D+P Architects, PLLC
P.O. Box 703
Meridian, MS 39302
www.davispurdyarchitects.com

Marion City Hall Rebid

ADDENDUM NO. 1

TO: All Bidders on the Above Referenced Product
FROM: Davis Purdy Architects, PLLC
DATE: November 21, 2025
SUBJECT: **ADDENDUM NO. 1**

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM IS REQUIRED ON BID FORM.

Clarifications and revisions to Contract Documents for the referenced project are as follows:

1. **ADD:** Add the **Pre-Bid Conference Meeting Minutes** & Sign in Sheet. Pre-Bid Conference Minutes are attached.

2. **REPLACE:** The Bids for this project will be opened at 2:00PM at Marion City Hall on **Thursday, December 4th** instead of Tuesday, December 2nd.

3. **REPLACE:** Specification section **00 00 01 – PROJECT MANUAL INDEX** dated 11/1/2025 with **00 00 01 – PROJECT MANUAL INDEX** dated 11/21/2025. Specification Section 00 00 01 is attached

4. **REPLACE:** Specification section **00 43 21 – ALLOWANCE FORM** dated 11/1/2025 with **00 43 21 – ALLOWANCE FORM** dated 11/21/2025. Specification Section 00 43 21 is attached.

5. **REPLACE:** Specification section **00 43 23 – ALTERNATES FORM** dated 11/1/2025 with **00 43 23 – ALTERNATES FORM** dated 11/21/2025. Specification Section 00 43 23 is attached

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6. **REMOVE:** Specification section **07 41 00 – PREFORMED METAL STANDING SEAM ROOF** dated 11/1/2025

7. **ADD:** Specification section **09 65 19 – LUXURY VINYL TILE** dated 11/21/2025. Specification Section 09 65 19 is attached.

8. **ADD:** Specification section **09 65 19 – PARQUET LUXURY VINYL TILE** dated 11/21/2025. Specification Section 09 65 19 is attached

9. **ADD:** Specification section **09 65 19 – PLANK LUXURY VINYL TILE** dated 11/21/2025. Specification Section 09 65 19 is attached

10. **REPLACE:** Specification section **09 68 13 – TILE CARPETING** dated 11/1/2025 with Specification Section **09 68 13 – CARPET TILE** dated 11/21/2025. Specification Section 09 68 13 is attached

11. **ADD:** Specification section **10 71 13 – EXTERIOR SUN CONTROL DEVICES** dated 11/21/2025. Specification Section 10 71 13 is attached

12. **REPLACE:** Specification section **13 34 10 – PRE-ENGINEERED METAL BUILDING SYSTEMS** dated 11/1/2025 with **13 34 10 – PRE-ENGINEERED METAL BUILDING SYSTEMS** dated 11/21/2025. Specification Section 13 34 10 is attached

13. **CLARIFICATION:** Contractor to use dimensions on the Architectural drawings in lieu of structural where discrepancies are found for the raised platform in the courtroom. Contractor to use ¾” plywood for deck of platform in lieu of 5/8” shown in drawings.

14. **CLARIFICATION:** The Contractor may pour the foundation and slab in separate pours as long as the following conditions are met: The top 8 inches of the grade beams and footings may be part of a 2nd pour. At all grade beams, 1st pour, the reinforcement shear ties shown as #3 at 24"o/c should be formed such that they project as required out and above the 1st pour. The exposed 1st pour upper surface should be rough, unfinished and clean, no dirt or debris. In addition the diagonal top bars shown in Section A and G should extend out of the 1st pour as shown in (4) directions at the interior columns, (3) directions at the exterior columns excluding the

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corner columns which should project in (2) directions. Diagonal bars that terminate at the outside columns should have a 90 degree bend to the terminating end.

15. **CLARIFICATION:** Interior Columns are shown as proposed locations only, final design of the PEMB column layout will be the responsibility of the Contractor with approval from the Architect

16. **CLARIFICATION: SPECIFICATION SECTION 09 74 13 – PERFORATED WOOD WALL PANELS:**

    Veneer Species to be: **White Oak**

    Manufacturer and Product Description to be ASI Architectural Microperf wood wall panels ***or equal.***

17. **CLARIFICATION: SPECIFICATION SECTION 08 80 00- GLAZING:**

    Approved Substitution for Storefrong Glazing:

    Solarban 70XL on solar gray, low-iron glass.

18. **REPLACE:** Drawing Page **T1.0 – TITLE SHEET** dated 11/1/2025 with the Drawing Page **T1.0 – TITLE SHEET** dated 11/21/2025. Drawing page T1.0 is attached.

19. **REPLACE:** Drawing Page **A1.0 – FLOOR PLAN** dated 11/1/2025 with the Drawing Page **A1.0 – FLOOR PLAN** dated 11/21/2025. Drawing page A1.0 is attached.

20. **REPLACE:** Drawing Page **A2.0 – EXTERIOR ELEVATIONS** dated 11/1/2025 with the Drawing Page **A2.0 – EXTERIOR ELEVATIONS** dated 11/21/2025. Drawing page A2.0 is attached.

21. **REPLACE:** Drawing Page **A3.0 – BUILDING SECTIONS** dated 11/1/2025 with the Drawing Page **A3.0 – BUILDING SECTIONS** dated 11/21/2025. Drawing page A3.0 is attached.

22. **REPLACE:** Drawing Page **A3.1 – BUILDING SECTIONS** dated 11/1/2025 with the Drawing Page **A3.1 – BUILDING SECTIONS** dated 11/21/2025. Drawing page A3.1 is attached.

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23. **REPLACE:** Drawing Page **A5.0 – DOOR SCHEDULE** dated 11/1/2025 with the Drawing Page **A5.0 – DOOR SCHEDULE** dated 11/21/2025. Drawing page A5.0 is attached.

24. **ADD:** Drawing Page **6.2 – FLOOR FINISH DIAGRAM** dated 11/21/2025. Drawing page A6.2 is attached.

Submitted By

Mark Davis, AIA
Davis Purdy Architects, PLLC
October 16,2025

ACKNOWLEDGEMENT OF RECEIPT OF THIS ADDENDUM IS REQUIRED AND SHALL BE INDICATED ON BID FORM

Marion City Hall
Pre- Bid Conference Minutes
11/12/25

See Attached Sign in sheet for attendees

Meeting was called to order at 10:00AM

Mr. Davis reviewed the project and bidding procedures outlined in the project manual.

Mr. Davis discussed changes to the project since the previous bid:

- Several alternates have been identified
- Flooring Allowances have changed

Questions/concerns from Contractors:

- Alternate 3 – Alternate Roof Assembly
    - Contractors stated that the alternate is difficult to quantify. Architect to clarify in addendum.
- Alternate 4 - Alternate Paving Layout
    - Contractors stated that the diagram is difficult to understand scope of work. Architect to clarify in addendum
- Alternate 5 – Site Grading by Owner
    - Contractors stated that the alternate is difficult to quantify. Architect to clarify in addendum

Meeting was adjourned

Prepared by Mark Davis

DAVIS·PURDY ARCHITECTS

Marion City Hall – Pre- Bid Conference

11/12/25 - Sign in Sheet

	Name	Company	Email
1.	Mark Davis	DP Arch	Mark@davispurdyarchitects.com
2.	JOHN PURDY	DP ARCHITECTS	john@davispurdyarchitects.com
3.	Colby Ethridge	D&E Construction	Colby@deandeConstruction.Com
4.	MARK CARTER	TOMLEY MARK	MCARTER@TOMLEYMARK.COM
5.	Randy McGowen	Jackson Bros	mcgowenrm@yahoo.com
6.	LARRY GILL	Town of MARION	Mayor@marionms.org
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			

00 00 01
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SECTION 00 43 21
ALLOWANCE FORM

SECTION 00 43 21 - ALLOWANCE FORM

1.1 BID INFORMATION

A. Bidder: _____.

B. Project Name: Marion City Hall Rebid

C. Project Location: 6021 Dale Drive, Marion, MS 39342

D. Owner: Town of Marion

E. Architect: Davis Purdy Architects, PLLC

F. Architect Project Number: 25-009

1.2 BID FORM SUPPLEMENT

A. This form is required to be attached to the Bid Form.

B. The undersigned Bidder certifies that Base Bid submission to which this Bid Supplement is attached includes those allowances described in the Contract Documents and scheduled in Section 01 21 00 "Allowances."

1.3 SCHEDULE OF ALLOWANCES

A. Allowance No. 1: Door Hardware: Include in the Bid amount One Thousand Dollars ($1,000.00) per door leaf for the purchase and installation of door hardware.

B. Allowance No. 2: Porcelain Floor & Wall Tile: Include in the Bid amount of Twelve Dollars per square foot ($12/sf) for the purchase of porcelain wall and floor tile materials.

C. Allowance No. 3: Contingency Allowance: Include in the Bid amount of Ten Thousand Dollars ($10,000.00) for any unforeseen circumstances and/or conditions.

1.4 SUBMISSION OF BID SUPPLEMENT

A. Respectfully submitted this ____ day of _____, 2025.

B. Submitted By:_____(Insert name of bidding firm or corporation).

C. Authorized Signature:_____(Handwritten signature).

SECTION 00 43 21
ALLOWANCE FORM

D. Signed By:_____(Type or print name).

E. Title: _____(Owner/Partner/President/Vice President).

END OF SECTION 00 43 21

SECTION 00 43 23 - ALTERNATES FORM

1.1 BID INFORMATION

A. Bidder: _____.

B. Prime Contract: _____.

C. Project Name: Marion City Hall Rebid

D. Project Location: 6021 Dale Drive, Marion, MS 39342

E. Owner: Town of Marion

F. Architect: Davis Purdy Architects, PLLC

G. Architect Project Number: 25-009

BID FORM SUPPLEMENT

H. This form is required to be attached to the Bid Form.

1.2 DESCRIPTION

A. The undersigned Bidder proposes the amount below be added to or deducted from the Base Bid if particular alternates are accepted by Owner. Amounts listed for each alternate include costs of related coordination, modification, or adjustment.

B. If the alternate does not affect the Contract Sum, the Bidder shall indicate "NO CHANGE."

C. If the alternate does not affect the Work of this Contract, the Bidder shall indicate "NOT APPLICABLE."

D. The Bidder shall be responsible for determining from the Contract Documents the affects of each alternate on the Contract Time and the Contract Sum.

E. Owner reserves the right to accept or reject any alternate, in any order, and to award or amend the Contract accordingly within 60 days of the Notice of Award unless otherwise indicated in the Contract Documents.

F. Acceptance or non-acceptance of any alternates by the Owner shall have no affect on the Contract Time unless the "Schedule of Alternates" Article below provides a formatted space for the adjustment of the Contract Time.

SECTION 00 43 23
ALTERNATES FORM

1.3 SCHEDULE OF ALTERNATES

A. **Alternate No. 1**: Use 3/4" plywood panels with plastic laminate in lieu of perforated wood panels on the walls in courtroom, ceiling finish to be 5/8" gypsum board on metal studs, painted:

1. ADD__ __ DEDUCT____ NO CHANGE____ NOT APPLICABLE____.
2. _____ Dollars ($_____).
3. ADD____ DEDUCT____ calendar days to adjust the Contract Time for this alternate.

B. **Alternate No. 2**: Omit perforated wood panels in courtroom, wall finish to be 5/8" gypsum board, painted. Ceiling finish to be 5/8" gypsum board on metal studs, painted:

1. ADD____ DEDUCT____ NO CHANGE____ NOT APPLICABLE____.
2. _____ Dollars ($_____).
3. ADD____ DEDUCT____ calendar days to adjust the Contract Time for this alternate.

C. **Alternate No. 3**: Contractor to use alternate paving layout described in detail "PAVING ALTERNATES" on page C3.0 - SITE PLAN. Alternate includes PAVING ALT 1, 2, & 3:

1. ADD____ DEDUCT____ NO CHANGE____ NOT APPLICABLE____.
2. _____ Dollars ($_____).
3. ADD____ DEDUCT____ calendar days to adjust the Contract Time for this alternate.

D. **Alternate No. 4**: All luxury vinyl tile flooring to be 2.5mm thick in lieu of 5mm.

1. ADD____ DEDUCT____ NO CHANGE____ NOT APPLICABLE____.
2. _____ Dollars ($_____).
3. ADD____ DEDUCT____ calendar days to adjust the Contract Time for this alternate.

E. **Alternate No. 5**: Omit sunshades on courtroom windows.

1. ADD____ DEDUCT____ NO CHANGE____ NOT APPLICABLE____.
2. _____ Dollars ($_____).
3. ADD____ DEDUCT____ calendar days to adjust the Contract Time for this alternate.

SECTION 00 43 23
ALTERNATES FORM

1.4 SUBMISSION OF BID SUPPLEMENT

A. Respectfully submitted this ____ day of _____, 2025.

B. Submitted By:_____(Name of bidding firm or corporation).

C. Authorized Signature:_____(Handwritten signature).

D. Signed By:_____(Type or print name).

E. Title:_____(Owner/Partner/President/Vice President).

END OF SECTION 00 43 23

SECTION 09 65 19
LUXURY VINYL TILE

SECTION 09 65 19 – LUXURY VINYL TILE

PART 1 – GENERAL INFORMATION

1.01 SUMMARY

A. This section deals with resilient flooring found in the drawings and schedules of the contract that meet the requirements of this section.

1.02 RELATED SECTIONS

A. Section 3 – Cement: not covered in this section.

B. Section 6 – Wood and plastic: not covered in this section.

C. Section 7 – Thermal and humidity protection: not covered in this section.

D. Section 9 – Other sections containing information related to floor finishes: not covered in this section.

1.03 REFERENCES (INDUSTRY STANDARDS)

A. ASTM F 710: Practice for Preparing Concrete Floors to Receive Resilient Flooring.

B. ASTM E 648: Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.

C. ASTM E 662: Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

D. ASTM F 1869: Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.

E. ASTM F 2170: Determining Relative Humidity in Concrete Floor Slabs Using in Situ Probes.

1.04 ITEMS TO DELIVER

A. Provide the product's Technical Specifications data sheet as well as all installation and maintenance instructions.

B. When required, supply floor drawings and installation plans.

C. Supply a set of samples measuring at least 3 in. (7.5 cm) by 6 in. (15 cm) of the complete range of colors and finishes chosen for the project.

