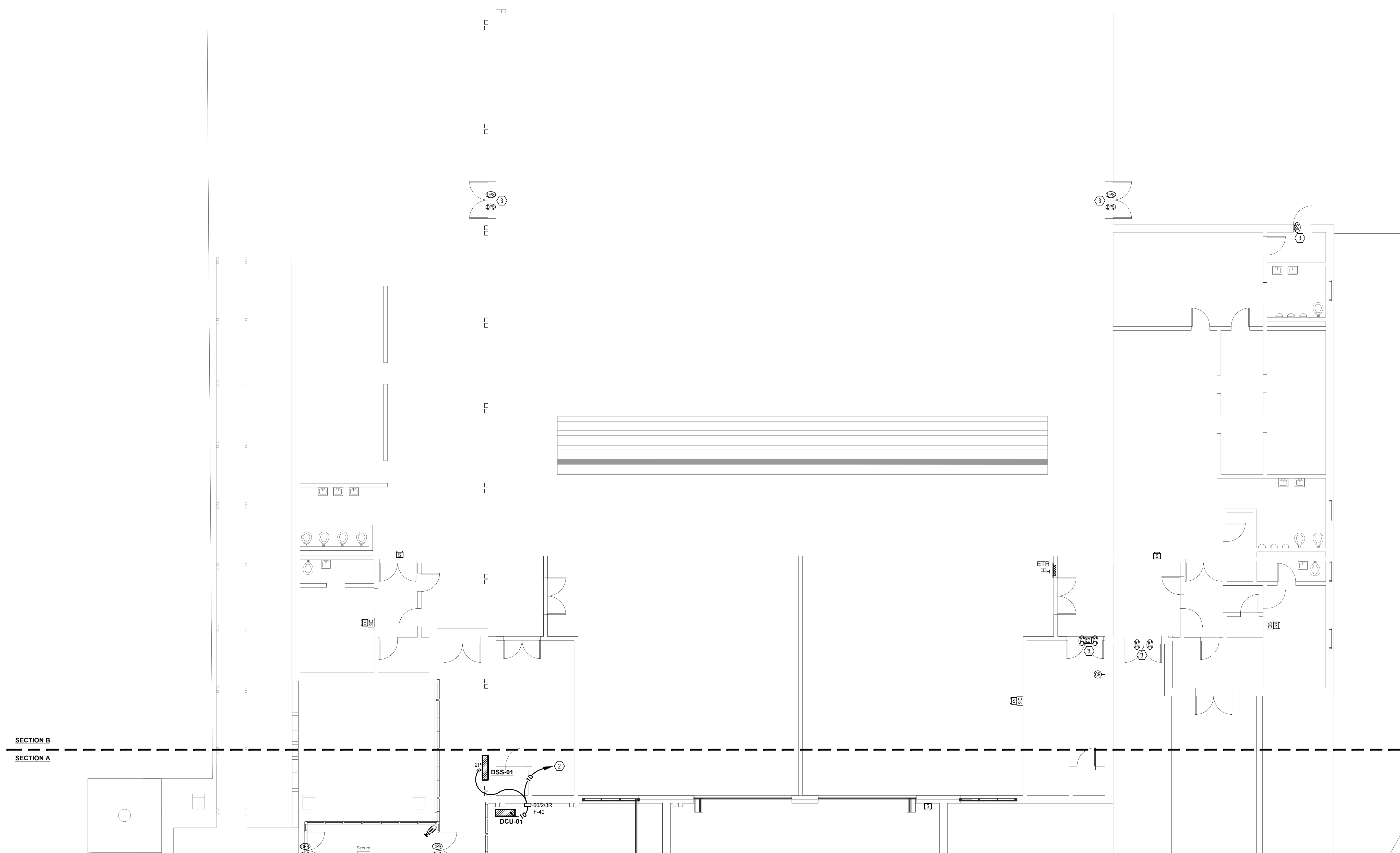
**GENERAL NOTES**

Mark	Description
1.	INTERCOM SPEAKERS AND CALL-IN SWITCHES SHALL BE REUSED. REPLACE THE INTERCOM HEAD THE BASE BID. ALTERNATE #1 IS TO REPLACE LIGHTING AND LIGHTING CONTROLS ONLY.

