

SECTION 009113 – ADDENDUM ONE

PART 1 - ADDENDA

1.6 PROJECT INFORMATION

- A. Project Name: 22034.03 Meridian High School Baseball/Softball
- B. Owner: Meridian Public School District, 1019 25th 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: 22034.03
- E. Date of Addendum One: 28 March 2023



1.7 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.
- D. The Pre-bid date is **CHANGED** by this Addendum at same time and location.
 - 1. **New date for pre-bid is April 6, 2023.**
- E. Asbestos Report dated March 20, 2023, by Pickering is attached.

1.5 REVISIONS TO DIVISION 00 – PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS

- A. DOCUMENT 000110 – TABLE OF CONTENTS. Add this section to the front of your project manual. See attached.

1.6 REVISIONS TO TECHNICAL SPECIFICATIONS

- A. DOCUMENT 102239 – FOLDING PANEL PARTITIONS. (New). See attached.
- B. DOCUMENT 108113 – BIRD CONTROL DEVICES (Not Reissued). Add the following:

2.2 Bird Spikes

- A. Provide Bird Deterrent Spikes for a total of 1,040 linear feet of horizontal surface in Base Bid & for an additional 340 linear feet in Alternate #1 as well as an additional 340 linear feet for Alternate #2.

1.7 REVISIONS TO DRAWINGS

- A. Electrical Sheet E-000 – ELECTRICAL LEGEND. Delete this sheet in its entirety and replace with the attached. Added note for Weatherproof Outlet.
- B. Electrical Sheet E-004 – PANEL SCHEDULES. Delete this sheet in its entirety and replace with the attached. Added circuit for pitcher's mound outlet.
- C. Electrical Sheet E-201b – OVERALL LIGHTING PLAN – ALT 001. Delete this sheet in its entirety and replace with the attached. Added Weatherproof Outlet location.

1.8 ATTACHMENTS

- A. Asbestos Report by Pickering dated 20 March 2023.
- B. This Addendum includes the following attached Specifications:
 - 1. Specification 000110 – Table of Contents dated 28 March 2023.
 - 2. Specification 102239 – Folding Panel Partitions dated 28 March 2023.
- C. This Addendum includes the following attached Drawings.
 - 1. Electrical Sheet E-000 – Electrical Legend dated 28 March 2023.
 - 2. Electrical Sheet E-004 – Panel Schedules dated 28 March 2023.
 - 3. Electrical Sheet E-201b – Overall Lighting Plan dated 28 March 2023.

END OF ADDENDUM ONE



March 20, 2023

Mr. Clay Sims, Director of Operations
Meridian Public Schools
1019 25th Avenue
Meridian, MS 39301

Re: Asbestos Inspection Report
Meridian Public Schools
Meridian High School Band Hall Addition and Metal Building Demolition
Meridian, MS 39301

Dear Mr. Sims:

You requested our services with respect to the presence of Asbestos-Containing Materials (ACM) at the above-referenced property. As such, we conducted a site inspection on March 10, 2023, that included the collection and analysis of suspect building material components that would be involved in the band hall addition and the metal baseball practice building demolition.

Following our site inspection and sample collection activity, one (1) ACM was identified. This conclusion is based on the Environmental Protection Agency's (EPA) definition of ACM as material composed of "...greater than 1% asbestos." These materials include:

Band Hall

- None

Metal Building (Baseball Practice Facility)

- Black cement on canopy

A detailed report of findings that includes sample description laboratory results and sample location drawings are enclosed. Should you have any questions concerning this report, please do not hesitate to contact us.

If you have any questions concerning this report, please call us at (601) 956-3663.

Sincerely,
PICKERING FIRM, INC.

A handwritten signature in blue ink that reads "Willie J. Nester".

Willie J. Nester, P. E.
Associate Principal Owner
MDEQ Certified Lead Risk Assessor

**ASBESTOS CONTAINING MATERIAL INSPECTION
MERIDIAN PUBLIC SCHOOLS
MERIDIAN, MS**



PREPARED FOR:

**MERIDIAN PUBLIC SCHOOLS
1019 25TH AVENUE
MERIDIAN, MS 39301**

PREPARED BY:

**PICKERING FIRM, INC.
2001 AIRPORT ROAD, SUITE 201
FLOWOOD, MISSISSIPPI**



**March 20, 2022
PICKERING PROJECT NO. 21393.11 T001**

TABLE OF CONTENTS

SECTION	PAGE
1.0 EXECUTIVE SUMMARY	1
2.0 FINDINGS - ASBESTOS	2
3.0 RECOMMENDATIONS	4
4.0 ASBESTOS ABATEMENT COST ESTIMATE	5

APPENDICES:

APPENDIX A	SITE AND LOCATION MAPS
APPENDIX B	LABORATORY ANALYSIS REPORTS
APPENDIX C	INSPECTOR CERTIFICATIONS

1.0 EXECUTIVE SUMMARY

This asbestos/lead survey was performed to identify and assess the condition of suspect building materials that may be disturbed in a planned renovation and to provide recommended response actions based on the conditions of these materials. This report describes the survey tasks and presents our findings and recommendations. This report is for the proposed renovations/addition to the Band hall and demolition of metal baseball practice building at Meridian High School in Meridian, MS.

Prior to the initial visit of the facility, special precautions and security/access requirements were coordinated with Meridian Public Schools. At the time of the inspection, interior and exterior areas of the building were accessible.

During our inspection, all areas of the building were visually inspected, and the locations of suspected ACM's were noted. After all suspect ACM building components were identified, a minimum of two (2) samples were collected of each homogeneous material for sample analysis. These samples were subsequently labeled and submitted to an accredited laboratory for asbestos analysis by Polarized Light Microscopy (PLM). Laboratory analysis did reveal one (1) material to contain asbestos.

2.0 FINDINGS-ASBESTOS

During the asbestos survey, a total of eight (8) types of material were sampled. These samples sent to an accredited laboratory and analyzed for asbestos content. According to the analytical results, one (1) material was identified to contain asbestos. This conclusion is based on the Environmental Protection Agency (EPA) definition of an ACM as material composed of "...greater than 1% asbestos." These materials include:

Metal Building (Baseball Practice Facility)

- **Black asphalt cement (HA) MHS-10** located on the canopy/wall junction above the main entrance to the metal building. Laboratory analysis revealed these materials contain approximately 10-12% chrysotile asbestos. This material is classified as Category I, non-friable ACM according to NESHAP regulations.

Materials Sampled Analyzed as Non-ACM

Sample analyses indicate that none or less than 1% asbestos was detected in the following materials:

Materials Description (Homogeneous sample no.)

Band Hall Building

- Window putty (MHS-01)
- Carpet glue (MHS-02)
- Cove base and mastic (MHS-03)
- Wall plaster (MHS-04)
- 2' x 2' ceiling tiles (MHS-05)
- Roof core/perimeter flashing (MHS-06)
- 12" x 12" floor tiles and mastic (Dining room) (MHS-07)
- Sprayed on ceiling material (Dining room) (MHS-08)
- Window caulk (MHS-09)

Metal Building

- None

3.0 RECOMMENDATIONS - ASBESTOS

Asbestos

Considering these findings, EPA's NESHAP 40 CFR 61, Subpart M, and the MDEQ title 11 Mississippi Administrative Code, Part 2, Chapter 1 requires the removal of ACM before any renovation or demolition takes place that will disturb those materials and render them friable. Therefore, any future expansion, demolition, or renovation activities at this facility that would impact any of these ACMs should follow the NESHAP, AHERA, MDEQ, and OSHA regulations. A renovation project of this type will also require a written notification be submitted to the MDEQ ten (10) working days prior to the beginning of the project.