D. When required, provide Mohawk Group's attestation, certified by an independent laboratory, confirming that the flooring complies with the fire standards of the following tests:

1. ASTM E 648; Critical Radiant Flux: 0.45 watts/cm^2 or more.

2. ASTM E 662; Smoke Density: 450 or less.

E. Provide Mohawk Group's Warranty Certificate.

SECTION 09 65 19
LUXURY VINYL TILE

1.05 QUALITY ASSURANCE

A. Have Mohawk Group flooring installed by an installer qualified in the installation of resilient flooring.

B. In accordance with the technical instructions in the installation instructions, use all accessories recommended by Mohawk Group when installing its flooring.

C. Follow the instructions specified in the most recent version of Mohawk Group's installation instructions.

1.06 DELIVERY, HANDLING, STORAGE

A. Deliver the flooring to the installation site in Mohawk Group's original packaging. Indicate the project name and handling instructions on the outside of the boxes.

B. Advise the carrier of any damaged material and indicate it on the packing slip.

C. Store the flooring inside, sheltered from extreme hot or cold temperatures. Place the material on a smooth level floor or where there is uniform solid support in a clean, dry, well-ventilated area. The long-term storage temperature must be maintained between 65°F (18°C) and 85°F (29°C). Protect adhesive and flooring material from freezing, extreme heat and direct sun exposure.

D. Acclimatize the subfloor, all flooring material and adhesive for 48 hours before, during and after the installation by maintaining the room temperature between 65°F (18°C) and 85°F (29°C). The pallets should be unstacked 24 hours prior to use.

E. Afterwards, maintain the room temperature between 65°F (18°C) and 85°F (29°C). Protect the material from direct sources of heat such as air vents and other types of heaters.

F. Install the flooring after all other finishing work, including painting, has been completed.

PART 2 - PRODUCTS

2.01 MANUFACTURER

Mohawk Group, 160 S. Industrial Blvd, Calhoun GA 30701 Telephone 800.241.4494. Website: www.mohawkgroup.com

A. Substitutions or Equals:

1. Substitutions are allowed only if they meet the following criteria:

a. Acceptance of alternate product(s) that are accepted as equals must be approved by parties (including, but not limited to) that have material interest in the specifications including: Designer, Architect, End-User, and Flooring Contractor.

2.02 MATERIALS

Style Name	**Mycotexture 5.0 C2123**
Collection	Hot and Heavy II
Product Type	Luxury Vinyl Tile
Size	18" x 36"
Construction	Flexible LVT

Total Thickness	5.0 mm
Wear Layer	20 mil (0.5 mm)
Finish	M-Force Ultra
Bevel	Micro Bevel
Surface Profile	Embossed
Installation	Loose Lay
Installation Method	Brick Ashlar, Herringbone, Monolithic, Random
Specify for a Cure	Eligible

This product is not recommended for environments where it could be exposed to oils and greases whether mineral, animal, or vegetable.

Refer to the product's Technical Specifications data sheet for detailed specifications.

Choose from any of Mohawk Group's complete line of colors (indicate the item number).

All specifications are subject to normal manufacturing tolerances

2.03 ADHESIVE

M95.0
M99
MS160
M700 Plus
Total Bond Adhesive

2.04 OTHER MATERIAL

A. Subfloor repairs: use a good-quality Portland cement-based compound modified with latex that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2). to fill, smooth and/or level subfloor imperfections.

B. Self-levelling underlayment: use a Portland cement-based self-levelling underlayment modified with a polymer that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2).

PART 3 – EXECUTION

3.01 SITE INSPECTION

A. Examine the subfloor before installation to ensure that the surface is clean, dry, smooth, structurally sound and free from foreign substances that may adversely affect adhesion or cause discoloration. Furthermore, ensure that the subfloor is free of paint, varnish, adhesive, oil, grease, solvent and other foreign substances, including treatment compounds, sealers and curing compounds that may adversely affect adhesion or alter the appearance or durability of the resilient flooring.

B. Verify the surface to ensure there is no powder, scaling or mold. If found remove with a mechanical sander and level with a good-quality Portland cement-based self-levelling underlayment modified with a polymer that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2).

C. Slabs that have been either using a curing agent or a sealer will have to be treated to ensure that the adhesion has not been impaired.

D. Do not install on cement slabs that have been subjected to adhesive chemical abatement unless an approved remediation system was used afterwards.

E. Report and rectify all unsatisfactory conditions. Do not start flooring installation until all rectifications have been completed.

3.02 SUBFLOOR PREPARATION

A. Level all rough surfaces and fill cracks and marks with a Portland cement-based patching compound modified with latex.

B. Mechanically remove all surface contaminants such as paint, oil, grease, varnish, adhesive as well as various other products such as treatment compounds.

C. Measure the humidity and pH levels (in situations where pH testing is required) in compliance with the following standards before installation:

1. ASTM F 2170, Relative Humidity (RH) test using in situ probes.

2. ASTM F 710, pH levels (test procedure 5.3.1).

3. The ASTM test frequency recommendation is 3 measures for the first 1,000 sq. ft. (92.9 sq. m) and one measure for each additional 1,000 sq. ft. (92.9 sq. m).

D. Ensure Moisture, Relative Humidity and pH tests have all been conducted and measurements meet manufacturer's recommendations.

E. In case of doubt, test the adhesion on the cement subfloor or other surface that will be covered by the flooring. Do the test using the specified flooring and recommended adhesive.

3.03 RESILIENT FLOORING INSTALLATION

A. Install the flooring according to the latest version of Mohawk Group's installation instructions. Use the tools, adhesives, trowel types and procedures recommended in the instructions.

B. Acclimatize the subfloor, all flooring material and adhesive for 48 hours before, during and after the installation by maintaining the room temperature between 65°F (18°C) and 85°F (29°C). Afterwards, maintain the temperature between 65°F (18°C) and 85°F (29°C).

3.04 CLEANING AND PROTECTION

A. Remove all excess adhesive immediately after installation as recommended in Mohawk Group's installation instructions.

B. Before allowing traffic after installation, consult and follow the recommendations in Mohawk Group's installation instructions.

C. Following installation and cleanup, if the work of all other trades has not yet been completed, protect the flooring by laying sheets of non-staining brown Kraft paper and then a layer of plywood sheets (rolls of non-staining heavy cardboard material could also be used for protection).

D. Follow the instructions in Mohawk Group's Maintenance Instructions when performing initial and regular maintenance procedures.

Please note that technical website documents prevail.

END OF SECTION

SECTION 09 65 19
PARQUET LUXURY VINYL TILE

SECTION 09 65 19 – PARQUET LUXURY VINYL TILE

PART 1 – GENERAL INFORMATION

1.01 SUMMARY

A. This section deals with resilient flooring found in the drawings and schedules of the contract that meet the requirements of this section.

1.02 RELATED SECTIONS

A. Section 3 – Cement: not covered in this section.

B. Section 6 – Wood and plastic: not covered in this section.

C. Section 7 – Thermal and humidity protection: not covered in this section.

D. Section 9 – Other sections containing information related to floor finishes: not covered in this section.

1.03 REFERENCES (INDUSTRY STANDARDS)

A. ASTM F 710: Practice for Preparing Concrete Floors to Receive Resilient Flooring.

B. ASTM E 648: Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.

C. ASTM E 662: Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

D. ASTM F 1869: Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.

E. ASTM F 2170: Determining Relative Humidity in Concrete Floor Slabs Using in Situ Probes.

1.04 ITEMS TO DELIVER

A. Provide the product's Technical Specifications data sheet as well as all installation and maintenance instructions.

B. When required, supply floor drawings and installation plans.

C. Supply a set of samples measuring at least 3 in. (7.5 cm) by 6 in. (15 cm) of the complete range of colors and finishes chosen for the project.

D. When required, provide Mohawk Group's attestation, certified by an independent laboratory, confirming that the flooring complies with the fire standards of the following tests:

1. ASTM E 648; Critical Radiant Flux: 0.45 watts/cm^2 or more.
2. ASTM E 662; Smoke Density: 450 or less.

E. Provide Mohawk Group's Warranty Certificate.

SECTION 09 65 19
PARQUET LUXURY VINYL TILE

1.05 QUALITY ASSURANCE

A. Have Mohawk Group flooring installed by an installer qualified in the installation of resilient flooring.

B. In accordance with the technical instructions in the installation instructions, use all accessories recommended by Mohawk Group when installing its flooring.

C. Follow the instructions specified in the most recent version of Mohawk Group's installation instructions.

1.06 DELIVERY, HANDLING, STORAGE

A. Deliver the flooring to the installation site in Mohawk Group's original packaging. Indicate the project name and handling instructions on the outside of the boxes.

B. Advise the carrier of any damaged material and indicate it on the packing slip.

C. Store the flooring inside, sheltered from extreme hot or cold temperatures. Place the material on a smooth level floor or where there is uniform solid support in a clean, dry, well-ventilated area. The long-term storage temperature must be maintained between 65°F (18°C) and 85°F (29°C). Protect adhesive and flooring material from freezing, extreme heat and direct sun exposure.

D. Acclimatize the subfloor, all flooring material and adhesive for 48 hours before, during and after the installation by maintaining the room temperature between 65°F (18°C) and 85°F (29°C). The pallets should be unstacked 24 hours prior to use.

E. Afterwards, maintain the room temperature between 65°F (18°C) and 85°F (29°C). Protect the material from direct sources of heat such as air vents and other types of heaters.

F. Install the flooring after all other finishing work, including painting, has been completed.

PART 2 – PRODUCTS

2.01 MANUFACTURER

Mohawk Group, 160 S. Industrial Blvd, Calhoun GA 30701 Telephone 800.241.4494. Website: www.mohawkgroup.com

A. Substitutions or Equals:

1. Substitutions are allowed only if they meet the following criteria:

a. Acceptance of alternate product(s) that are accepted as equals must be approved by parties (including, but not limited to) that have material interest in the specifications including: Designer, Architect, End-User, and Flooring Contractor.

2.02 MATERIALS

Style Name	Angular Grain C2133
Collection	Assembled Woods
Product Type	Luxury Vinyl Tile
Size	18" x 18"
Construction	Flexible LVT
Total Thickness	5.0 mm

Wear Layer	20 mil (0.5 mm)
Finish	M-Force™ Ultra
Surface Profile	Embossed
Edge Profile	Straight
Installation	Loose Lay
Installation Method	Brick Ashlar, Herringbone, Monolithic, Random

This product is not recommended for environments where it could be exposed to oils and greases whether mineral, animal, or vegetable.

Refer to the product's Technical Specifications data sheet for detailed specifications.

Choose from any of manufacturer's complete line of colors.

All specifications are subject to normal manufacturing tolerances

2.02.1 ADHESIVE

M95.0

M99

MS160

M700 Plus

Total Bond Adhesive

2.04 OTHER MATERIAL

A. Subfloor repairs: use a good-quality Portland cement-based compound modified with latex that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2). to fill, smooth and/or level subfloor imperfections.

B. Self-levelling underlayment: use a Portland cement-based self-levelling underlayment modified with a polymer that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2).

PART 3 – EXECUTION

3.01 SITE INSPECTION

A. Examine the subfloor before installation to ensure that the surface is clean, dry, smooth, structurally sound and free from foreign substances that may adversely affect adhesion or cause discoloration. Furthermore, ensure that the subfloor is free of paint, varnish, adhesive, oil, grease, solvent and other foreign substances, including treatment compounds, sealers and curing compounds that may adversely affect adhesion or alter the appearance or durability of the resilient flooring.

B. Verify the surface to ensure there is no powder, scaling or mold. If found remove with a mechanical sander and level with a good-quality Portland cement-based self-levelling underlayment modified with a polymer that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2).

C. Slabs that have been either using a curing agent or a sealer will have to be treated to ensure that the adhesion has not been impaired.

D. Do not install on cement slabs that have been subjected to adhesive chemical abatement unless an approved remediation system was used afterwards.

E. Report and rectify all unsatisfactory conditions. Do not start flooring installation until all rectifications have been completed.

3.02 SUBFLOOR PREPARATION

A. Level all rough surfaces and fill cracks and marks with a Portland cement-based patching compound modified with latex.

B. Mechanically remove all surface contaminants such as paint, oil, grease, varnish, adhesive as well as various other products such as treatment compounds.

C. Measure the humidity and pH levels (in situations where pH testing is required) in compliance with the following standards before installation:

1. ASTM F 2170, Relative Humidity (RH) test using in situ probes.

2. ASTM F 710, pH levels (test procedure 5.3.1).

3. The ASTM test frequency recommendation is 3 measures for the first 1,000 sq. ft. (92.9 sq. m) and one measure for each additional 1,000 sq. ft. (92.9 sq. m).

D. Ensure Moisture, Relative Humidity and pH tests have all been conducted and measurements meet manufacturer's recommendations.

E. In case of doubt, test the adhesion on the cement subfloor or other surface that will be covered by the flooring. Do the test using the specified flooring and recommended adhesive.

3.03 RESILIENT FLOORING INSTALLATION

A. Install the flooring according to the latest version of Mohawk Group's installation instructions. Use the tools, adhesives, trowel types and procedures recommended in the instructions.

B. Acclimatize the subfloor, all flooring material and adhesive for 48 hours before, during and after the installation by maintaining the room temperature between 65°F (18°C) and 85°F (29°C). Afterwards, maintain the temperature between 65°F (18°C) and 85°F (29°C).

3.04 CLEANING AND PROTECTION

A. Remove all excess adhesive immediately after installation as recommended in Mohawk Group's installation instructions.

B. Before allowing traffic after installation, consult and follow the recommendations in Mohawk Group's installation instructions.

C. Following installation and cleanup, if the work of all other trades has not yet been completed, protect the flooring by laying sheets of non-staining brown Kraft paper and then a layer of plywood sheets (rolls of non-staining heavy cardboard material could also be used for protection).