NOTE:  
IF A KEYED NOTE IS NOT SHOWN ON A DRAWING, THEN THE KEYED NOTE SHALL BE IGNORED FOR THAT PART DRAWING. THIS SHALL DIFFER FROM DRAWING TO DRAWING.

**KEYED NOTES**

Mark	Description
(1)	PROVIDE A NEW 303 CIRCUIT BREAKER IN EXISTING PANEL X.
(2)	PROVIDE A NEW 402 CIRCUIT BREAKER IN EXISTING PANEL X.
(3)	EXISTING BURGLAR ALARM DOOR CONTACT SHALL BE REPLACED WITH A DUAL PURPOSE DOOR POSITION SWITCH BY THE ACCESS CONTROL VENDOR.
(4)	PROVIDE A NEW 201 CIRCUIT BREAKER IN EXISTING PANEL X.

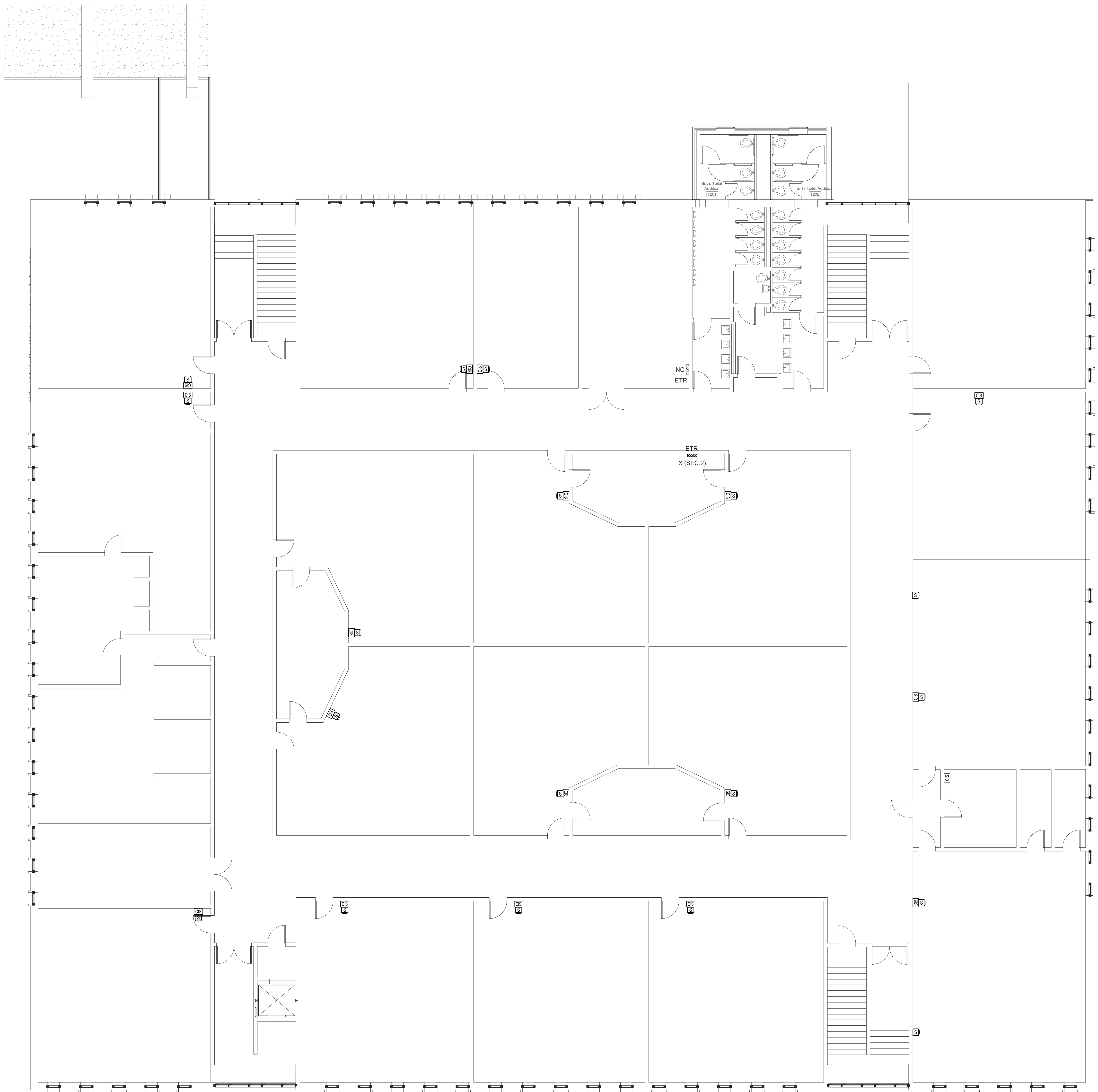
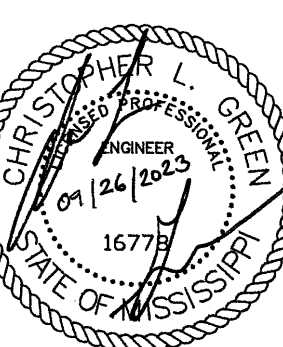
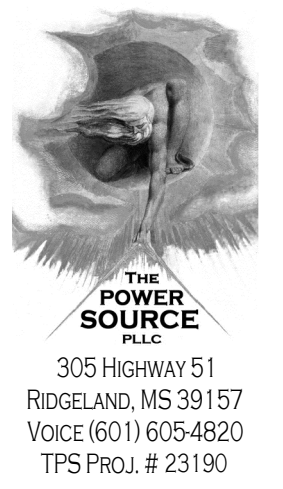