4.0 ASBESTOS ABATEMENT COST ESTIMATE

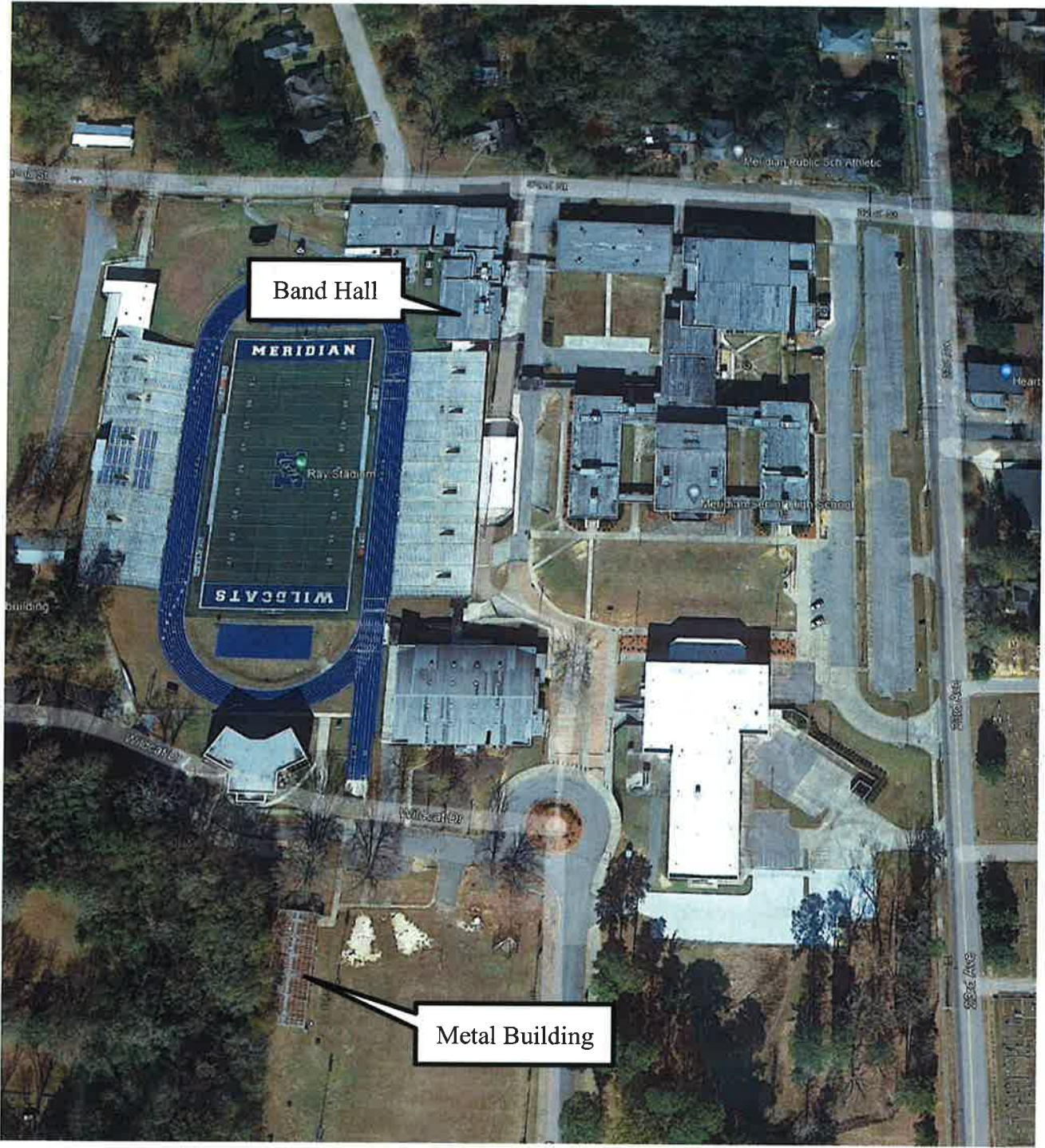
The cost estimate table below represents a cost breakdown for the removal of each ACM material identified during the inspection. In developing this cost estimate, we have assumed this material will be included in a single abatement project. The cost estimate does not include abatement design costs or contractor oversight costs.

Cost Breakdown for Removal of ACM (to be affected by renovations)

Location	Material	Quantity	Removal	
			Unit Cost	Total Cost
Metal Bldg Canopy	Black cement	10 ln ft	\$5.00/ln ft	\$500.00
		Abatement Total		\$500.00

Note 1: These estimates are not to be used for bidding purposes. Quantity estimates are for renovation areas only. Bidders must obtain their own estimates. Not all materials may be necessary to remove as part of renovations.

**APPENDIX A
SITE LOCATION MAP**



Band Hall

Metal Building

APPENDIX B
LABORATORY ANALYSIS REPORTS

ASBESTOS



EMSL Analytical, Inc.

18369 Petroleum Drive Baton Rouge, LA 70809
Tel/Fax: (225) 755-1920 / (225) 755-1989
http://www.EMSL.com / batonrougelab@emsl.com

EMSL Order: 252301273
Customer ID: POWE54
Customer PO: 20299
Project ID:

Attention: Willie Nester
Pickering Firm, Inc.
2001 Airport Road
Suite 201
Flowood, MS 39232
Project: 21393.14 Task 001/Meridian HS Band hall & Metal Bldg

Phone: (601) 259-6671
Fax: (601) 956-7817
Received Date: 03/14/2023 9:35 AM
Analysis Date: 03/16/2023
Collected Date: 03/10/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MHS-01-01 252301273-0001		Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-01-02 252301273-0002		Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-02-01 252301273-0003					Not Submitted
MHS-02-02 252301273-0004		Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-03-01 252301273-0005		Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-03-02 252301273-0006		Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-04-01 252301273-0007		Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-04-02 252301273-0008		Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-05-01 252301273-0009		Tan Fibrous Homogeneous	60% Cellulose 10% Glass	30% Non-fibrous (Other)	None Detected
MHS-05-02 252301273-0010		Gray/Tan/White Fibrous Homogeneous	50% Cellulose 15% Glass	35% Non-fibrous (Other)	None Detected
MHS-06-01 252301273-0011		Black Fibrous Homogeneous	10% Cellulose 10% Glass	80% Non-fibrous (Other)	None Detected
MHS-06-02 252301273-0012		Black Non-Fibrous Homogeneous	10% Cellulose 15% Glass	75% Non-fibrous (Other)	None Detected
MHS-07-01 252301273-0013		Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-07-02 252301273-0014		Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-08-01 252301273-0015		Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS-08-02 252301273-0016		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 03/16/2023 11:20:52



EMSL Analytical, Inc.