D. Follow the instructions in Mohawk Group's Maintenance Instructions when performing initial and regular maintenance procedures.

E.

Please note that technical website documents prevail.

END OF SECTION

SECTION 09 65 19
PLANK LUXURY VINYL TILE

SECTION 09 65 19 – PLANK LUXURY VINYL TILE

PART 1 – GENERAL INFORMATION

1.01 SUMMARY

A. This section deals with resilient flooring found in the drawings and schedules of the contract that meet the requirements of this section.

1.02 RELATED SECTIONS

A. Section 3 – Cement: not covered in this section.

B. Section 6 – Wood and plastic: not covered in this section.

C. Section 7 – Thermal and humidity protection: not covered in this section.

D. Section 9 – Other sections containing information related to floor finishes: not covered in this section.

1.03 REFERENCES (INDUSTRY STANDARDS)

A. ASTM F 710: Practice for Preparing Concrete Floors to Receive Resilient Flooring.

B. ASTM E 648: Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.

C. ASTM E 662: Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

D. ASTM F 1869: Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.

E. ASTM F 2170: Determining Relative Humidity in Concrete Floor Slabs Using in Situ Probes.

1.04 ITEMS TO DELIVER

A. Provide the product's Technical Specifications data sheet as well as all installation and maintenance instructions.

B. When required, supply floor drawings and installation plans.

C. Supply a set of samples measuring at least 3 in. (7.5 cm) by 6 in. (15 cm) of the complete range of colors and finishes chosen for the project.

D. When required, provide Mohawk Group's attestation, certified by an independent laboratory, confirming that the flooring complies with the fire standards of the following tests:

1. ASTM E 648; Critical Radiant Flux: 0.45 watts/cm^2 or more.
2. ASTM E 662; Smoke Density: 450 or less.

E. Provide Mohawk Group's Warranty Certificate.

SECTION 09 65 19
PLANK LUXURY VINYL TILE

1.05 QUALITY ASSURANCE

A. Have Mohawk Group flooring installed by an installer qualified in the installation of resilient flooring.

B. In accordance with the technical instructions in the installation instructions, use all accessories recommended by Mohawk Group when installing its flooring.

C. Follow the instructions specified in the most recent version of Mohawk Group's installation instructions.

1.06 DELIVERY, HANDLING, STORAGE

A. Deliver the flooring to the installation site in Mohawk Group's original packaging. Indicate the project name and handling instructions on the outside of the boxes.

B. Advise the carrier of any damaged material and indicate it on the packing slip.

C. Store the flooring inside, sheltered from extreme hot or cold temperatures. Place the material on a smooth level floor or where there is uniform solid support in a clean, dry, well-ventilated area. The long-term storage temperature must be maintained between 65°F (18°C) and 85°F (29°C). Protect adhesive and flooring material from freezing, extreme heat and direct sun exposure.

D. Acclimatize the subfloor, all flooring material and adhesive for 48 hours before, during and after the installation by maintaining the room temperature between 65°F (18°C) and 85°F (29°C). The pallets should be unstacked 24 hours prior to use.

E. Afterwards, maintain the room temperature between 65°F (18°C) and 85°F (29°C). Protect the material from direct sources of heat such as air vents and other types of heaters.

F. Install the flooring after all other finishing work, including painting, has been completed.

PART 2 - PRODUCTS

2.01 MANUFACTURER

Mohawk Group, 160 S. Industrial Blvd, Calhoun GA 30701 Telephone 800.241.4494. Website: www.mohawkgroup.com

A. Substitutions or Equals:

1. Substitutions are allowed only if they meet the following criteria:

a. Acceptance of alternate product(s) that are accepted as equals must be approved by parties (including, but not limited to) that have material interest in the specifications including: Designer, Architect, End-User, and Flooring Contractor.

2.02 MATERIALS

Style Name	**Planked C2132**
Collection	Assembled Woods
Product Type	Luxury Vinyl Tile
Size	6" x 36"
Construction	Flexible LVT

Total Thickness	5.0 mm
Wear Layer	20 mil (0.5 mm)
Finish	M-Force™ Ultra
Surface Profile	Overall
Edge Profile	Micro Bevel
Installation	Loose Lay
Installation Method	Brick Ashlar, Herringbone, Monolithic, Random, Vertical Ashlar

This product is not recommended for environments where it could be exposed to oils and greases whether mineral, animal, or vegetable.

Refer to the product's Technical Specifications data sheet for detailed specifications.

Choose from any of Mohawk Group's complete line of colors (indicate the item number).

All specifications are subject to normal manufacturing tolerances

2.03 ADHESIVE

M95.0
M99
MS160
M700 Plus
Total Bond Adhesive

2.04 OTHER MATERIAL

A. Subfloor repairs: use a good-quality Portland cement-based compound modified with latex that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2). to fill, smooth and/or level subfloor imperfections.

B. Self-levelling underlayment: use a Portland cement-based self-levelling underlayment modified with a polymer that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2).

PART 3 – EXECUTION

3.01 SITE INSPECTION

A. Examine the subfloor before installation to ensure that the surface is clean, dry, smooth, structurally sound and free from foreign substances that may adversely affect adhesion or cause discoloration. Furthermore, ensure that the subfloor is free of paint, varnish, adhesive, oil, grease, solvent and other foreign substances, including treatment compounds, sealers and curing compounds that may adversely affect adhesion or alter the appearance or durability of the resilient flooring.

B. Verify the surface to ensure there is no powder, scaling or mold. If found remove with a mechanical sander and level with a good-quality Portland cement-based self-levelling underlayment modified with a polymer that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2).

C. Slabs that have been either using a curing agent or a sealer will have to be treated to ensure that the adhesion has not been impaired.

D. Do not install on cement slabs that have been subjected to adhesive chemical abatement unless an approved remediation system was used afterwards.

E. Report and rectify all unsatisfactory conditions. Do not start flooring installation until all rectifications have been completed.

3.02 SUBFLOOR PREPARATION

A. Level all rough surfaces and fill cracks and marks with a Portland cement-based patching compound modified with latex.

B. Mechanically remove all surface contaminants such as paint, oil, grease, varnish, adhesive as well as various other products such as treatment compounds.

C. Measure the humidity and pH levels (in situations where pH testing is required) in compliance with the following standards before installation:

1. ASTM F 2170, Relative Humidity (RH) test using in situ probes.

2. ASTM F 710, pH levels (test procedure 5.3.1).

3. The ASTM test frequency recommendation is 3 measures for the first 1,000 sq. ft. (92.9 sq. m) and one measure for each additional 1,000 sq. ft. (92.9 sq. m).

D. Ensure Moisture, Relative Humidity and pH tests have all been conducted and measurements meet manufacturer's recommendations.

E. In case of doubt, test the adhesion on the cement subfloor or other surface that will be covered by the flooring. Do the test using the specified flooring and recommended adhesive.

3.03 RESILIENT FLOORING INSTALLATION

A. Install the flooring according to the latest version of Mohawk Group's installation instructions. Use the tools, adhesives, trowel types and procedures recommended in the instructions.

B. Acclimatize the subfloor, all flooring material and adhesive for 48 hours before, during and after the installation by maintaining the room temperature between 65°F (18°C) and 85°F (29°C). Afterwards, maintain the temperature between 65°F (18°C) and 85°F (29°C).

3.04 CLEANING AND PROTECTION

A. Remove all excess adhesive immediately after installation as recommended in Mohawk Group's installation instructions.

B. Before allowing traffic after installation, consult and follow the recommendations in Mohawk Group's installation instructions.

C. Following installation and cleanup, if the work of all other trades has not yet been completed, protect the flooring by laying sheets of non-staining brown Kraft paper and then a layer of plywood sheets (rolls of non-staining heavy cardboard material could also be used for protection).

D. Follow the instructions in Mohawk Group's Maintenance Instructions when performing initial and regular maintenance procedures.

Please note that technical website documents prevail.

END OF SECTION

SECTION 09 68 13
CARPET TILE

SECTION 09 65 19 – CARPET TILE

PART 1 – GENERAL INFORMATION

1.01 SECTION INCLUDES:

Manufacturers

Testing Protocols

Performance Requirements

Product Specifications

Warranties

Exclusions

Installation

Maintenance

Accessories

1.02 REFERENCES (INDUSTRY STANDARDS)

A. American Association of Textile Chemists and Colorists (AATCC):
   1. AATCC 16 – Test Method for Colorfastness to Light
   2. AATCC 107 – Test Method for Colorfastness to Water
   3. AATCC 129 – Test Method for Colorfastness to Ozone in the Atmosphere under High Humidity.
   4. AATCC 134 – Test Method for Electrostatic Propensity of Carpets.
   5. AATCC 165 – Test Method for Colorfastness to Crocking: Carpets – AATCC Crock Meter Method
   6. AATCC 175 – Test Method for stain Resistance: Pile Floor Coverings

B. American Society for Testing and Materials (ASTM):
   1. ASTM D418 – Methods for Testing Pile Yarn Floor Covering Construction
   2. (Finished Pile Thickness only)
   3. ASTM E648 – Test Method for Critical Radiant Flux of Floor Covering Systems
   4. ASTM E662 – Test Method for Specific Optical Density of Smoke

C. International Standards Organization (ISO):
   A. ISO 2551 – Test Method for Dimensional Stability (Aachen Test)

D. Carpet and Rug Institute (CRI):
   A. CRI Indoor Air Quality Testing and Labeling Program

1.03 ITEMS TO DELIVER

A. Provide the product's Technical Specifications data sheet as well as all installation and maintenance instructions.

B. When required, supply floor drawings and installation plans.

C. Supply a set of samples

1. Submit standard-size carpet tile samples of each type of carpet, in each specified pattern, color and construction.
2. Any alternates to specified products must be submitted for approval by a representative of the end user or architect/design firm at least ten (10) working days prior to bid or proposal.
    a. Submit two (2) sets of samples for each carpet type.
    b. No carpet shipments are permitted until acceptance of final samples is given by representative of the end user or architect/design firm, certifying that samples are the approved color, pattern and texture.
3. Custom Color only
    a. A representative of the end user or architect/design firm, certifying that the samples are the approved color, pattern and texture, shall sign high quality color samples.
    b. Samples submitted are assumed to be the manufacturer's best obtainable match to the color described under Materials Section.
    c. Must have federally registered Branded trademark.

D. When required, provide Mohawk Group's attestation, certified by an independent laboratory, confirming that the flooring complies with the fire standards of the following tests:

1.	Radiant Panel: ASTM E648:	>.45 watts/sq. cm: Class 1
2.	Smoke Density: ASTM E662:	450 Flaming Mode - Maximum
3.	Static Generation: AATCC 134:	3.5 KV - Maximum
4.	Lightfastness: AATCC 16E:	Min 4.0 at 40 hrs.
5.	Crocking: AATCC 165:	4.0 – Wet/Dry
6.	Cold Water Bleed: AATCC 107:	3.0 - Minimum
7.	Ozone Fade: AATCC 129:	3.0 - Minimum
8.	Soil Protection: AATCC 189:	500 PPM Min.
9.	CRI Green Label Plus Air Quality Certification:	Pass
10.	CRI Appearance Retention Rating	3.0 minimum – Heavy Traffic 3.5 minimum – Severe Traffic
11.	Aachen Test: ISO 2551	Less than .15% shrinkage or growth
12.	Stain protection: AATCC 175:	Equal to or greater than 8.0 on Red 40 stain test with 100 revolutions of the Taber Abrader (1,000 gram weight per H-18 wheel) then stain test in the abraded area.

<u>Special Performance Requirements</u>

1. Must have Soil and Stain Resist treatment
2. Fiber must have modified delta cross-section w/hollow core
3. Must be at least 20 dpf fiber
4. Must pass GSA requirements for permanent stain resistant carpet
5. Backing must pass British Spill Test and 10,000 Impact Test

E. Provide manufacturer's lifetime warranties for:

1. Wear
2. Static
3. Edge Ravel
4. Zippering
5. Delamination
6. Dimensional Stability
7. Supplemental Fiber Warranties:
    a. Lifetime Stain Warranty
    b. Lifetime Warranty against color transfer wet or dry
    c. Lifetime Warranty against wet fastness
    d. 10 Year Colorfastness to Light
    e. 10 Year Colorfastness to Atmospheric contaminants

1.04 QUALITY ASSURANCE

A. Have Mohawk Group flooring installed by an installer qualified in the installation of specified flooring.

B. In accordance with the technical instructions in the installation instructions, use all accessories recommended by Mohawk Group when installing its flooring.

C. Follow the instructions specified in the most recent version of Mohawk Group's installation instructions.

D. Corporate Social Responsibility

Corporate social responsibility requirements: Manufacturer shall meet the corporate social responsibility as outlined below.

A. GRI Reporting: Manufacturer to have a corporate sustainability report (CSR) as per the GRI G4 guidelines.

B. Health and Wellness: Manufacturer to have on-site health clinics and biometric screenings, or health facilities displaying commitment towards health and wellness.

C. United Nations Sustainable Development Goals (UN SDGs):

Manufacturer must identify and commit to at least part of the UN SDGs as applicable to their organization and industry.

a. Facility certifications: Product's manufacturing facility shall be ISO 9001 certified. Manufacturer to have at least one green building certification for their own facilities – LEED, Living Building Challenge or WELL Building Standard.

1.05 DELIVERY, HANDLING, STORAGE

A. Deliver the flooring to the installation site in Mohawk Group's original packaging. Indicate the project name and handling instructions on the outside of the boxes.

B. Advise the carrier of any damaged material and indicate it on the packing slip.

C. Store the flooring inside, sheltered from extreme hot or cold temperatures. Place the material on a smooth level floor or where there is uniform solid support in a clean, dry well-ventilated area. Unstack the pallets. The long-term storage temperature must be maintained between 65°F (18°C) and 85°F (29°C). Protect adhesive and flooring material from freezing, extreme heat and direct sun exposure.

D. Acclimatize the subfloor, all flooring material and adhesive for 48 hours before, during and after the installation by maintaining the room temperature between 65°F (18°C) and 85°F (29°C). The pallets should be unstacked 24 hours prior to use.