**1**  
E-201 **1ST FLOOR - POWER / MECHANICAL / AUXILIARY PLAN - SECTION B**  
Scale: 1/8" = 1'-0"

**KEY PLAN**  
ENTIRE DRAWING

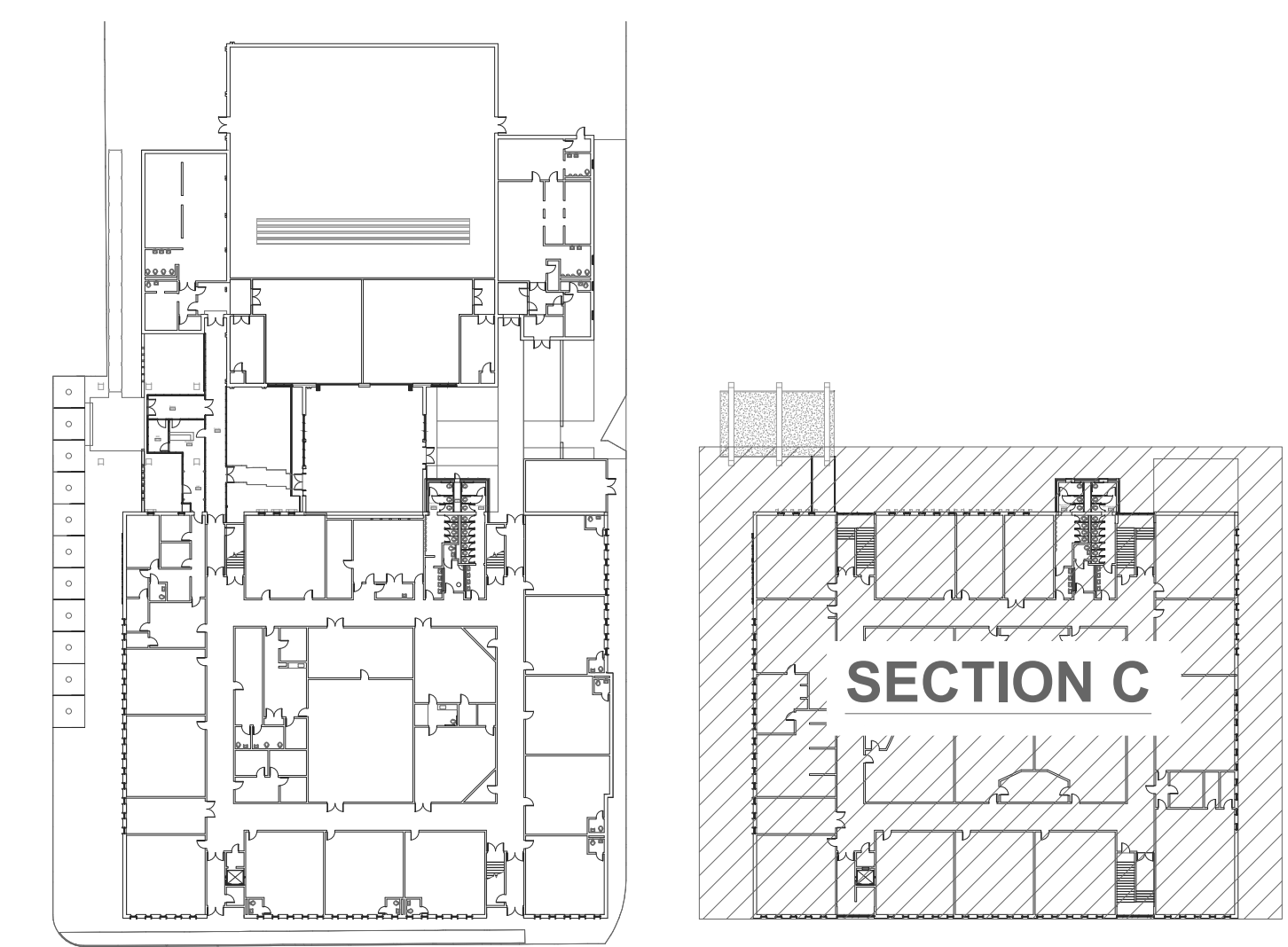
**Construction Documents**

Project No	22034.05
Date	09/26/2023
Drawn	HBS
Checked	CLG
Revision #	Date
△ ADDENDUM #1	10-11-2023



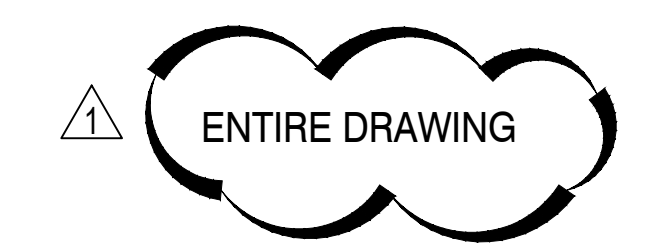
GENERAL NOTES	
Mark	Description
1	INTERCOM SPEAKERS AND CALL-IN SWITCHES SHALL BE REUSED. REPLACE THE INTERCOM HEAD-END SYSTEM IN THE BASE BID. ALTERNATE #1 IS TO REPLACE LIGHTING AND LIGHTING CONTROLS ONLY.
NOTE: IF A KEYED NOTE IS NOT SHOWN ON A DRAWING, THEN THE KEYED NOTE SHALL BE IGNORED FOR THAT PARTICULAR DRAWING. THIS SHALL DIFFER FROM DRAWING TO DRAWING.	

KEYED NOTES	
Mark	Description
①	PROVIDE A NEW 303 CIRCUIT BREAKER IN EXISTING PANEL X.
②	PROVIDE A NEW 402 CIRCUIT BREAKER IN EXISTING PANEL X.
③	EXISTING BURGLAR ALARM DOOR CONTACT SHALL BE REPLACED WITH A DUAL PURPOSE DOOR POSITION SWITCH BY THE ACCESS CONTROL VENDOR.
④	PROVIDE A NEW 201 CIRCUIT BREAKER IN EXISTING PANEL X.



KEY PLAN

1  
E-202  
2ND FLOOR - MECHANICAL / AUXILIARY PLAN - SECTION C  
Scale: 1/8" = 1'-0"



Construction Documents

Project No	22034.05
Date	09/26/2023
Drawn	HBS
Checked	CLG
Revision #	Date
△ ADDENDUM #1	10-11-2023