18369 Petroleum Drive Baton Rouge, LA 70809
Tel/Fax: (225) 755-1920 / (225) 755-1989
<http://www.EMSL.com / batonrougelab@emsl.com>

EMSL Order: 252301273
Customer ID: POWE54
Customer PO: 20299
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
MHS--09-01 <small>252301273-0017</small>		Gray/White Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS--09-02 <small>252301273-0018</small>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
MHS--10-01 <small>252301273-0019</small>		Black Fibrous Homogeneous		88% Non-fibrous (Other)	12% Chrysotile
MHS--10-02 <small>252301273-0020</small>		Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile

Analyst(s)

Haley Young (9)
Victoria Atkins (10)

Martiana Beach, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA NVLAP Lab Code 200375-0, LELAP 01950, TX 300238

Initial report from: 03/16/2023 11:20:52

APPENDIX C
INSPECTOR CERTIFICATIONS

State of Mississippi

*Department of Environmental Quality
Office of Pollution Control*

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

Willie J. Nester

Having submitted acceptable evidence of qualifications and
training and other appropriate information, is hereby granted this

***Asbestos Inspector
Certification***



*Certificate No.: ABI-00002244
Expiration Date: Jan 18th, 2024
Training Expires on Jan 18th, 2024*

Chief, Asbestos & Lead Branch

40546 LIC20230002

SECTION 000110 – TABLE OF CONTENTS

	Cover	
000107	Seals Pages	
000110	Table of Contents	

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

000115	List of Drawing Sheets.....	(A)
001113	Advertisement for Bids	(A)
002113	Instructions to Bidders	(A)
002513	Prebid Meetings.....	(A)
003119	Existing Condition Information.....	(A)
003126	Existing Hazardous Materials	(A)
003132	Geotechnical Data	(A)
004113	Bid Form – Stipulated Sum (Single-Prime Contract).....	(A)
004313	Bid Security Forms	(A)
006000	Forms.....	(A)
	A101 – 2017 Standard Form of Agreement Between Owner and Contractor (Draft).....	(A)
	A101-2017 Exhibit A Insurance and Bonds.....	(A)
	A201 – 2017 General Conditions of the Contract for Construction (Draft).....	(A)
009113	Addenda	(A)

DIVISION 01 – GENERAL REQUIREMENTS

011000	Summary	(A)
012100	Allowances.....	(A)
012300	Alternates	(A)
012500	Substitution Procedures	(A)
012600	Contract Modification Procedures	(A)
012900	Payment Procedures	(A)
013100	Project Management and Coordination	(A)
013200	Construction Progress Documentation	(A)
013233	Photographic Documentations	(A)
013300	Submittal Procedures	(A)
013324	Structural Submittals	(S)
014000	Quality Requirements	(A)
014200	References	(A)
014524	Structural Special Inspections	(S)
015000	Temporary Facilities and Controls	(A)
015526	Maintenance of Traffic.....	(C)
015713	Temporary Erosion and Sediment Control.....	(C)
016000	Product Requirements	(A)
017300	Execution	(A)
017419	Construction Waste Management and Disposal	(A)
017700	Closeout Procedures	(A)
017823	Operation and Maintenance Data	(A)

017839 Project Record Documents..... (A)
 017900 Demonstration and Training (A)

DIVISION 02 – EXISTING CONDITIONS

024116 Structure Demolition (A)
 024119 Selective Demolition (A)

DIVISION 03 – CONCRETE

031000 Concrete Form and Accessories (S)
 031100 Concrete Formwork (C)
 032000 Concrete Reinforcing (C)
 032000 Concrete Reinforcing (S)
 033000 Cast-In-Place Concrete (C)
 033000 Cast-In-Place Concrete (S)
 033001 Concrete General Specifications (C)
 036200 Non-Shrink Grouting (S)

DIVISION 04 – MASONRY

042200 Concrete Unit Masonry..... (S)
 042613 Masonry Veneer (A)

DIVISION 05 – METALS

051200 Structural Steel Framing (S)
 053100 Steel Decking (S)
 055113 Metal Pan Stairs (A)
 057300 Decorative Metal Railings (A)

DIVISION 06 – WOOD, PLASTICS AND COMPOSITES

061000 Rough Carpentry (S)
 061600 Sheathing..... (A)
 061753 Shop-Fabricated Wood Trusses..... (S)
 062013 Exterior Finish Carpentry (A)
 062023 Interior Finish Carpentry (A)
 064116 Plastic-Laminate-Clad Architectural Cabinets (A)

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

072100 Thermal Building Insulation (A)
 072726 Fluid-Applied Membrane Air Barriers, Vapor Permeable (A)
 074113.16 Standing-Seam Metal Roof Panels (A)
 074646 Fiber-Cement Siding..... (A)
 076200 Sheet Metal Flashing and Trim..... (A)
 079200 Joint Sealants (A)
 079513.16 Exterior Expansion Joint Cover Assemblies..... (A)

DIVISION 08 – OPENINGS

081113 Hollow Metal Doors and Frames (A)
 081416 Flush Wood Doors (A)

084113	Aluminum-Framed Entrances and Storefronts	(A)
085113	Aluminum Windows	(A)
087100	Door Hardware	(A)
088000	Glazing	(A)

DIVISION 09 – FINISHES

092900	Gypsum Board	(A)
093013	Ceramic Tiling	(A)
095123	Acoustical Tile Ceilings	(A)
095426	Suspended Wood Ceilings	(A)
096513	Resilient Base and Accessories	(A)
096813	Tile Carpeting	(A)
099113	Exterior Painting	(A)
099123	Interior Painting	(A)
099600	High-Performance Coatings	(A)

DIVISION 10

101416	Plaques	(A)
101419	Dimensional Letter Signage	(A)
101423.16	Room-Identification Panel Signage	(A)
102113.19	Plastic Toilet Compartments	(A)
102800	Toilet, Bath, and Laundry Accessories	(A)
104413	Fire Protection Cabinets	(A)
104416	Fire Extinguishers	(A)
105116	Wood Lockers.....	(A)
107313	Awnings	(A)
107516	Ground-Set Flagpoles	(A)
108113	Bird Control Devices	(A)

DIVISION 11 – EQUIPMENT

116833.33	Baseball Field Equipment.....	(A)
116843	Exterior Scoreboards.....	(A)

DIVISION 12 – FURNISHINGS

123623.13	Plastic-Laminate-Clad Countertops.....	(A)
126100	Fixed Audience Seating.....	(A)
126313	Stadium and Arena Bench Seating	(A)

DIVISION 14 – CONVEYING EQUIPMENT

144200	Wheelchair Lifts	(A)
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DIVISION 15 THROUGH DIVISION 19 – NOT USED

DIVISION 20 – MECHANICAL

200010	Mechanical General Provisions.....	(M)
200020	Basic Mechanical Requirements	(M)
200030	Mechanical Submittals and Shop Drawings	(M)

200035	Mechanical Systems and Equipment Warranties.....	(M)
200040	Mechanical Close-Out Requirements.....	(M)
200050	Basic Mechanical Materials and Methods.....	(M)
200060	Pipes and Pipe Fittings.....	(M)
200100	Valves.....	(M)
200120	Piping Specialties.....	(M)
200140	Supports and Anchors.....	(M)
200170	Electrical Requirements.....	(M)
200190	Mechanical Identification.....	(M)
200240	Mechanical Sound and Vibration Control.....	(M)
200250	Mechanical Insulation.....	(M)