E. Afterwards, maintain the room temperature between 65°F (18°C) and 85°F (29°C). Protect the material from direct sources of heat such as air vents and other types of heaters.

F. Install the flooring after all other finishing work, including painting, have been completed.

PART 2 – PRODUCTS

2.01.1 MANUFACTURER

Mohawk Group, 160 S. Industrial Blvd, Calhoun GA 30701 Telephone 800.241.4494. Website: www.mohawkgroup.com

Contact: David Adams

(601) 260-6078

david_adams@mohawkind.com

2.01.2 CARPET TILE CONSTRUCTION

A. Characteristics

Product Type: Carpet Tile

Style Name:	City Canopy BT604
Collection	ReWilded Refuge
Product Type:	Carpet Tile
Construction:	Tufted
Surface Texture:	Patterned Loop
Gauge:	1/12” (47.00 rows per 10 cm)
Density:	6375 +/- 5%
Stitches per Inch:	12.7 (50 per 10 cm)
Finished Pile Thickness:	0.096” +/- 5%
Dye Method:	Solution Dyed
Backing Material:	EcoFlex Matrix
Fiber Type:	ColorStrand® Nylon
Face Weight:	17 oz per sq. yd. (576 g/m2) +/- 5%
Size:	12” x 36”
Soil Release Technology:	EcoSentry Soil Protection

Installation Method:	Monolithic, Half Lap, Brick Ashlar, Basket Weave, Plank Half Lap, Monolithic Stepping, Random, Herringbone
Foot Traffic Recommendation TARR:	Heavy
Sustainability	
NSF 140	Gold
Beyond Carbon Neutral	-0.37
Carbon Handprint	-7.82 kg CO2e/sq m2
Embodied Carbon	7.45 kg CO2e/sq m2
Total Recycled Content	41.33%
Pre-Consumer Recycled Content	41.33%
Indoor Air Quality	GLP 1171
Mindful Materials	Participates
End of Life	Eligible
Country of Origin	USA

This product was manufactured in a factory that has ISO 9001 and ISO 14001 certifications.

All specifications are subject to normal manufacturing tolerances.

Refer to the product's Technical Specifications data sheet for detailed specifications.

Choose from any of the manufacturer's complete line of colors (indicate the item number).

2.03 ADHESIVE

Mohawk Group requires the use of the following adhesives to maintain the product warranty:

EnPress Adhesive (up to 95% in-situ RH and a pH of 12.0)

FlexLok Tabs (No moisture testing is required, provided no signs of visual moisture is present and existing adhesive has been reduced to a minimal residue.)

M700 Plus

EcoFlex AIR up to 99% in-situ RH and a pH of 12.0

EcoFlex Matrix and NXT up to 95% in-situ RH and a pH of 5.0 - 10.0

EcoFlex ICT up to 80% in-situ RH and a pH of 5.0 - 9.0

2.04 OTHER MATERIAL

A. Subfloor repairs: use a good-quality Portland cement-based compound modified with latex that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2). to fill, smooth or level subfloor imperfections.

B. Self-levelling underlayment: use a Portland cement-based self-levelling underlayment modified with a polymer that has a minimal resistance to compression of 3500 lbs/sq. in. (246 kg/cm^2).

PART 3 – EXECUTION

SECTION 09 68 13
CARPET TILE

3.01 SITE INSPECTION

A. Examine the subfloor before installation to ensure that the surface is clean, dry, smooth, structurally sound and free from foreign substances that may adversely affect adhesion or cause discoloration. Furthermore, ensure that the subfloor is free of paint, varnish, adhesive, oil, grease, solvent and other foreign substances, including treatment compounds, sealers and curing compounds that may adversely affect adhesion or alter the appearance or durability the carpet tile.

B. Verify the surface to ensure there is no powder, scaling or mold. If there is, remove it with a mechanical sander and level with a good-quality cement-based Portland primer.

C. Slabs that have been either using a curing agent or a sealer will have to be treated to ensure that the adhesion has not been impaired.

D. Do not install on cement slabs that have been subjected to adhesive chemical abatement, unless an approved remediation system was used afterwards.

E. Report and rectify all unsatisfactory conditions. Do not start flooring installation until all rectifications have been completed.

3.02 SUBFLOOR PREPARATION

A. Level all rough surfaces and fill cracks and marks with a Portland cement-based patching compound modified with latex.

B. Mechanically remove all surface contaminants such as paint, oil, grease, varnish, adhesive as well as various other products such as treatment compounds.

C. Measure the humidity and pH levels (in situations where pH testing is required) in compliance with the following standards before installation:

1. ASTM F 2170, Relative Humidity (RH) test using in situ probes.

2. ASTM F 710, pH levels (test procedure 5.3.1).

3. The ASTM test frequency recommendation is 3 measures for the first 1,000 sq. ft. (92.9 sq. m) and one measure for each additional 1,000 sq. ft. (92.9 sq. m).

D. Ensure Moisture, Relative Humidity and pH tests have all been conducted and measurements meet manufacturer’s recommendations.

E. In case of doubt, test the adhesion on the cement subfloor or other surface that will be covered by the flooring. Do the test using the specified flooring and recommended adhesive.

3.03 CARPET TILE FLOORING INSTALLATION

A. Install the flooring according to the latest version of Mohawk Group’s installation instructions. Use the tools, adhesives, trowel types and procedures recommended in the instructions.

B. Acclimatize the subfloor, all flooring material and adhesive for 48 hours before, during and after the installation by maintaining the room temperature between 65°F (18°C) and 85°F (29°C). Afterwards, maintain the temperature between 65°F (18°C) and 85°F (29°C).

3.04 CLEANING AND PROTECTION

A. Remove all excess adhesive immediately after installation as recommended in Mohawk Group’s installation instructions.

B. Before allowing traffic after installation, consult and follow the recommendations in Mohawk Group’s installation instructions.

C. Following installation and cleanup, if the work of all other trades has not yet been completed, protect the flooring by laying sheets of non-staining brown Kraft paper, and then a layer of plywood sheets (rolls of non-staining heavy cardboard material could also be used for protection).

D. Follow the instructions in Mohawk Group's Maintenance Instructions when performing initial and regular maintenance procedures.

Please note that technical website documents prevail.

3.05 CARPET RECLAMATION – BROADLOOM CARPETING AND CARPET TILE

This specification is for carpet reclamation and is designed to manage carpet recycling for any type of used carpet or carpet pad.

A. CARPET REMOVAL – BROADLOOM

1. Remove used carpet in carpet pieces, roll tightly, and pack neatly in container. Any scraps must be placed in gaylord boxes secured to a pallet. Immediately remove used carpet from site. For reclamation projects coordinated by Mohawk Reclamation Department, place in Mohawk provided covered containers.
2. Deposit only clean, dry used carpets in containers. Clean shall be defined as carpet free from demotion debris or asbestos contamination, garbage, tack strips, and chemical or pharmaceutical contaminants.

B. CARPET REMOVAL – CARPET TILE

1. Remove used carpet tile and stack neatly on pallets. Carpet tiles must be secured to the pallet for transportation. Do not stack higher than 6 feet on pallets. Immediately remove used carpet from Site. For reclamation projects coordinated by Mohawk Reclamation Department, place in Mohawk provided covered containers.
2. Deposit only clean, dry used carpets in containers. Clean shall be defined as carpet free from demotion debris or asbestos contamination, garbage, tack strips, and chemical or pharmaceutical contaminants.

C. CONTAINER HANDLING

1. Place used carpet in container supplied by Mohawk Reclamation Department. Containers are fully enclosed and shall be kept locked or supervised.
2. Broadloom carpet must be segregated from tile carpeting, and only approved carpet is to be placed in the container.
3. Use effective packing techniques to maximize the amount of material in the container. The following amounts are the average container capacities.

Container Size	Broadloom Capacity	Tile Capacity
53' ft	8,000 sy	4,444 sy
28' ft	4,800 sy	2,666 sy

D. CONTAINER REMOVAL

When container is full, contact Mohawk Reclamation Department to coordinate pickup and drop-off replacement container if needed. If container is locked for security purposes, remove the lock prior to pick up. The Mohawk Reclamation Department toll free number is (877) 3RE-CYCL or (877)373-2925, and the email address is reclaim@mohawkind.com .

E. RECLAMATION CERTIFICATE

The Mohawk Reclamation Department will issue a reclamation certificate once used carpet is removed from the job site and or dealer location and delivered to reclamation facility.

F. PRICING

Fill out the quote request form located at https://www.mohawkgroup.com/sustainability/recover to obtain an estimate. Please allow 24-48 hours for a response. Contact the Mohawk Reclamation Department with any questions at reclaim@mohawkind.com or (877) 3RE-CYCL or (877) 373-2925.

END OF SECTION

SECTION 10 71 13
EXTERIOR SUN CONTROL DEVICES

SECTION 10 71 13 – EXTERIOR SUN CONTROL DEVICES

PART 1 – GENERAL INFORMATION

1.01 SECTION INCLUDES:

A. Section Includes: Aluminum Sun Shades:

1. YKK AP Series ThermaShade® Aluminum Sun Shade System

B. Related Sections:

1. Sealants: Refer to Division 7 Joint Treatment Section for sealant requirements.
2. Glass and Glazing: Refer to Division 8 Glass and Glazing Section for glass and glazing requirements.
3. Single Source Requirement: All products listed below shall be by the same manufacturer.
    a. Section 08 32 13 Sliding Aluminum-Framed Glass Doors.
    b. Section 08 41 13 Aluminum-Framed Entrances and Storefronts.
    c. Section 08 44 13 Glazed Aluminum Curtain Wall.
    d. Section 08 51 13 Aluminum Windows.
    e. Section 08 44 33 Sloped Glazing Assemblies.
    f. Section 10 71 13 Exterior Sun Control Devices.

1.02 SUBMITTALS

A. General: Prepare, review, approve, and submit specified submittals in accordance with “Conditions of the Contract” and Division 1 Submittals Sections. Product data, shop drawings, samples, and similar submittals are defined in “Conditions of the Contract.”

B. Product Data: Submit product data for each type sunshade and curtain wall series specified.

C. Substitutions: Whenever substitute products are to be considered, supporting technical data, samples and test reports must be submitted ten (10) working days prior to bid date in order to make a valid comparison.

D. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including anchorage, accessories, finish colors and textures.

1.03 QUALITY ASSURANCE

A. Qualifications:

1. Installer Qualifications: Installer experienced (as determined by contractor) to perform work of this section who has specialized in the installation of work similar to that required for this project. If requested by Owner, submit reference list of completed projects.
2. Manufacturer Qualifications: Manufacturer capable of providing field service representation during construction process.

B. Mock-Ups (Field Constructed): Install at project site a job mock-up using acceptable products and manufacturer approved installation methods. Obtain Owner’s and Architect’s acceptance of finish color, and workmanship standard.

1. Mock-Up Size:
2. Maintenance: Maintain mock-up during construction for workmanship comparison; remove and legally dispose of mock-up when no longer required.
3. Incorporation: Mock-up may be incorporated into final construction upon Owner's approval.

C. Pre-Installation Meetings: Conduct pre-installation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions, and manufacturer's warranty requirements.

1.04 FIELD CONDITIONS/SITE CONDITIONS

A. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements, fabrication schedule with construction progress to avoid construction delays.

1.05 WARRANTY

A. Project Warranty: Refer to "Conditions of the Contract" for project warranty provisions.

B. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by an authorized company official.

1. Warranty Period: Manufacturer's one (1) year standard warranty commencing on the substantial date of completion for the project provided that the warranty, in no event, shall start later than six (6) months from the date of shipment by YKK AP America Inc.

PART 2 – PRODUCTS

2.01.1 MANUFACTURER

A. Acceptable Manufacturers:

1. YKK AP America Inc
2. Kawneer
3. Vestis Manufacturing
4. Or equal

B. B. Sun Shade System:

1. Basis of design: Curtain Wall System: YKK AP ThermaShade® Aluminum Sun Shade System or equal
    a. 30" Nominal
    b. 6" Blade Louver
    c. Boxed Fascia
2. Description: All structural components and attachment hardware shall be concealed.

2.01.2 MATERIALS

A. Extrusions: ASTM B 221 (ASTM B 221M), 6063-T5 and 6063-T6 Aluminum Alloys.

B. Aluminum Plate:

1. Painted Finish: ASTM B 209 (ASTM B 209M), 3003-H14 Aluminum Alloy, 0.25” (6.35 mm) nominal thickness.

2.03 ACCESSORIES

A. Manufacturer’s Standard Accessories:

1. Fasteners: AISI 300 series stainless steel fasteners.

2.04 FABRICATION

A. Shop Assembly: Fabricate and assemble units with joints only at intersection of aluminum members with hairline joints; rigidly secured, in accordance with manufacturer’s recommendations.

2.05 FINISHES AND COLORS

A. Anodized Finishing: Prepare aluminum surfaces for specified finish; apply shop finish in accordance with the following:

1. Anodic Coating: Electrolytic color coating followed by an organic seal applied in accordance with the requirements of AAMA 612. Aluminum extrusions shall be produced from quality controlled billets meeting AA-6063-T5.
   a. Exposed Surfaces shall be free of scratches and other serious blemishes.
   b. Extrusions shall be given a caustic etch followed by an anodic oxide treatment and then sealed with an organic coating applied with an electrodeposition process.
   c. The anodized coating shall comply with all of the requirements of AAMA 612: Voluntary Specifications, Performance Requirements and Test Procedures for Combined Coatings of Anodic Oxide and Transparent Organic Coatings on Architectural Aluminum. Testing shall demonstrate the ability of the finish to resist damage from mortar, salt spray, and chemicals commonly found on construction sites, and to resist the loss of color and gloss.
   d. Overall coating thickness for finishes shall be a minimum of 0.7 mils.

B. Finishes Testing:

1. Apply 0.5% solution NaOh, sodium hydroxide, to small area of finished sample area; leave in place for sixty minutes; lightly wipe off NaOh; Do not clean area further.
2. Submit samples with test area noted on each sample.

PART 3 – EXECUTION

3.01 MANUFACTURER’S INSTRUCTIONS/RECOMENDATIONS

A. Compliance: Comply with manufacturer’s product data, including product technical bulletins, installation instructions, and product carton instructions.

3.02 EXAMINATION

A. Site Verification of Conditions: Verify substrate conditions (which have been previously installed under other sections) are acceptable for product installation in accordance with manufacturer's instructions.

3.03 PREPARATION

A. Adjacent Surfaces Protection: Protect adjacent work areas and finish surfaces from damage during product installation.

3.04 INSTALLATION

A. General: Install manufacturer's system in accordance with shop drawings, and within specified tolerances.

1. Protect aluminum members in contact with masonry, steel, concrete, or dissimilar materials using nylon pads or bituminous coating.
2. Shim and brace aluminum system before anchoring to structure.
3. Verify curtain wall system allows water entering system to be collected in gutters and wept to the exterior. Verify weep holes are open, and metal joints are sealed in accordance with manufacturer's installation instructions.
4. Seal metal to metal curtain wall system joints using sealant recommended by system manufacturer.

3.05 FIELD QUALITY CONTROL

A. Manufacturer's Field Services: Upon request, provide manufacturer's field service consisting of site visit for inspection of product installation in accordance with manufacturer's instructions.

3.05 ADJUSTING AND CLEANING

A. Cleaning: The General Contractor shall clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance, and remove construction debris from project site. Legally dispose of debris.

C. Protection: The General Contractor shall protect installed product's finish surfaces from damage during construction.

END OF SECTION

SECTION 13 34 10
PRE-ENGINEERED METAL BUILDING SYSTEMS

SECTION 133410 - PRE-ENGINEERED METAL BUILDING SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Structural-steel framing.
2. Metal wall panels (R PANEL)
3. Standing seam metal roof panels
4. Thermal insulation.

1.2 PREINSTALLATION MEETINGS

A. Pre-installation Conference: Conduct conference at Project site.

1.3 REFERENCE STANDARDS

A. American Institute of Steel Construction (AISC):
1. AISC 360 - Specification for Structural Steel Buildings.
2. AISC 341 – Seismic Provisions for Structural Steel Buildings (when appropriate).
3. AISC Design Guide 3 – Serviceability for Steel Buildings

B. American Iron and Steel Institute (AISI):
1. AISI S100 - North American Specification for the Design of Cold-Formed Steel Structural Members.

C. American Welding Society (AWS):
1. AWS D1.1 / D1.1M – Structural Welding Code – Steel.
2. AWS D1.3 / D1.3M – Structural Welding Code – Sheet Steel.

D. Association for Iron & Steel Technology (AISE):
1. AISE 13 – Specifications for Design and Construction of Mill Buildings.

E. ASTM International (ASTM):
1. ASTM A 325 – Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength.
2. ASTM A 653 / A 653M – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
3. ASTM A 792 / A 792M – Standard Specification for Steel Sheet, 55 % Aluminum-Zinc Alloy-Coated by the Hot-Dip Process.
4. ASTM B 117 – Standard Practice for Operating Salt Spray (Fog) Apparatus.

5. ASTM C 518 – Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.
6. ASTM C 1363 – Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus.
7. ASTM D 522 – Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings.
8. ASTM D 523 – Standard Test Method for Specular Gloss.
9. ASTM D 968 – Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive.
10. ASTM D 1308 – Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes.
11. ASTM D 2244 – Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates.
12. ASTM D 2247 – Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity.
13. ASTM D 2794 – Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
14. ASTM D 3361 – Standard Practice for Unfiltered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings.
15. ASTM D 4214 – Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films.
16. ASTM E 84 – Standard Test Method for Surface Burning Characteristics of Building Materials.
17. ASTM E 96 / E 96M – Standard Test Methods for Water Vapor Transmission of Materials.
18. ASTM E 1592 – Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference.
19. ASTM G 87 – Standard Practice for Conducting Moist SO2 Tests.

F. Metal Building Manufacturers Association (MBMA):
   1. MBMA Metal Building Systems Manual.
   2. Seismic Design Guide for Metal Building Systems.

G. North American Insulation Manufacturers Association (NAIMA):
   1. NAIMA 202 – Standard For Flexible Fiber Glass Insulation to be Laminated for Use in Metal Buildings.

H. The Society for Protective Coatings (SSPC):
   1. SSPC-Paint 15 - Primer for Use Over Hand Cleaned Steel performs to SSPC-Paint 15 standards.
   2. SSPC-SP2 – Hand Tool Cleaning.

I. Underwriters Laboratories (UL):
   1. UL 580 – Standard for Tests for Uplift Resistance of Roof Assemblies.
   2. UL 723 – Standard for Test for Surface Burning Characteristics of Building Materials.

SECTION 13 34 10
PRE-ENGINEERED METAL BUILDING SYSTEMS

1.4 SUBMITTALS

A. See Section 01 30 00 “Submittal Procedures”.

B. Product Data: For each type of metal building system component.

C. Shop Drawings: Indicate components by others. Include full building plan, elevations, sections, details and attachments to other work.

D. Samples: For units with factory-applied finishes.

E. Welding certificates.

F. Letter of Design Certification: Signed and sealed by a qualified professional engineer. Include the following:

1. Name and location of Project.
2. Order number.
3. Name of manufacturer.
4. Name of Contractor.
5. Building dimensions including width, length, height, and roof slope.
6. Indicate compliance with AISC standards for hot-rolled steel and AISI standards for cold-rolled steel, including edition dates of each standard.
7. Governing building code and year of edition.
8. Design Loads: Include dead load, roof live load, collateral loads, roof snow load, deflection, wind loads/speeds and exposure, seismic design category or effective peak velocity-related acceleration/peak acceleration, and auxiliary loads (cranes).
9. Load Combinations: Indicate that loads were applied acting simultaneously with concentrated loads, according to governing building code.
10. Building-Use Category: Indicate category of building use and its effect on load importance factors.

G. Material test reports.

H. Source quality-control reports.

I. Field quality-control reports.

J. Sample warranties.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance data.

SECTION 13 34 10
PRE-ENGINEERED METAL BUILDING SYSTEMS

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: A qualified manufacturer.

1. Accreditation: Manufacturer's facility accredited according to the International Accreditation Service's AC472, "Accreditation Criteria for Inspection Programs for Manufacturers of Metal Building Systems."
2. Engineering Responsibility: Preparation of comprehensive engineering analysis and Shop Drawings by a professional engineer who is legally qualified to practice in jurisdiction where Project is located.

B. Erector Qualifications: An experienced erector who specializes in erecting and installing work similar in material, design, and extent to that indicated for this Project and who is acceptable to manufacturer.

C. Welding Qualifications: Qualify procedures and personnel according to the following:

1. AWS D1.1/D1.1M, "Structural Welding Code - Steel."
2. AWS D1.3, "Structural Welding Code - Sheet Steel."

D. Material Testing:
1. In addition to material certifications of structural steel, metal building system manufacturer shall provide, upon request at time of order, evidence of compliance with specifications through testing.
2. This quality assurance testing shall include testing of structural bolts, nuts, screw fasteners, mastics, and metal coatings (primers, metallic coated products, and painted coil products).

1.7 DELIVERY, STORAGE, AND HANDLING

A. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage and Handling Requirements:
1. Store and handle materials in accordance with manufacturer’s instructions.
2. Keep materials in manufacturer’s original, unopened containers and packaging until installation.
3. Do not store materials directly on ground.
4. Store materials on flat, level surface, raised above ground, with adequate support to prevent sagging.
5. Protect materials and finish during storage, handling, and installation to prevent damage.

1.8 WARRANTY

A. Building System Warranty – Only applicable per contract documents.

1. Furnish manufacturer's standard warranty for the metal building system, excluding primer.
2. The manufacturer shall warranty the metal building system against failure due to defective material or workmanship for a period of one (1) year from date of shipment.
3. The liability under this warranty shall be limited to furnishing, but not dismantling or installing, necessary replacement material F.O.B. manufacturer's plant. In no consequential, or special damages.
4. Building must be installed by a qualified erector to be covered under manufacturer's warranty.

B. Roof System Weather-tightness Warranty – Only applicable per contract documents
1. Furnish manufacturer's warranty for the metal building roof system. The warranty period of 20 years from the final inspection (if applicable) and acceptance from the manufacturer. See contract documents for more information

C. Wall Panel Finish Warranty – Only applicable per contract documents
1. Paint Systems
   a. Furnish manufacturer's standard warranty for the metal panel paint system against chipping, peeling, blistering, fading in excess of 5 NBS Hunter units, and chalking in excess of 8 units as set forth in ASTM D4214.
   b. The warranty shall be for a period of 35 years from the date of shipment for fluoropolymer (PVDF) paint systems.
   c. The warranty shall be for a period of 25 years from the date of shipment for silicone-polyester (SP) paint systems.
2. Zinc-Aluminum systems
   a. Furnish manufacturer's standard warranty for the zinc-aluminum hot dipped alloy-coated panels against roof and rupture, structural failure, or perforation due to normal atmospheric conditions.
   b. The warranty shall be for a period of 20 years from the date of shipment for zinc-aluminum systems.
3. The liability under this warranty shall be limited to furnishing, but not dismantling or installing, necessary replacement material F.O.B. manufacturer's plant. In no event shall the manufacturer be liable for loss of profits, or other incidental, consequential, or special damages.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturers:
1. American Buildings; http://www.americanbuildings.com
2. CBC Steel Buildings; http://www.cbcsteelbuildings.com
3. Kirby Building Systems; http://www.kirbybuildingsystems.com
4. Nucor Building Systems; http://www.nucorbuildingsystems.com

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2.2 PERFORMANCE REQUIREMENTS

A. Structural Performance: Metal building systems shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated according to procedures in MBMA's "Metal Building Systems Manual", and as indicated in the Structural Drawings.

B. Design Loads:
1. Roof Live Load: 20 PSF
2. Roof Dead Load: See Structural Drawings
3. Collateral Load: 8 PSF
4. Roof Snow Load: 5 PSF
5. Wind: 115 MPH (Vult)
6. Wind Importance Factor, Iw: 1.0
7. Exposure: C
8. Seismic: Ss:0.161, S1:0.083
   a. Site Class - D
   b. Seismic Importance Factor Ie: 1.0
   c. Seismic Design Category: B
9. Design Loads: See Structural Drawings for Additional Notes.
10. Deflection and Drift Limits: Design metal building system assemblies to withstand serviceability design loads without exceeding deflections and drift limits recommended in AISC Steel Design Guide No. 3 "Serviceability Design Considerations for Steel Buildings." See Structural Drawings.
11. Deflection and Drift Limits: See Structural Drawings for limitations.

C. Seismic Performance: See Structural Drawings

D. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change: 120 deg F (67 deg C), ambient; 180 deg F (100 deg C), material surfaces.

E. Fire-Resistance Ratings: Where assemblies are indicated to have a fire-resistance rating, provide metal panel assemblies identical to those of assemblies tested for fire resistance per ASTM E 119 or ASTM E 108 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Indicate design designations from UL's "Fire Resistance Directory," FM Global's "Approval Guide," or from the listings of another qualified testing agency.

F. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C.

1. Oversize Fire-Rated Door Assemblies: For units exceeding sizes of tested assemblies, provide certification by a qualified testing agency that doors comply with standard construction requirements for tested and labeled fire-rated door assemblies except for size.

G. Structural Performance for Metal Roof and Wall Panels: Provide metal panel systems capable of withstanding the effects of the following loads, based on testing according to ASTM E 1592:

1. Wind Loads: See component & cladding pressures specified in the Structural Drawings.

H. Wind-Uplift Resistance: Provide metal roof panel assemblies that comply with UL 580 for wind-uplift-resistance class indicated.

1. Uplift Rating: Class 90.

2.3 MATERIALS

A. PRIMARY FRAMING

1. Rigid Frames: Fabricated as welded built-up "I" sections or hot-rolled sections.
   a. Frame Design: Gable Symmetrical.
   b. Frame Design: Gable Unsymmetrical.
   c. Frame Design: Single Slope.
   d. Frame Design: Lean-To.
   e. Frame Type: Clear-Span.
   f. Frame Type: Multi-Span.

2. Rigid Frame Columns:
   a. Straight/Uniform depth
   b. Tapered

3. Rigid Frame Rafters:
   a. Straight/Uniform depth
   b. Tapered

4. Endwall Frames / Roof Beams: Fabricated as mill-rolled sections or built-up "I" sections depending on design requirements. Fabricate endwall columns of cold-formed sections, mill-rolled sections, or built-up "I" sections depending on design requirements.

5. Interior Columns: Columns supporting rafters of mainframes shall be of the following cross-section type(s):
   a. Pipe (Round HSS).
   b. Tube (Square HSS).
   c. "I"-Shaped (Built-Up or Mill-Rolled depending on design requirements).

6. Finish: Red-Oxide or Gray Primer, or galvanized (pre coated galvanized cold-form, hot-dipped otherwise).

7. Field Bolted Connections: All field bolted connections shall be designed and detailed utilizing ASTM F3125 Grades A325 or A490 as required by design.

B. SECONDARY FRAMING

1. Purlins and Girts: Purlins and girts shall be cold-formed "Z" sections with stiffened flanges. Flange stiffeners shall be sized to comply with the requirements of the latest edition of AISI S100. They shall be pre-punched at the factory to provide for field bolting to the rigid frames. They shall be simple or continuous span as required by design. Connection bolts will install through the purlin/girt webs, not purlin/girt flanges.