DIVISION 21 – NOT USED

DIVISION 22 – PLUMBING

220430	Plumbing Specialties.....	(M)
220440	Plumbing Fixtures, Trim & Accessories.....	(M)
220450	Domestic Water Heaters and Accessories.....	(M)

DIVISION 23 – HEATING VENTILATION AND AIR CONDITIONING

230670	Packaged Air Conditioners.....	(M)
230756	Packaged Heat Recovery Equipment.....	(M)
230860	Fans.....	(M)
230885	Air Cleaning/Treatment.....	(M)
230890	Ductwork.....	(M)
230910	Ductwork Accessories.....	(M)
230980	Controls and Instrumentation.....	(M)
230990	Testing, Adjusting and Balancing.....	(M)

DIVISION 24 – 25 – NOT USED

DIVISION 26 – ELECTRICAL

260511	Electrical General and Work in Existing Facilities.....	(E)
260519	600V Conductors.....	(E)
260526	Grounding and Bonding for Electrical Systems.....	(E)
260533	Raceways, Outlet Boxes and Junction Boxes for Electrical Systems.....	(E)
260573	Electrical Studies.....	(E)
260923	Switches and Receptacles.....	(E)
260926	Vacancy Sensors.....	(E)
262200	Transformers.....	(E)
262400	Panelboards.....	(E)
262800	Disconnects and Separately-Mounted Circuit Breakers.....	(E)
264300	Surge Protective Device (SPD).....	(E)
265100	Lighting.....	(E)
265668	Exterior Athletic Lighting.....	(E)

DIVISION 27 – COMMUNICATIONS

273000	Telephone and Data Systems	(E)
275100	Sound System	(E)
275116	Intercom System.....	(E)

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

282302	Camera Cabling.....	(E)
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DIVISION 29– 30

DIVISION 31 – EARTHWORK

310505	Removal of Structures and Obstructions.....	(C)
311100	Clearing and Grubbing	(C)
312000	Earthwork.....	(C)
312300	Structural Excavation, Backfilling & Compaction.....	(C)
312318	Earthwork for Structures.....	(S)
312333	Excavation, Trenching & Backfilling	(C)
312500	Erosion Control.....	(C)
312514.16	Erosion Control Blanket.....	(C)
313700	Riprap	(C)

DIVISION 32 – EXTERIOR IMPROVEMENTS

321123	Crushed Limestone Base	(C)
321216	Asphalt Concrete Pavement.....	(C)
321216.19	Cold Milling Asphalt Pavement.....	(C)
321613	Concrete Curb & Combination Concrete Curb & Gutter	(C)
321623	Concrete Drives, Aprons and Sidewalks	(C)
321723	Traffic Pavement Markings.....	(C)
321726	Detectable Tactile Warning Surfaces	(C)
321813	Synthetic Grass Surfacing	(A)
323113	Chain Link Fences and Gates	(A)
323119	Decorative Metal Fences and Gates	(A)
329200	Turf and Grasses.....	(A)

DIVISION 33 – UTILITIES

330000.01	Site Utilities	(C)
330524.16	Steel Casing – Open Cut.....	(C)
330524.17	Steel Casing – Bored & Jacked.....	(C)
330524.40	Roadway Crossings for Utility Lines	(C)
330533.36	HDPE Drainage Pipe	(C)
330597.20	Utility Line Tracer Wire	(C)
331000	Municipal Water Distribution.....	(C)
333000	Sanitary Sewerage	(C)
333113.01	Cured in Place Pipe (CIPP).....	(C)
334000	Site Drainage	(C)
334200	Storm Drainage	(C)
334231	Engineered Surfaced Drainage Products.....	(C)

DBA 22034.03

Addendum One
Meridian High School
Baseball/Softball
Meridian, Mississippi

28 March 2023

DIVISION 34 – 49 – NOT USED

APPENDIX

Report of Geotechnical Exploration for Thomas Edwards High School Additions by W. Geotechnical and Testing, Inc., dated January 6, 2022.....	1 – 10
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END OF SECTION 000110

SECTION 102239 - FOLDING PANEL PARTITIONS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Operable acoustical panel partitions.

B. Related Requirements:

1. Section 055000 "Metal Fabrications" for supports that attach supporting tracks to overhead structural system.
2. Section 092900 "Gypsum Board" for fire-rated assemblies and sound barrier construction above the ceiling at track.
3. Section 102226.13 "Accordion Folding Partitions" for accordion-type folding partitions having a pantograph mechanism and outer flexible covering, or narrow, vertically hinged segments.
4. Section 102239.13 "Folding Glass-Panel Partitions" for operable panel partitions made of glass panels.
5. Electrical and communications Sections for electrical service and connections for motor operators, controls, and limit switches and for system disconnect switches.

1.2 DEFINITIONS

- A. NIC: Noise Isolation Class.
- B. NRC: Noise Reduction Coefficient.
- C. STC: Sound Transmission Class.

1.3 ACTION SUBMITTALS

A. Product Data:

1. Operable acoustical panel partitions.

B. Shop Drawings: For operable panel partitions.

1. Include plans, elevations, sections, attachment details, and numbered panel installation sequence.
2. Indicate stacking and operating clearances. Indicate location and installation requirements for hardware and track, blocking, and direction of travel.
3. Include diagrams for power, signal, and control wiring.

C. Samples for Initial Selection: For each type of exposed material, finish, covering, or facing.

1. Include Samples of accessories involving color selection.

1.4 INFORMATIONAL SUBMITTALS

- A. Coordination Drawings: Reflected ceiling plans, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:
 1. Partition track, track supports and bracing, switches, turning space, and storage layout.
 2. Suspended ceiling components.
 3. Structural members to which suspension systems will be attached.
 4. Size and location of initial access modules for acoustical tile.
 5. Items penetrating finished ceiling including the following:
 - a. Lighting fixtures.
 - b. HVAC ductwork, outlets, and inlets.
 - c. Speakers.
 - d. Sprinklers.
 - e. Smoke detectors.
 - f. Access panels.
- B. Product Certificates: For each type of operable panel partition.
 1. Include approval letter signed by manufacturer acknowledging Owner-furnished panel facing material complies with requirements.
- C. Sample Warranty: For manufacturer's special warranty.

1.5 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For operable panel partitions to include in maintenance manuals.
 1. In addition to items specified in Section 017823 "Operation and Maintenance Data," include the following:
 - a. Panel finish facings and finishes for exposed trim and accessories. Include precautions for cleaning materials and methods that could be detrimental to finishes and performance.
 - b. Seals, hardware, track, track switches, carriers, and other operating components.
 - c. Electric operator and controls.

1.6 MAINTENANCE MATERIAL SUBMITTALS

1.7 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Protectively package and sequence panels in order for installation. Clearly mark packages and panels with numbering system used on Shop Drawings. Do not use permanent markings on panels.