2. Purlins (Excluding Open Web Joists): Horizontal structural members which support roof coverings.
   a. Depth: To be determined by design (8”, 9.5”, 10” or 12”)
   b. Maximum Length: To be determined by design.
   c. Finish: Red Oxide Primer.
3. Girts: Horizontal structural members that support vertical panels.
   a. Depth: To be determined by design (8”, 9.5”, 10”, or 12”)
   b. Maximum Length: To be determined by design.
   c. Finish: Red Oxide Primer.
4. Eave Struts: Equal flange, cold-formed "C" sections or “Z” purlins.
   a. Depth: To be determined by design (8”, 9.5”, 10” or 12”)
   b. Maximum Length: To be determined by design.
   c. Finish: Red Oxide Primer.
5. Base Framing: Base members to which the base of the wall covering may be attached to the perimeter of the slab. Secured to the concrete slab with mechanical anchors.
   a. Formed base sill.
   b. Base channel.
      1) With flashing.
      2) Without flashing.
   c. Base angle.
      1) With flashing.
      2) Without flashing.
   d. Base girt.
      1) With flashing.
      2) Without flashing.
   e. Finish: Red Oxide Primer.
6. Roof Joist system.
   a. Open web, parallel chord, simple span load carrying members suitable for the direct support of roof systems utilizing material sizes and yield strengths as required.
   b. Open web members shall be fabricated of material that conforms to the material specifications designated by the Steel Joist Institute as acceptable for this product.
   c. Roof Joist Seat attachment

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1) Fully Bolted (no welding required)
2) Welded
3) Alternate Bolt Option (some welding required)

d. Roof Joist Bridging attachment
   1) Fully Bolted (no welding required)
   2) Welded
e. Roof Joist Flange Brace attachment
   1) Fully Bolted (no welding required)
   2) Welded

2.4 ROOF PANELS

a. Standing seam metal panel roof
   1) 24 gauge steel panel
   2) 24” Wide panel width
   3) Embossed texture
   4) Concealed fasteners
   5) Mechanically seamed
   6) Finish: As specified in 2.8 PANEL FINISHES color to be selected from the manufacturer’s full range of colors.

2.5 WALL PANELS

1. R-Panel Wall Panel: A through-fastened sidewall panel with 1 1/4 inch (32mm) ribs at 12 inches (305mm) on center. The area between the ribs is reinforced to minimize oil-canning.
   a. Gauge: 22
   b. Dimensions: 36 inches (915mm) wide by 1 1/4 inch (32mm) high
   c. Finish/Color: As specified in Article 2.10 PANEL FINISH

2.6 THERMAL INSULATION

A. Faced Metal Building Insulation: ASTM C 991, Type II, glass-fiber-blanket insulation; 0.5-lb/cu. ft. density; 2-inch-wide, continuous, vapor-tight edge tabs; with a flame-spread index of 25 or less.

B. Unfaced Metal Building Insulation: ASTM C 991, Type I, or NAIMA 202, glass-fiber-blanket insulation; 0.5-lb/cu. ft.; density; 2-inch-wide, continuous, vapor-tight edge tabs; with a flame-spread index of 25 or less.

C. Retainer Strips: For securing insulation between supports, 0.025-inch (0.64-mm) nominal-thickness, formed, metallic-coated steel or PVC retainer clips colored to match insulation facing.

D. Vapor-Retarder Facing: ASTM C 1136, with permeance not greater than 0.02 perm when tested according to ASTM E 96/E 96M, Desiccant Method.

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2.7 ACCESSORIES

A. Canopies: Overhanging or projecting roof structures off the sidewall or endwall with the extreme end usually unsupported. For aesthetic application or to cover entrance or walkway.

B. Roof Line Trim:
   1. Basic Sculptured Trim Type: Low-Eave Gutter (on slope or horizontal) / Sculptured Rake Trim

C. Purlin Extensions: Overhanging or projecting roof structure at the end of a building.

D. Framed Openings: Used to frame out doors, windows, louvers, and any other openings. Refers to the framing members and flashing which surround an opening and includes jambs, header and or sill, trim, and fasteners.

E. Walk Doors: Personnel entry doors.
   1. Size: As noted on the Contract Drawings.
   2. Accessories: As noted on the Contract Drawings

A. Liner Panels: R-Panel Liner Panel: A through-fastened sidewall panel with 1 1/4 inch (32mm) ribs at 12 inches (305mm) on center. The area between the ribs is reinforced to minimize oil-canning.
   1. Gauge: 24
   2. Dimensions: 36 inches (915mm) wide by 1 1/4 inch (32mm) high
   3. Finish: As specified in 2.10 PANEL FINISHES

B. Facades: Decorative structural and panel system projecting from the face of a wall panel.

C. Parapet Walls: Wall panels below the roof line that extend above the roof line to a given elevation. Parapet walls include 14 gauge pre-galvanized parapet gutter (gutter liner and drainage members by others) when located on a sidewall (except at the high side of a Single-Slope or Lean-to building).

D. Partitions: Interior or exterior walls that are inside the building footprint to section off parts of the interior space of a building.

E. Valley Gutter: Gutter used to carry off water from attached buildings or multi-gabled buildings. Standard valley gutter is 14 gauge pre-galvanized 10 foot (3048mm) sections, field welded in place (gutter liner and drainage members by others).

F. Roof Curbs: Welded units fabricated for Metal Roof application. Minimum 18 gauge Galvalume™ coated steel, with welds cleaned and treated with protective coating compatible with the Galvalume™ substrate. Minimum curb height shall be 8”.

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1. Top of curb to be level with ground, with 1 ½" top flange.
2. Curb walls insulated with 1 ½"-3lb.density fiberglass insulation.
3. Welded integral cricket on upslope side of curb to divert water.
4. Metal or plastic rib covers supplied loose for flexibility when installing curb.
5. Standard sub-frame shall be minimum 16 gauge steel.
6. All fasteners and sealants required for installation shall be furnished by Roof Curb manufacturer.

G. Roof Vents: Accessories used on the roof to allow air to pass through.
   1. Gravity Ridge Vents: Can be used as single unit or continuous.
      a. Size: 9 inch by 10 foot (229x3048mm) with Damper & Lockerpull.
      b. Size: 12 inch by 10 foot (305x3048mm) with Damper & Lockerpull.

H. Pipe Flashings: Pipe flashing shall be of a one piece construction and fabricated from an EPDM membrane and shall have an aluminum base that can be field conformed to any panel configuration. Pipe flashings shall be flexible for mounting on any roof slope. Service temperature ranges shall be from -30°F to +250°F. Three standard flashing sizes shall accommodate pipe sizes from 1/4" diameter up to 13" diameter.
   1. Size: ¼" to 4" (6 to 102mm) Pipe
   2. Size: 4" to 7" (102 to 178mm) Pipe
   3. Size: 7" to 13" (178 to 330mm) Pipe

2.8 PANEL FINISHES

I. Roof Panel:
   1. Standard Panel Paint System (Siliconized Polyester Resin, 25-year Finish Warranty):
      a. Color: As selected by Architect from manufacturer's full range of colors.

J. Wall Panel:
   1. Standard Panel Paint System (Siliconized Polyester Resin, 25-year Finish Warranty):
      a. Color: As selected by Architect from manufacturer's full range of colors.

K. Liner Panel:
   1. Standard Panel Paint System (Siliconized Polyester Resin, 25-year Finish Warranty):
      a. 28 gauge:
         1) Color: As selected by Architect from manufacturer's full range of colors.26 & 24 gauge:
         2) Color: As selected by Architect from manufacturer's full range of colors.

2.11 FABRICATION

L. General:

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1. Shop-fabricate all framing members for field bolted assembly. The surfaces of the bolted connections must be smooth and free from burrs or distortions.
2. Shop connections must conform to the manufacturer's standard design practices as defined in this section. Certification of welder qualifications will be furnished when required and specified in advance.
3. All framing members must carry an identifying mark.

M. Primary Framing:
1. Plates, Stiffeners and Related Members: Factory weld base plates splice plates, cap plates, and stiffeners into place on the structural members.
2. Bolt Holes and Related Machining: Shop fabricate base plates, splices and flanges to include bolt connection holes. Shop fabricated webs to include bracing holes.
3. Secondary structural connections (purlins and girts) to be ordinary bolted connections, which may include welded clips.
4. Manufacturer is responsible for all shop welding inspection in accordance with the manufacturer's IAS Accreditation or CAN/CSA A660 Certification. Special inspection by the buyer or owner may be done in the manufacturer's facility and must be noted on the Contract Documents.
5. Non-Destructive Testing (NDT) - NDT shall be performed and documented as required by the governing building code for this project.

N. Open-Web Roof Joists:
1. Secondary framing for ‘long-bay’ building layouts shall consist of open-web bar joists designed under Steel Joist Institute (SJI) specifications by an SJI-Certified Joist Manufacturer for the prescribed loads.

O. Zee Purlins:
1. Fabricate purlins from cold-formed "Z" sections with stiffened flanges. Size flange stiffeners to comply with the requirements of the latest edition of AISI. Connection bolts will install through the webs, not the flanges.

P. Girts
1. Girts must be simple or continuous span as required by design. Connection bolts will install through the webs, not the flanges.

Q. Bracing:
1. Diagonal Bracing:
   a. Longitudinal bracing in the roof and/or walls need not be furnished where it can be shown that the diaphragm strength of the roof and/or wall covering is adequate to resist the applied wind or seismic forces. Diagonal bracing in the roof and sidewalls may be used to resist longitudinal loads (wind, crane, etc.) in the structure if diaphragm action cannot be used.
   b. Diagonal bracing will be furnished to length and equipped with hillside washers and nuts at each end. It may consist of rods threaded each end or galvanized cable with suitable threaded end anchors. If load requirements so dictate, bracing may be of structural angle and/or pipe, bolted in place.

2. Special Bracing: When diagonal bracing is not permitted in the sidewall, a rigid frame type portal or fixed base column may be used. Shear walls can also be used where adequate to resist the applied wind or seismic forces.

3. Flange Braces: The inside compression flange of all primary framing must be braced laterally with angles connecting to the bottom chords of joists or to the webs of purlins/girts so that the flange compressive stress is within allowable limits for any combination of loading.

4. Bridging: Laterally bridge the top and bottom chords of the open-web bar joists as required by design thereof and specified on the building erection drawings.

R. Vertical Rib Standing Seam Panels - General:
1. One side of the panel is configured as female, having factory applied mastic inside the female seam. The female side will hook over the male side and when seamed creates a continuous lock, forming a weathertight seam.

2. Panels are factory swaged when endlaps are required. Panels cannot start at both ends of the building and work towards each other.

3. Maximum panel length is 50 feet (16,764mm) unless otherwise noted in the Contract Documents.

4. Endlaps:
   a. Endlaps must have a 16 gauge backup plate and have the (5) endlap joint fasteners installed in dimpled locations in the flat at each endlap.
   b. Apply mastic between the panels and secured with #1/4-14 x 1 1/4 inch (32mm) self-drilling fasteners through the panels and backup plate to form a compression joint.
   c. "Through-the-Roof" fasteners may only be used at endlaps and eaves.

PART 3 - EXECUTION

3.1 ERECTION OF STRUCTURAL FRAMING

A. Erect metal building system according to manufacturer's written instructions and drawings.

B. Do not field cut, drill, or alter structural members without written approval from metal building system manufacturer's professional engineer.

C. Set structural framing accurately in locations and to elevations indicated, according to AISC specifications referenced in this Section. Maintain structural stability of frame during erection.

D. Base and Bearing Plates: Clean concrete- and masonry-bearing surfaces of bond-reducing materials, and roughen surfaces prior to setting plates. Clean bottom surface of plates.

1. Set plates for structural members on wedges, shims, or setting nuts as required.
2. Tighten anchor rods after supported members have been positioned and plumbed. Do not remove wedges or shims but, if protruding, cut off flush with edge of plate before packing with grout.
3. Promptly pack grout solidly between bearing surfaces and plates so no voids remain. Neatly finish exposed surfaces; protect grout and allow to cure. Comply with manufacturer's written installation instructions for shrinkage-resistant grouts.

E. Align and adjust structural framing before permanently fastening. Before assembly, clean bearing surfaces and other surfaces that will be in permanent contact with framing. Perform necessary adjustments to compensate for discrepancies in elevations and alignment.

1. Level and plumb individual members of structure.
2. Make allowances for difference between temperature at time of erection and mean temperature when structure will be completed and in service.

F. Primary Framing and End Walls: Erect framing level, plumb, rigid, secure, and true to line. Level baseplates to a true even plane with full bearing to supporting structures, set with double-nutted anchor bolts. Use grout to obtain uniform bearing and to maintain a level base-line elevation. Moist-cure grout for not less than seven days after placement.

1. Make field connections using high-strength bolts installed according to RCSC's "Specification for Structural Joints Using High-Strength Bolts" for bolt type and joint type specified.

    a. Joint Type: Snug tightened or pretensioned as required by manufacturer.

G. Secondary Framing: Erect framing level, plumb, rigid, secure, and true to line. Field bolt secondary framing to clips attached to primary framing.

1. Provide rake or gable purlins with tight-fitting closure channels and fasciae.
2. Locate and space wall girts to suit openings such as doors and windows.
3. Provide supplemental framing at entire perimeter of openings, including doors, windows, ventilators, and other penetrations of roof and walls.

H. Steel Joists: Install joists and accessories plumb, square, and true to line; securely fasten to supporting construction according to SJI's "Standard Specifications and Load Tables for Steel Joists and Joist Girders," joist manufacturer's written instructions, and requirements in this Section.

1. Before installation, splice joists delivered to Project site in more than one piece.
2. Space, adjust, and align joists accurately in location before permanently fastening.

3. Install temporary bracing and erection bridging, connections, and anchors to ensure that joists are stabilized during construction.
4. Joist Installation: Bolt joists to supporting steel framework using carbon-steel bolts unless otherwise indicated.
5. Joist Installation: Bolt joists to supporting steel framework using high-strength structural bolts unless otherwise indicated. Comply with RCSC's "Specification for Structural Joints Using High-Strength Bolts" for high-strength structural bolt installation and tightening requirements.
6. Joist Installation: Weld joist seats to supporting steel framework.
7. Install and connect bridging concurrently with joist erection, before construction loads are applied. Anchor ends of bridging lines at top and bottom chords if terminating at walls or beams.

I. Bracing: Install bracing in roof and sidewalls where indicated on erection drawings.

1. Tighten rod and cable bracing to avoid sag.
2. Locate interior end-bay bracing only where indicated.

J. Framing for Openings: Provide shapes of proper design and size to reinforce openings and to carry loads and vibrations imposed, including equipment furnished under mechanical and electrical work. Securely attach to structural framing.

K. Erection Tolerances: Maintain erection tolerances of structural framing within AISC 303.

3.2 METAL PANEL INSTALLATION, GENERAL

A. General: Anchor metal panels and other components of the Work securely in place, with provisions for thermal and structural movement.

1. Field cut metal panels as required for doors, windows, and other openings. Cut openings as small as possible, neatly to size required, and without damage to adjacent metal panel finishes.

a. Field cutting of metal panels by torch is not permitted unless approved in writing by manufacturer.

2. Install metal panels perpendicular to structural supports unless otherwise indicated.
3. Flash and seal metal panels with weather closures at perimeter of openings and similar elements. Fasten with self-tapping screws.
4. Locate and space fastenings in uniform vertical and horizontal alignment.
5. Locate metal panel splices over structural supports with end laps in alignment.
6. Lap metal flashing over metal panels to allow moisture to run over and off the material.

B. Lap-Seam Metal Panels: Install screw fasteners using power tools with controlled torque adjusted to compress EPDM washers tightly without damage to washers, screw threads, or metal panels. Install screws in predrilled holes.

1. Arrange and nest side-lap joints so prevailing winds blow over, not into, lapped joints. Lap ribbed or fluted sheets one full rib corrugation. Apply metal panels and associated items for neat and weathertight enclosure. Avoid "panel creep" or application not true to line.

C. Metal Protection: Where dissimilar metals contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with corrosion-resistant coating, by applying rubberized-asphalt underlayment to each contact surface, or by other permanent separation as recommended by metal roof panel manufacturer.

D. Joint Sealers: Install gaskets, joint fillers, and sealants where indicated and where required for weatherproof performance of metal panel assemblies. Provide types of gaskets, fillers, and sealants indicated; or, if not indicated, provide types recommended by metal panel manufacturer.

1. Seal metal panel end laps with double beads of tape or sealant the full width of panel. Seal side joints where recommended by metal panel manufacturer.
2. Prepare joints and apply sealants to comply with requirements in Section 079200 "Joint Sealants."

3.3 METAL ROOF PANEL INSTALLATION

A. General: Provide metal roof panels of full length from eave to ridge unless otherwise indicated or restricted by shipping limitations.

1. Install ridge caps as metal roof panel work proceeds.
2. Flash and seal metal roof panels with weather closures at eaves and rakes. Fasten with self-tapping screws.

B. Metal Fascia Panels: Align bottom of metal panels and fasten with blind rivets, bolts, or self-drilling or self-tapping screws. Flash and seal metal panels with weather closures where fasciae meet soffits, along lower panel edges, and at perimeter of all openings.

3.4 METAL WALL PANEL INSTALLATION

A. General: Install metal wall panels in orientation, sizes, and locations indicated on Drawings. Install panels perpendicular to girts, extending full height of building, unless otherwise indicated. Anchor metal wall panels and other components of the Work securely in place, with provisions for thermal and structural movement.

1. Unless otherwise indicated, begin metal panel installation at corners with center of rib lined up with line of framing.
2. Shim or otherwise plumb substrates receiving metal wall panels.

3. When two rows of metal panels are required, lap panels 4 inches (102 mm) minimum.
4. When building height requires two rows of metal panels at gable ends, align lap of gable panels over metal wall panels at eave height.
5. Rigidly fasten base end of metal wall panels and allow eave end free movement for thermal expansion and contraction. Predrill panels.
6. Flash and seal metal wall panels with weather closures at eaves and rakes, and at perimeter of all openings. Fasten with self-tapping screws.
7. Install screw fasteners in predrilled holes.
8. Install flashing and trim as metal wall panel work proceeds.
9. Apply elastomeric sealant continuously between metal base channel (sill angle) and concrete, and elsewhere as indicated on Drawings; if not indicated, as necessary for waterproofing.
10. Align bottom of metal wall panels and fasten with blind rivets, bolts, or self-drilling or self-tapping screws.
11. Provide weatherproof escutcheons for pipe and conduit penetrating exterior walls.

B. Metal Wall Panels: Install metal wall panels on exterior side of girts. Attach metal wall panels to supports with fasteners as recommended by manufacturer.

3.5 METAL SOFFIT PANEL INSTALLATION

A. Provide metal soffit panels the full width of soffits. Install panels perpendicular to support framing.

B. Flash and seal metal soffit panels with weather closures where panels meet walls and at perimeter of all openings.

3.6 THERMAL INSULATION INSTALLATION

A. General: Install insulation concurrently with metal panel installation, in thickness indicated to cover entire surface, according to manufacturer's written instructions.

1. Set vapor-retarder-faced units with vapor retarder toward warm side of construction unless otherwise indicated. Do not obstruct ventilation spaces except for firestopping.
2. Tape joints and ruptures in vapor retarder, and seal each continuous area of insulation to the surrounding construction to ensure airtight installation.
3. Install factory-laminated, vapor-retarder-faced blankets straight and true in one-piece lengths, with both sets of facing tabs sealed, to provide a complete vapor retarder.
4. Install blankets straight and true in one-piece lengths. Install vapor retarder over insulation, with both sets of facing tabs sealed, to provide a complete vapor retarder.

B. Blanket Roof Insulation: Comply with the following installation method:

1. Over-Framing Installation: Extend insulation and vapor retarder over and perpendicular to top flange of secondary framing. Hold in place by metal roof panels fastened to secondary framing.
2. Between-Purlin Installation: Extend insulation and vapor retarder between purlins. Carry vapor-retarder-facing tabs up and over purlin, overlapping adjoining facing of next insulation course and maintaining continuity of retarder. Hold in place with bands and crossbands below insulation.
3. Over-Purlin-with-Spacer-Block Installation: Extend insulation and vapor retarder over and perpendicular to top flange of secondary framing. Install layer of filler insulation over first layer to fill space formed by metal roof panel standoffs. Hold in place by panels fastened to standoffs.

    a. Thermal Spacer Blocks: Where metal roof panels attach directly to purlins, install thermal spacer blocks.

4. Two-Layers-between-Purlin-with-Spacer-Block Installation: Extend insulation and vapor retarder between purlins. Carry vapor-retarder-facing tabs up and over purlin, overlapping adjoining facing of next insulation course and maintaining continuity of retarder. Install layer of filler insulation over first layer to fill space between purlins formed by thermal spacer blocks. Hold in place with bands and crossbands below insulation.

    a. Thermal Spacer Blocks: Where metal roof panels attach directly to purlins, install thermal spacer blocks.

5. Retainer Strips: Install retainer strips at each longitudinal insulation joint, straight and taut, nesting with secondary framing to hold insulation in place.

C. Blanket Wall Insulation: Extend insulation and vapor retarder over and perpendicular to top flange of secondary framing. Hold in place by metal wall panels fastened to secondary framing.

1. Retainer Strips: Install retainer strips at each longitudinal insulation joint, straight and taut, nesting with secondary framing to hold insulation in place.

3.7 DOOR AND FRAME INSTALLATION

A. General: Install doors and frames plumb, rigid, properly aligned, and securely fastened in place according to manufacturers' written instructions. Coordinate installation with wall flashings and other components. Seal perimeter of each door frame with elastomeric sealant used for metal wall panels.

B. Personnel Doors and Frames: Install doors and frames according to NAAMM-HMMA 840.

1. At fire-rated openings, install frames according to, and doors with clearances specified in, NFPA 80.

C. Field Glazing: Comply with installation requirements in Section 088000 "Glazing."

D. Door Hardware:

1. Install surface-mounted items after finishes have been completed at heights indicated in DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
3. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
4. Set thresholds for exterior doors in full bed of sealant complying with requirements for concealed mastics specified in Section 079200 "Joint Sealants."

3.8 WINDOW INSTALLATION

A. General: Install windows plumb, rigid, properly aligned, without warp or rack of frames or sash, and securely fasten in place according to manufacturer's written instructions. Coordinate installation with wall flashings and other components. Seal perimeter of each window frame with elastomeric sealant used for metal wall panels.

1. Separate dissimilar materials from sources of corrosion or electrolytic action at points of contact with other materials by complying with requirements specified in AAMA/WDMA/CSA 101/I.S.2/A440.

B. Set sill members in bed of sealant or with gaskets, for weathertight construction.

C. Install windows and components to drain condensation, water penetrating joints, and moisture migrating within windows to the exterior.

D. Mount screens directly to frames with tapped screw clips.

3.9 ACCESSORY INSTALLATION

A. General: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Install components required for a complete metal roof panel assembly, including trim, copings, ridge closures, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items.
2. Install components for a complete metal wall panel assembly, including trim, copings, corners, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items.
3. Where dissimilar metals contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with corrosion-resistant

coating, by applying rubberized-asphalt underlayment to each contact surface, or by other permanent separation as recommended by manufacturer.

B. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.

1. Install exposed flashing and trim that is without excessive oil-canning, buckling, and tool marks and that is true to line and levels indicated, with exposed edges folded back to form hems. Install sheet metal flashing and trim to fit substrates and to result in waterproof and weather-resistant performance.
2. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet (3 m) with no joints allowed within 24 inches (600 mm) of corner or intersection. Where lapped or bayonet-type expansion provisions cannot be used or would not be sufficiently weather resistant and waterproof, form expansion joints of intermeshing hooked flanges, not less than 1 inch (25 mm) deep, filled with mastic sealant (concealed within joints).

C. Gutters: Join sections with riveted-and-soldered or lapped-and-sealed joints. Attach gutters to eave with gutter hangers spaced as required for gutter size, but not more than 36 inches (914 mm) o.c. using manufacturer's standard fasteners. Provide end closures and seal watertight with sealant. Provide for thermal expansion.

D. Downspouts: Join sections with 1-1/2-inch (38-mm) telescoping joints. Provide fasteners designed to hold downspouts securely 1 inch (25 mm) away from walls; locate fasteners at top and bottom and at approximately 60 inches (1524 mm) o.c. in between.

1. Provide elbows at base of downspouts to direct water away from building.
2. Tie downspouts to underground drainage system indicated.

E. Circular Roof Ventilators: Set ventilators complete with necessary hardware, anchors, dampers, weather guards, rain caps, and equipment supports. Mount ventilators on flat level base. Install preformed filler strips at base to seal ventilator to metal roof panels.

F. Continuous Roof Ventilators: Set ventilators complete with necessary hardware, anchors, dampers, weather guards, rain caps, and equipment supports. Join sections with splice plates and end-cap skirt assemblies where required to achieve indicated length. Install preformed filler strips at base to seal ventilator to metal roof panels.

G. Roof Curbs: Install curbs at locations indicated on Drawings. Install flashing around bases where they meet metal roof panels.

H. Pipe Flashing: Form flashing around pipe penetration and metal roof panels. Fasten and seal to panel as recommended by manufacturer.

SECTION 13 34 10
PRE-ENGINEERED METAL BUILDING SYSTEMS

3.10 FIELD QUALITY CONTROL

A. Special Inspections: See Structural Drawings and Specification Section 01 40 15 – “Special Inspections and Testing”.

B. Product will be considered defective if it does not pass tests and inspections.

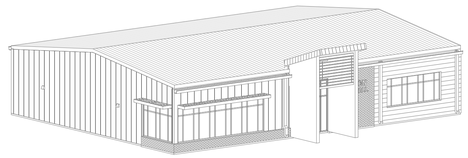
C. Prepare test and inspection reports.

END OF SECTION 13 34 10

MARION CITY HALL REBID

5959 Dale Drive
Marion, MS 39342

CONSTRUCTION DOCUMENTS
NOVEMBER 1, 2025



PROJECT DESCRIPTION

1. **OCCUPANCY CLASSIFICATION:** ASSEMBLY GROUP A3, BUSINESS GROUP B

2. **NUMBER OF LEVELS:** 1

3. **STRUCTURE:** 1 STORY - CONCRETE FOUNDATION AND POURED IN PLACE CONCRETE SLAB, PRE-ENGINEERED METAL BUILDING, METAL PANEL ROOF

4. **CONSTRUCTION TYPE:** TYPE IIB SPRINKLERED
REQUIRED SEPERATION OF OCCUPANCIES - Sprinklered - 1hr

5. **GROSS SQUARE FOOTAGE:** 4,800 SF +/-

6. **OCCUPANCY:** **TOTAL OCCUPANCY – 210 OCCUPANTS**

MULTIPURPOSE ROOM

FLOOR: **ASSEMBLY W/OUT FIXED SEATING – 7 NET** - 1,240 SF/7 = 177 OCCUPANTS
PLATFORM: **STAGES AND PLATFORMS – 15 NET** -201 SF/15 = 14 OCCUPANTS

OFFICE SPACE

BUSINESS – 150 GROSS - 2,701 SF/150 = 19 OCCUPANTS

PROJECT DIRECTORY

OWNER:

TOWN OF MARION

6021 DALE DRIVE
MARION, MISSISSIPPI 39342
w: www.marionms.org

ARCHITECT:

DAVIS PURDY ARCHITECTS, PLLC

2303 6TH STREET
MERIDIAN, MISSISSIPPI 39301
t: 601.282.1655
w: www.davispurdyarchitects.com

STRUCTURAL ENGINEER:

CARTER MILLER SANSING, LTD.

404 HIGHWAY 19 N
MERIDIAN, MS 39307
t: 601.483.0601
w: www.cmaltd.us

MECH./PLUMB. ENGINEER:

SCOTT C. WOODS & ASSOCIATES, P.A.

112 LONE WOLF DRIVE
MADISON, MS 39110
t: 601.859.9864
w: www.scweng.com

CIVIL ENGINEER:

ENGINEERING SURVEYING INC.