1.9 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of operable panel partitions that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Faulty operation of operable panel partitions.
 - b. Deterioration of metals, metal finishes, and other materials beyond normal use.
 - 2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Acoustical Performance: Provide operable panel partitions tested by a qualified testing agency for the following acoustical properties in accordance with test methods indicated:
 - 1. Sound-Transmission Requirements: Operable panel partition assembly tested for laboratory sound-transmission loss performance in accordance with ASTM E90, determined by ASTM E413, and rated for not less than the STC indicated.
- B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

2.2 OPERABLE ACOUSTICAL PANEL PARTITIONS

- A. Operable Acoustical Panel Partitions : Partition system, including panels, seals, finish facing, suspension system, operators, and accessories.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Advanced Equipment Corporation.
 - b. KWIK-WALL Company.
 - c. Moderco Inc.
 - d. Modernfold, Inc.
- B. Panel Operation: Manually operated, individual panels.
- C. Panel Construction: As required to support panel from suspension components and with reinforcement for hardware attachment. Fabricate panels with tight hairline joints and concealed fasteners. Fabricate panels so finished in-place partition is rigid; level; plumb; aligned, with tight joints and uniform appearance; and free of bow, warp, twist, deformation, and surface and finish irregularities.

- D. Dimensions: Fabricate operable acoustical panel partitions to form an assembled system of dimensions indicated and verified by field measurements.
 - 1. Panel Width: Standard widths .
- E. STC: Not less than 38 .
- F. Panel Weight: 8 lb/sq. ft. maximum.
- G. Panel Thickness: Nominal dimension of 3 inches .
- H. Panel Closure: Manufacturer's standard unless otherwise indicated.
- I. Hardware: Manufacturer's standard as required to operate operable panel partition and accessories; with decorative, protective finish.
 - 1. Hinges: Manufacturer's standard .
- J. Finish Facing: High-pressure decorative laminate .

2.3 PANEL FINISH FACINGS

- A. Description: Finish facings for panels that comply with indicated fire-test-response characteristics and that are factory applied to operable panel partitions with appropriate backing, using mildew-resistant nonstaining adhesive as recommended by facing manufacturer's written instructions.
 - 1. Apply one-piece, seamless facings free of air bubbles, wrinkles, blisters, and other defects, with edges tightly butted, and with no gaps or overlaps. Horizontal butted edges are not permitted. Tightly secure and conceal raw and selvage edges of facing for finished appearance.
 - 2. Where facings with directional, repeating, or matching grain are indicated, mark facing top and attach facing in same direction.
 - 3. Match facing pattern 72 inches above finished floor.
- B. High-Pressure Decorative Laminate: ISO 4586-3, Horizontal grade.
 - 1. Color/Pattern: As selected by Architect from manufacturer's full range .
- C. Cap-Trimmed Edges: Protective perimeter-edge trim with tight hairline joints concealing edges of panel and finish facing, finished as follows:
 - 1. Aluminum: Finished with manufacturer's standard clear anodic finish.
- D. Trimless Edges: Fabricate exposed panel edges so finish facing wraps uninterrupted around panel, covering edge and resulting in an installed partition with facing visible on vertical panel edges, without trim, for minimal sightlines at panel-to-panel joints.

2.4 SUSPENSION SYSTEMS

- A. Tracks: Steel or aluminum mounted directly to overhead structural support, designed for operation, size, and weight of operable panel partition indicated. Size track to support partition operation and storage without damage to suspension system, operable panel partitions, or adjacent construction. Limit track deflection to no more than 0.10 inch between bracket supports. Provide a continuous system of track sections and accessories to accommodate configuration and layout indicated for partition operation and storage.
 - 1. Panel Guide: Aluminum guide on both sides of the track to facilitate straightening of the panels; finished with factory-applied, decorative, protective finish.
 - 2. Head Closure Trim: As required for acoustical performance; with factory-applied, decorative, protective finish .
- B. Carriers: Trolley system as required for configuration type, size, and weight of partition and for easy operation; with ball-bearing wheels.
 - 1. Multidirectional Carriers: Capable of negotiating intersections without track switches.
- C. Track Intersections, Switches, and Accessories: As required for operation, storage, track configuration, and layout indicated for operable panel partitions, and compatible with partition assembly specified. Fabricate track intersections and switches from steel or aluminum.
 - 1. Multidirectional Switches: Adjustable switch configuring track into L, T, or X intersections and allowing panels to be moved in all pass-through, 90-degree change, and cross-over travel direction combinations.
- D. Aluminum Finish: Mill finish or manufacturer's standard, factory-applied, decorative finish unless otherwise indicated.
- E. Steel Finish: Manufacturer's standard, factory-applied, corrosion-resistant, protective coating unless otherwise indicated.

2.5 ACCESSORIES

- A. Pass Doors: Swinging door built into and matching panel materials, construction, acoustical qualities, fire rating, finish and thickness, complete with frames and operating hardware. Hinges finished to match other exposed hardware.
 - 1. Accessibility Standard: Fabricate doors to comply with applicable provisions in the USDOJ's "2010 ADA Standards for Accessible Design" .

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine flooring, floor levelness, structural support, and opening, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of operable panel partitions.

- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION OF OPERABLE PANEL PARTITIONS

- A. Install operable panel partitions and accessories after other finishing operations, including painting, have been completed in area of partition installation.
- B. Install panels in numbered sequence indicated on Shop Drawings.
- C. Broken, cracked, chipped, deformed, or unmatched panels are not acceptable.
- D. Broken, cracked, deformed, or unmatched gasketing or gasketing with gaps at butted ends is not acceptable.
- E. Light-Leakage Test: Illuminate one side of partition installation and observe vertical joints and top and bottom seals for voids. Adjust partitions for alignment and full closure of vertical joints and full closure along top and bottom seals. Perform test and make adjustments before NIC testing.

3.3 ADJUSTING

- A. Adjust operable panel partitions, hardware, and other moving parts to function smoothly, and lubricate as recommended by manufacturer.
- B. Adjust pass doors and storage pocket doors to operate smoothly and easily, without binding or warping.
- C. Verify that safety devices are properly functioning.

3.4 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain operable panel partitions.

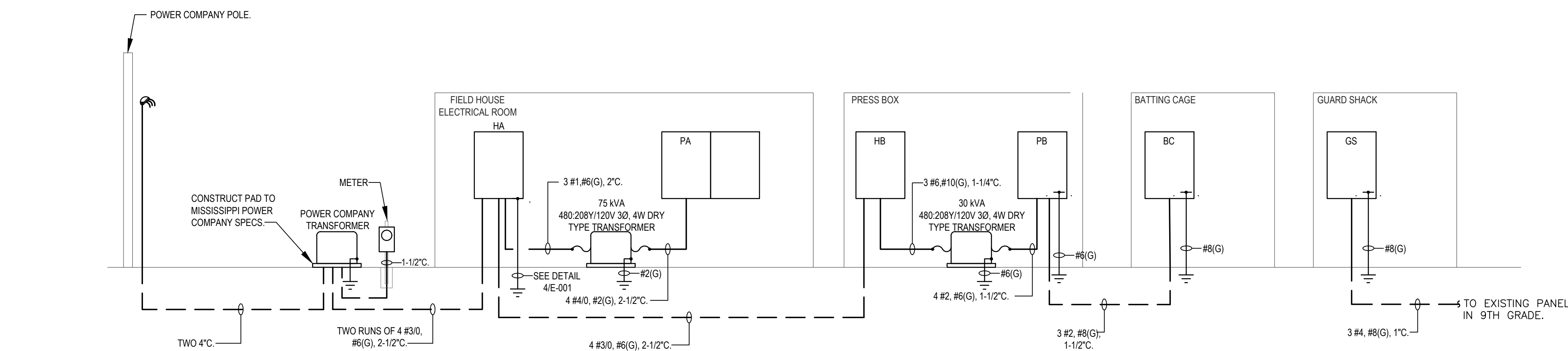
END OF SECTION 102239

ELECTRICAL LEGEND

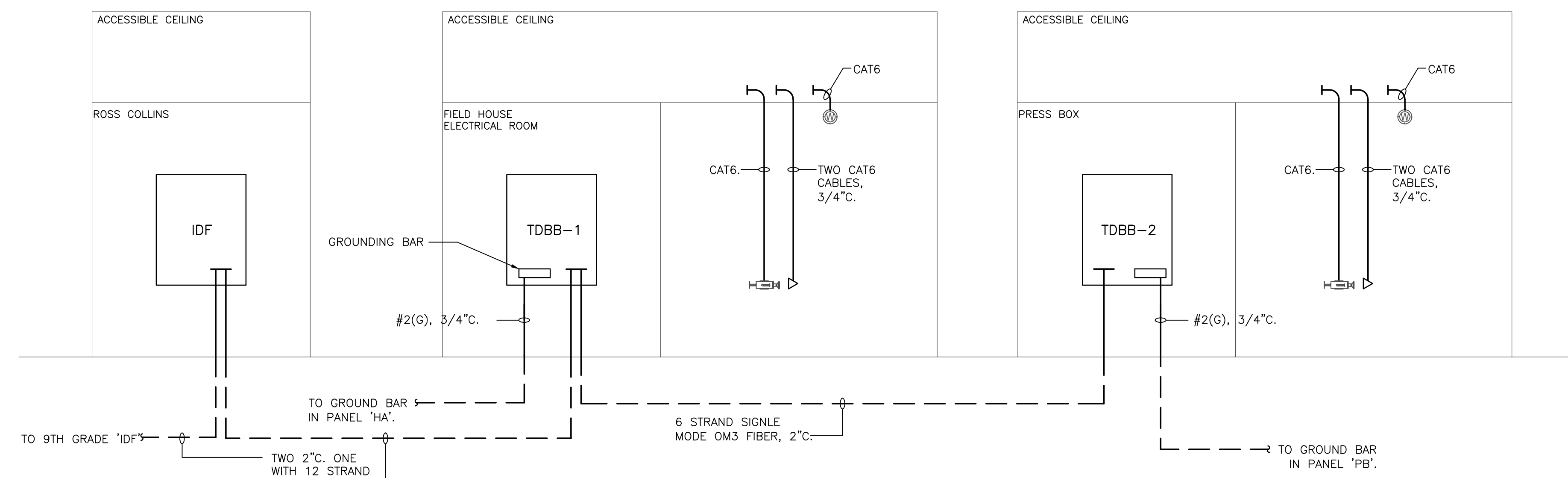
GENERAL NOTES		CONDUIT AND WIRING																												
<p>1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.</p> <p>2. DEVICES NOTED AS "GFI" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES.</p> <p>3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.</p> <p>4. DEVICES NOTED AS "DL" SHALL BE RATED FOR DAMP LOCATION.</p> <p>5. DEVICES NOTED AS "NL" SHALL BE NIGHT LIGHTS. PROVIDE UNSWITCHED POWER TO FIXTURE.</p> <p>6. DEVICES NOTED AS "WG" SHALL BE PROVIDED AND INSTALLED WITH A WIRE GUARD.</p> <p>7. DEVICES NOTED AS "TR" SHALL BE TAMPER RESISTANT.</p> <p>8. PROVIDE UNSWITCHED POWER TO EMERGENCY BATTERY PACKS.</p> <p>9. "W/E" INDICATES DEVICE/DISCONNECT PROVIDED WITH THE EQUIPMENT BY OTHERS.</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 TEXT 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>PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT IN A JUNCTION BOX PRIOR TO ENTERING THE PANELBOARD.</p> <p>LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.</p>																												
<p>LUMINAIRES (See Light Fixture Schedule)</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>1-0-1 SURFACE MOUNTED OR SUSPENDED FIXTURE.</p> <p>1-0-1-1 SURFACE MOUNTED OR SUSPENDED EMERGENCY FIXTURE.</p> <p>1-0-2 CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>1-0-3 EXIT SIGN WITH EMERGENCY LIGHTING.</p> <p>1-0-4 WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p> <p>1-0-5 WALL MOUNTED FIXTURE.</p> <p>1-0-6 SITE ARM MOUNT POLE LIGHT FIXTURE.</p> <p>1-0-7 SITE POLE TOP LIGHT FIXTURE.</p>																														
<p>SWITCHES</p> <p>1-1 SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>1-2 AUTOMATIC WALL SWITCH. SENSOR SWITCH #WSXA-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>1-3 AUTOMATIC WALL SWITCH WITH INTEGRAL 0-10V DIMMER. SENSOR SWITCH #WSXA-PDT-D-VA OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>1-4 PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 12' RADIAL COVERAGE. CEILING MOUNTED. SENSOR SWITCH #CM-PDT-9 OR APPROVED EQUAL.</p> <p>1-5 PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 22' RADIAL COVERAGE. CEILING MOUNTED. SENSOR SWITCH #CM-PDT-10 OR APPROVED EQUAL.</p> <p>1-6 PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 2000 SQ. FT. COVERAGE. MOUNT IMMEDIATELY BELOW CEILING. SENSOR SWITCH #WW-PDT-16 OR APPROVED EQUAL.</p> <p>1-7 POWER PACK MOUNTED ABOVE CEILING. SENSOR SWITCH #PP20 OR APPROVED EQUAL.</p>		<p>MISCELLANEOUS</p> <p>1-8 CONTACTOR.</p> <p>1-9 PHOTOCELL.</p> <p>1-10 CEILING MOUNTED JUNCTION BOX.</p> <p>1-11 WALL MOUNTED JUNCTION BOX.</p> <p>1-12 FLEXIBLE CONNECTION TO EQUIPMENT.</p>																												
<p>VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS</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>< 50'</td> <td>#12</td> </tr> <tr> <td>120</td> <td>> 50'</td> <td>#10</td> </tr> <tr> <td>120</td> <td>> 90'</td> <td>#8</td> </tr> <tr> <td>120</td> <td>> 140'</td> <td>#6</td> </tr> <tr> <td>277</td> <td>< 130'</td> <td>#12</td> </tr> <tr> <td>277</td> <td>> 130'</td> <td>#10</td> </tr> <tr> <td>277</td> <td>> 200'</td> <td>#8</td> </tr> <tr> <td>277</td> <td>> 330'</td> <td>#6</td> </tr> </tbody> </table> <p>VOLTAGE DROP CHART NOTES:</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>CCTV SYSTEM</p> <p>1-13 CEILING MOUNTED CAMERA.</p> <p>1-14 WALL MOUNTED CAMERA.</p> <p>1-15 INSIDE CORNER MOUNTED CAMERA.</p> <p>1-16 OUTSIDE CORNER MOUNTED CAMERA.</p>	
Voltage	Circuit Length	Conductor Size (AWG)																												
120	< 50'	#12																												
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277	> 330'	#6																												
<p>INTERCOM SYSTEM</p> <p>1-17 CEILING SPEAKER.</p> <p>1-18 WALL MOUNT SPEAKER.</p> <p>1-19 CALL-IN SWITCH.</p>		<p>RECEPTACLES</p> <p>1-20 DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>1-21 DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>1-22 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>1-23 SINGLE RECEPTACLE, NEMA 6-30R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>1-24 DUPLEX RECEPTACLE WITH USB PORT, NEMA 5-20R PASS & SEYMOUR #1MB26USBW OR EQUAL, MOUNTED 45" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>1-25 WEATHER PROOF DUPLEX RECEPTACLE, LEGRAND XB814, WP, MOUNTED IN GRADE.</p>																												
<p>COMMUNICATIONS</p> <p>1-26 DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>1-27 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>1-28 WIRELESS ACCESS POINT BY OTHERS. PROVIDE A CAT6 CABLE.</p>		<p>COMMUNICATIONS</p> <p>1-29 DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>1-30 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>1-31 WIRELESS ACCESS POINT BY OTHERS. PROVIDE A CAT6 CABLE.</p>																												

LIGHTING FIXTURE SCHEDULE

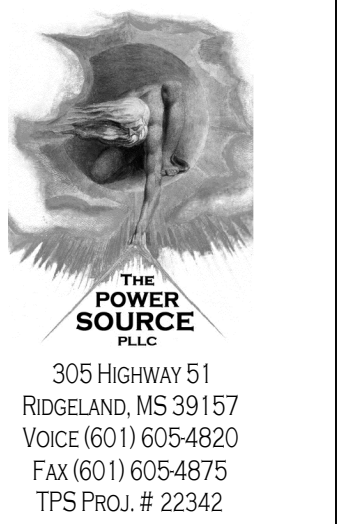
TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	EPANL-2X2-4800LM-80CRI-40K-MIN10-ZT-MVOLT	LED, 45W 4,843 LUMENS	RECESSED	
AE	LITHONIA	EPANL-2X2-4800LM-80CRI-40K-MIN10-ZT-MVOLT-E10WPCP	LED, 45W 4,843 LUMENS	RECESSED	-WITH EMERGENCY BATTERY PACK.
B	LITHONIA	ZL1N-L48-5000LM-FST-MVOLT-40K-80CRI-WH	LED, 34.3W 4,585 LUMENS	SURFACE	
BE	LITHONIA	ZL1N-L48-5000LM-FST-MVOLT-40K-80CRI-WH-E10WPCP	LED, 34.3W 4,585 LUMENS	SURFACE	-WITH EMERGENCY BATTERY PACK.
C	LITHONIA	FEM-L48-3000LM-LPPCL-MD-MVOLT-GZ10-40K-80CRI	LED, 18.1W 2,770 LUMENS	SURFACE	
CE	LITHONIA	FEM-L48-3000LM-LPPCL-MD-MVOLT-GZ10-40K-80CRI-E10WPCP	LED, 18.1W 2,770 LUMENS	SURFACE	-WITH EMERGENCY BATTERY PACK.
D	LITHONIA	FEM-L48-6000LM-LPPCL-WD-MVOLT-GZ10-40K-80CRI	LED, 37.8W 5,444 LUMENS	SURFACE	
F	LITHONIA	WDGE2-LED-P2-40K-80CRI-T4M-MVOLT-DDBXD	LED, 10W 2,000 LUMENS	WALL	
FE	LITHONIA	WDGE2-LED-P2-40K-80CRI-T4M-MVOLT-E10WH-DDBXD	LED, 10W 2,000 LUMENS	WALL	-WITH EMERGENCY BATTERY PACK.
G	LITHONIA	EPANL-2X2-4000LM-80CRI-40K-MIN10-ZT-MVOLT	LED, 37W 4,121 LUMENS	RECESSED	
H	LITHONIA	FEM-L24-6000LM-LPPCL-WD-MVOLT-GZ10-40K-80CRI	LED, 26W 3,788 LUMENS	SURFACE	
HE	LITHONIA	FEM-L24-6000LM-LPPCL-WD-MVOLT-GZ10-40K-80CRI	LED, 26W 3,788 LUMENS	SURFACE	-WITH EMERGENCY BATTERY PACK.
J	VISA LIGHTING	OV2100-60-L40K(H)-MVOLT-WIDE SWF-6"	LED, 69W 8,900 LUMENS	SURFACE	*-SELECTED BY ARCHITECT.
X	LITHONIA	LQM-S-W-3-R-MVOLT-EL N	LED	WALL/ CEILING	-WITH EMERGENCY BATTERY PACK.
SA	LITHONIA	RSX1-LED-P3-40K-R4-XVOLT-SPA-DDBXD-DM19AS-PER7-DL480F-1.5-CUL-JU	LED, 109W 14,206 LUMENS	POLE	POLE #SSS-25'-4G'-DM19AS-DDBXD -WITH PHOTOCELL.
SB	LITHONIA	RSX1-LED-P3-40K-R4-XVOLT-SPA-EGS-DDBXD-DM19AS-PER7-DL480F-1.5-CUL-JU	LED, 109W 14,206 LUMENS	POLE	POLE #SSS-25'-4G'-DM19AS-DDBXD -WITH PHOTOCELL.
SC	LITHONIA	DSXF1-LED-P2-40K-FLMVOLT-IS-PE-DDBXD	LED, 42W 4,546 LUMENS	STANCHION	



1 ONE-LINE DIAGRAM
E-000 Scale: NONE

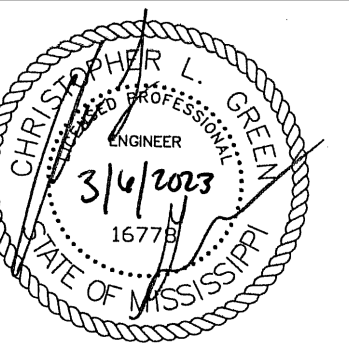


2 DATA RISER DIAGRAM
E001 Scale: NONE



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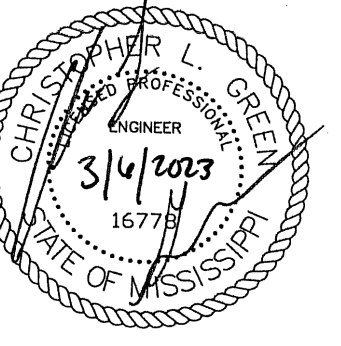
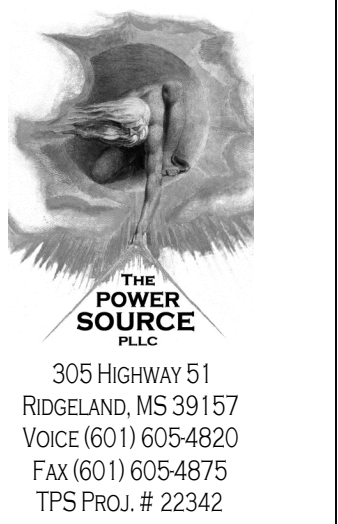


Meridian School District Bond Issue
Meridian, MS

Construction Documents

Project No	22034
Date	March 6, 2023
Revisions	Rev Date
Drawn	BRC
Checked	CLG
2023-03-28	

Meridian High
Baseball Field
E-000
ELECTRICAL LEGEND



PANEL HA ELECTRICAL ROOM 480Y/277V, 3Ø, 4W 400A MAIN BREAKER SURFACE BOTTOM FEED 225A MAIN BREAKER SURFACE

PANEL HB ELECTRICAL ROOM 480Y/277V, 3Ø, 4W 200A MAIN BREAKER SURFACE BOTTOM FEED 200A MAIN BREAKER SURFACE

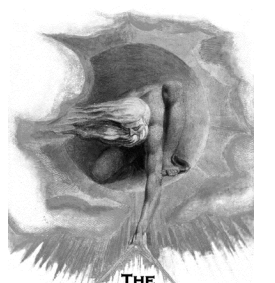
PANEL PA - SEC. 1 ELECTRICAL ROOM 2Ø8Y/12ØV, 3Ø, 4W 225A MAIN BREAKER SURFACE BOTTOM FEED 225A MAIN BREAKER SURFACE

PANEL PB PRESS BOX 2Ø8Y/12ØV, 3Ø, 4W 100A MAIN BREAKER SURFACE BOTTOM FEED MAIN LUGS ONLY SURFACE

PANEL PA - SEC. 2 ELECTRICAL ROOM 2Ø8Y/12ØV, 3Ø, 4W 225A MAIN BREAKER SURFACE TOP FEED MAIN LUGS ONLY RECESSED

PANEL BC BATTING CAGE 2Ø8/12ØV, 1Ø, 3W 3ØA MAIN BREAKER SURFACE NEMA 3R ENCLOSURE

PANEL GS BATTING CAGE 2Ø8/12ØV, 1Ø, 3W 6ØA MAIN BREAKER SURFACE BOTTOM FEED 6ØA MAIN BREAKER SURFACE



**DALE
BAILEY**
AN ASSOCIATION

**THE
POWER
SOURCE**
A/E/C

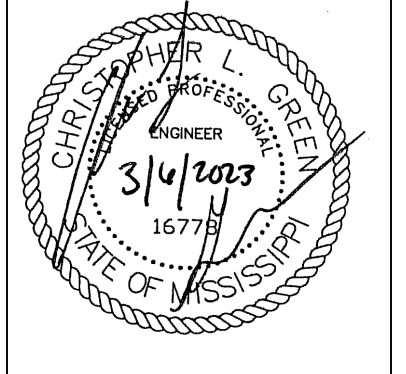
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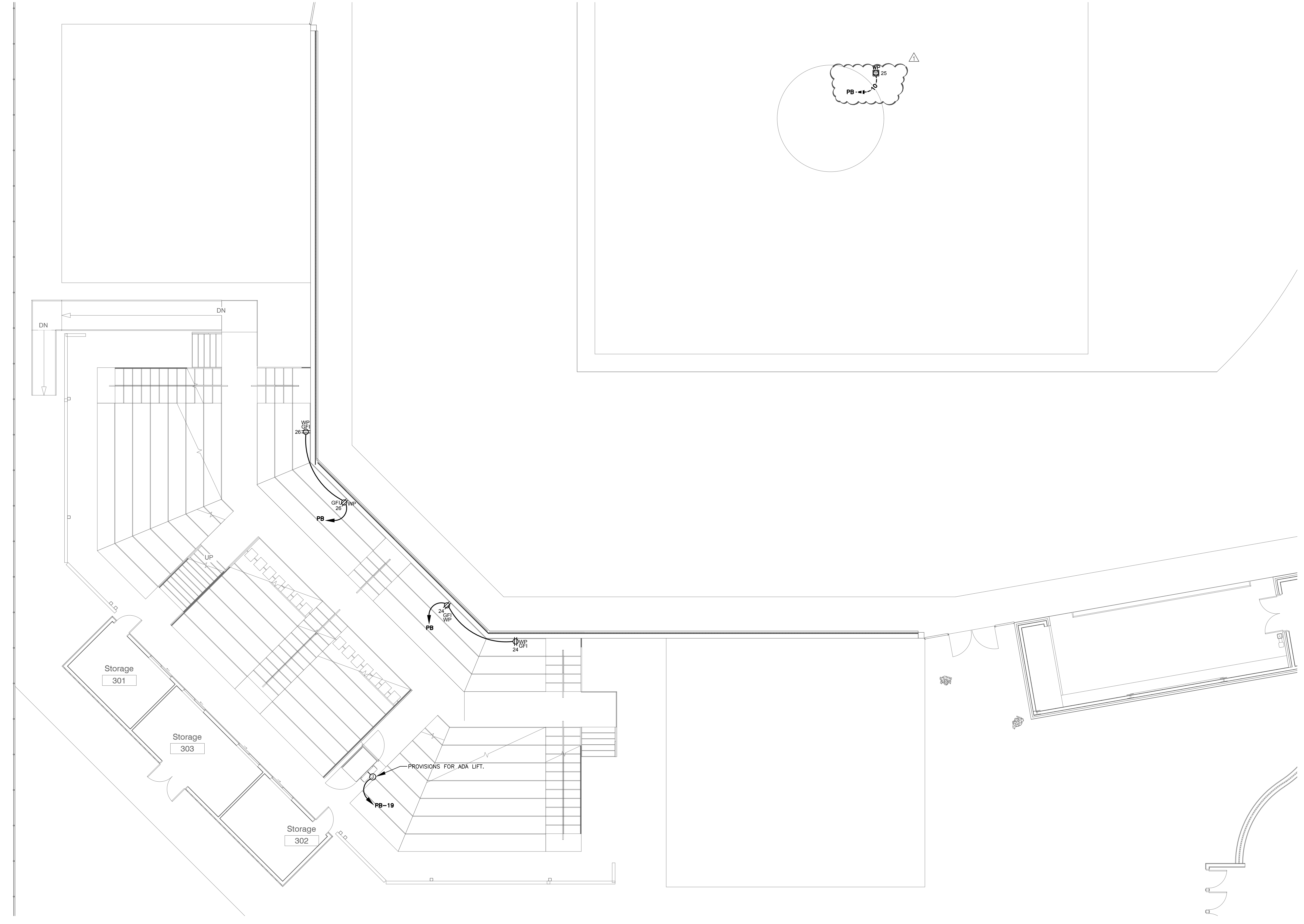


Meridian School District Bond Issue
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Construction Documents

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Date	March 6, 2023
Revisions	Rev Date
Drawn	BRC
Checked	CLG

2023-03-28



1 STADIUM - POWER PLAN BASE BID
E-102 Scale: 1/8" = 1'-0"

Meridian High
Baseball Field
E-201B
OVERALL LIGHTING
PLAN - ALT 001