4313 POPLAR SPRINGS DR,
MERIDIAN, MS 39305
t: 601.483.0862

ELECTRICAL ENGINEER:

THE POWER SOURCE, PLLC

350 EDGEWOOD TERRACE DRIVE
MADISON, MS 39110
t: 601.605.4820
w: www.thepowersource.us

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C2.1 EROSION CONTROL DETAILS
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E007 ELECTRICAL SITE PLAN
E100 LIGHTING PLAN
E200 POWER PLAN
E300 MECHANICAL CONNECTIONS PLAN

ALTERNATES

ALTERNATE #1 - USE 3/4" PLYWOOD PANELS WITH PLASTIC LAMINATE IN LIEU OF PERFORATED WOOD PANELS ON THE WALLS IN COURTROOM, CEILING FINISH TO BE 5/8" GYPSUM BOARD ON METAL STUDS, PAINTED.

ALTERNATE #2 - OMIT PERFORATED WOOD PANELS IN COURTROOM, WALL FINISH TO BE 5/8" GYPSUM BOARD, PAINTED. CEILING FINISH TO BE 5/8" GYPSUM BOARD ON METAL STUDS, PAINTED.

ALTERNATE #3 - CONTRACTOR TO USE ALTERNATE PAVING LAYOUT DESCRIBED IN DETAIL "PAVING ALTERNATES" ON PAGE C3.0 - SITE PLAN. ALTERNATE INCLUDES PAVING ALT 1, 2, & 3:

ALTERNATE #4 - ALL LUXURY VINYL TILE FLOORING TO BE 2.5MM THICK IN LIEU OF 5MM

ALTERNATE #5 - OMIT SUNSHADES ON COURTROOM WINDOWS

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL CONTRACTORS, SUPPLIERS, AND/OR MANUFACTURERS REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL APPLICABLE CODES, RULES AND REGULATIONS ARE OBSERVED (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.)
3. DO NOT SCALE DRAWINGS. PRINTING DISTORTS SCALE. ALL WORK SHALL REFER TO THE DIMENSIONS PROVIDED IN THE DRAWINGS.
4. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL INVESTIGATION PREPARED BY ENGINEERING PLUS, INC. PRIOR TO COMMENCEMENT OF DEMOLITION OR CONSTRUCTION. THE GEOTECHNICAL INVESTIGATION DOCUMENT INCLUDED WITHIN THE PROJECT MANUAL.
5. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
6. ALL DIMENSIONS PERTAINING TO EXISTING CONDITIONS AND/OR BUILDINGS SHALL BE FIELD VERIFIED.
7. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT WHEN LOCATING AREAS FOR JOB TRAILER, MATERIAL STORAGE, AND OR PROJECT STAGING.
8. THE CONTRACTOR SHALL INFORM THE ARCHITECT OF ANY DISCREPANCIES DISCOVERED ON THE PROJECT SITE THAT DIFFER FROM THAT OF THE CONTRACT DOCUMENTS.
9. THE CONTRACTOR SHALL VERIFY WITH THE ARCHITECT THE STATUS OF ANY EQUIPMENT OR ELEMENTS THAT ARE ASSOCIATED WITH DEMOLITION THAT CAN BY SALVAGED OR RE-USE PRIOR TO DISCARDING.
10. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK, PHASING, AND/OR STAGING OF THE WORK INCLUDING DEMOLITION AND NEW CONSTRUCTION WITH THE ARCHITECT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR THEIR WORK, ALL CUTTING AND PATCHING SHALL MATCH EXISTING SURFACES WHERE APPLICABLE.
12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TEMPORARY MOISTURE BARRIER WHERE ANY PORTIONS OF THE BUILDING TO REMAIN HAVE BEEN EXPOSED TO THE WEATHER DUE TO THE DEMOLITION PROCESS.
13. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING PORTIONS OF THE EXISTING BUILDING THAT ARE TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
14. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING AND/OR REPLACING ANY ITEMS OR PORTIONS OF THE EXISTING BUILDING NOT IN THE SCOPE OF WORK THAT MAY HAVE BEEN DAMAGED AS A RESULT OF DEMOLITION AND/OR CONSTRUCTION.
15. THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRIERS TO PROVIDE A SAFE SEPARATION BETWEEN CONSTRUCTION WORK AND ANY AREAS BEING OCCUPIED BY THE BUSINESS OPERATIONS.
16. THE CONTRACTOR SHALL PROVIDE TEMPORARY SIGNAGE AS NEEDED IN ORDER TO CLEARLY INDICATE AREAS OF DEMOLITION AND/OR CONSTRUCTION.
17. THE ARCHITECT AND ITS DESIGN SHALL NOT BE RESPONSIBLE FOR ANY WORK THAT DEVIATES FROM THE CONTRACT DOCUMENTS DURING THE DEMOLITION AND CONSTRUCTION PHASES OF THIS PROJECT. ANY DEVIATION OR CHANGE IN WORK FROM THE CONTRACT DOCUMENTS MUST BE APPROVED BY THE OWNER AND ARCHITECT. ANY APPROVED CHANGES MUST BE EXECUTED THROUGH A CHANGE ORDER AS DESCRIBED IN THE CONTRACT DOCUMENTS.
18. THE FOLLOWING TERMINOLOGY IS USED INTERCHANGEABLY AND HAS THE SAME MEANING: "METAL BUILDING MANUFACTURER" AND "PRE-ENGINEERED METAL BUILDING MANUFACTURER".
19. ALL STEEL STUD FRAMING (INCLUDING BOTH PARTITION AND MISCELLANEOUS FRAMING) SHALL BE 16" O.C. UNLESS OTHERWISE INDICATED.
20. ALL DOORS IN RATED PARTITIONS AND/OR WALLS SHALL BE RATED ACCORDINGLY. REFER TO DOOR SCHEDULE.
21. ALL FIRE EXTINGUISHERS ARE TO BE MOUNTED IN CABINETS, UNLESS OTHERWISE NOTED. FIRE EXTINGUISHERS SHALL LOCATED IN ACCORDANCE TO NFPA 10, WITHIN 75 FEET TRAVEL DISTANCE OF ALL OCCUPIED BUILDING AREAS. REFER TO SPECIFICATIONS.

ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	GA.	GAUGE	PLY'D	PLYWOOD
		GALV.	GALVANIZED	PSF	POUNDS PER SQUARE FOOT
ADA	AMERICAN DISABILITIES ACT	GB	GRAB BAR	PSI	POUNDS PER SQUARE INCH
		GYP.	GYPSUM	PTD	PAINTED
ADD'M.	ADDENDUM			PTDD	PAPER TOWEL DISPENSER
A.F.F.	ABOVE FINISHED FLOOR	H	HEAD	PVC	POLYVINYL CHLORIDE
ANOD.	ANODIZED	HCWD	HOLLOW CORE WOOD DOOR	R	RADIUS
BD.	BOARD	H.M.	HOLLOW METAL	R.A.G.	RETURN AIR GRILLE
BLKG.	BLOCKING	HORIZ.	HORIZONTAL	RB	RUBBER BASE
BLDG.	BUILDING	HT.	HEIGHT	REF	REFRIGERATOR
BLRD.	BOLLARD	HVAC	HEATING, VENT & AIR CONDITIONING	REINF	REINFORCING
				REQ'D	REQUIRED
CER.	CERAMIC			RT	RUBBER THRESHOLD
CMU	CONCRETE MASONRY UNIT	INSUL.	INSULATION		
		INT.	INTERIOR	S	SILL
COL.	COLUMN			SCWD	SOLID CORE WOOD DOOR
CONC.	CONCRETE	J	JAMB	SPD	SOAP DISPENSER
C.J.	CONSTRUCTION JOINT	JT.	JOINT	SHT	SHEET
CONST.	CONSTRUCTION			SIM.	SIMILAR
CONT.	CONTINUOUS	LBS	POUNDS	SQFT	SQUARE FEET
				S.S.	STAINLESS STEEL
DET.	DETAILS	MAX.	MAXIMUM	STR.	STRUCTURAL
DWGS.	DRAWINGS	MECH.	MECHANICAL	SUP	SUPPLEMENTAL
DF	DRINKING FOUNTAIN	MIN.	MINIMUM	SUSP.	SUSPENDED
		M.O.	MASONRY OPENING		
EA.	EACH	MTD.	MOUNTED	THKNS	THICKNESS
E.J.	EXPANSION JOINT			TPD	TOILET PAPER DISPENSER
ELEC.	ELECTRICAL	NA	NOT APPLICABLE	TRTD.	TREATED
ELEV.	ELEVATION	N.I.C.	NOT IN CONTRACT	TYP.	TYPICAL
EQ.	EQUAL	NO.	NUMBER		
E.W.	EACH WAY	NOM.	NOMINAL		
E.W.C.	ELECTRIC WATER COOLER	O.C.	ON CENTER	VCT	VINYL COMPOSITION TILE
EXIST.	EXISTING	O.D.	OUTSIDE DIAMETER	VERT.	VERTICAL
EXP.	EXPANSION	OPP	OPPOSITE	VIF	VERIFY IN FIELD
EXT.	EXTERIOR	OSB	ORIENTED STRAND BOARD	VWC	VINYL WALL COVERING
FD	FLOOR DRAIN			W/	WITH
FE	FIRE EXTINGUISHER	P.	PLASTIC	WD.	WOOD
FEC	FIRE EXTINGUISHER CABINET	PARA	PARAGRAPH	WT.	WEIGHT
		PEMB	PRE-ENGINEERED BUILDING		
FIN.	FINISHED	METAL			
FL.	FLOOR	PL	PLATE OR PLATED		

APPLICABLE CODE INFORMATION

BUILDING:	2021 INTERNATIONAL BUILDING CODE (IBC)
FIRE PREVENTION:	2021 INTERNATIONAL FIRE CODE (IBC)
MECHANICAL:	2021 INTERNATIONAL MECHANICAL CODE (IMC)
PLUMBING:	2021 INTERNATIONAL PLUMBING CODE (IPC)
GAS:	2021 INTERNATIONAL FUEL GAS CODE (IFGC)
ELECTRIC:	2021 NATIONAL ELECTRIC CODE (NEC)
ACCESSIBILITY:	2010 AMERICANS WITH DISABILITIES ACT (ADA) ADA ACCESSIBILITIES GUIDELINES FOR BUILDINGS AND FACILITIES (ADA) ICC/ANSI A117.1 -2009 EDITION

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REGISTERED ARCHITECT
MARK R. DAVIS
5984
STATE OF MISSISSIPPI

No.	Description	Date
2	ADDENDUM # 1	11/21/25
1	CONSTRUCTION DOCS	11/1/25

MARION
CITY HALL
REBID
5959 Dale Dr.
Meridian, MS 39342

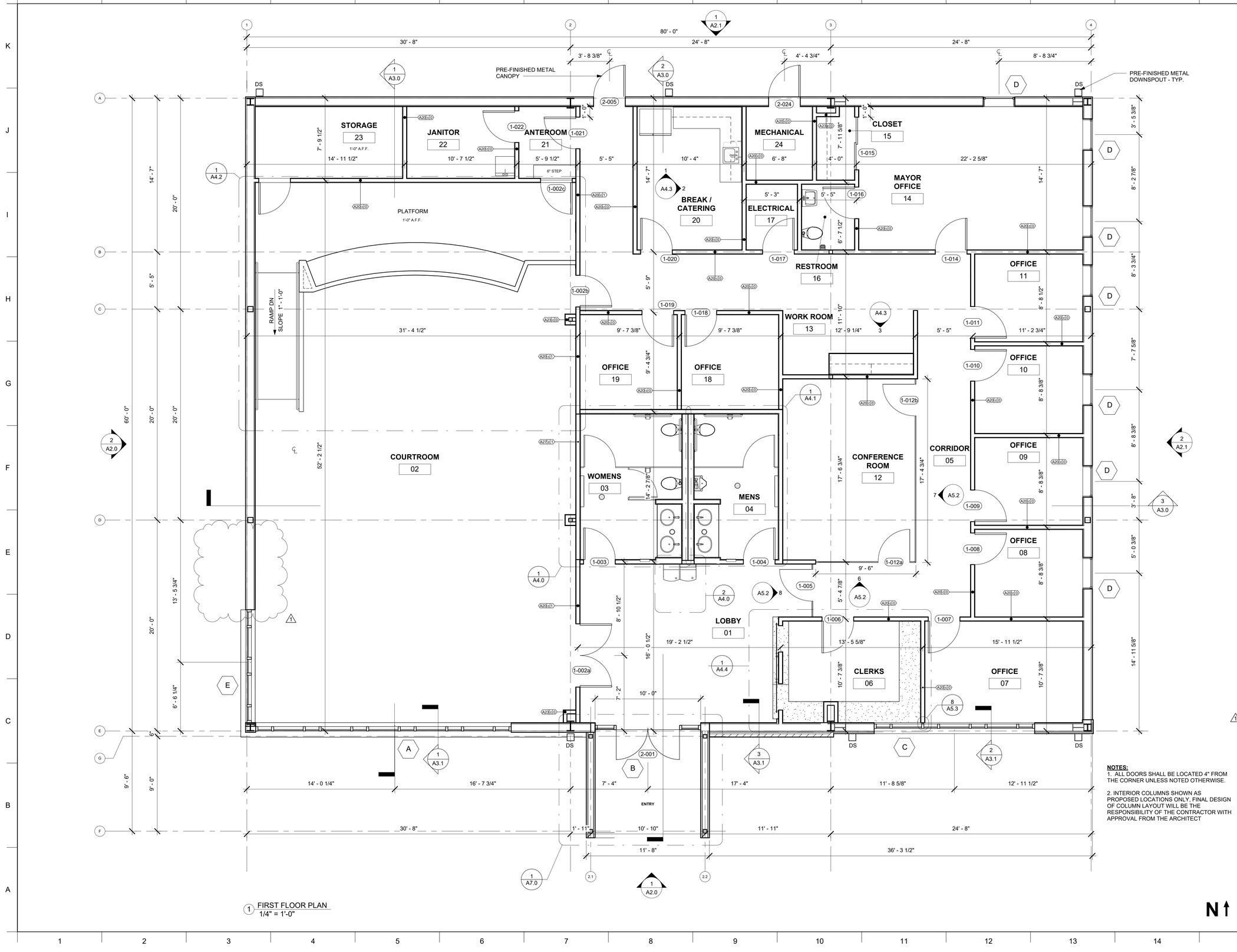
Sheet Title

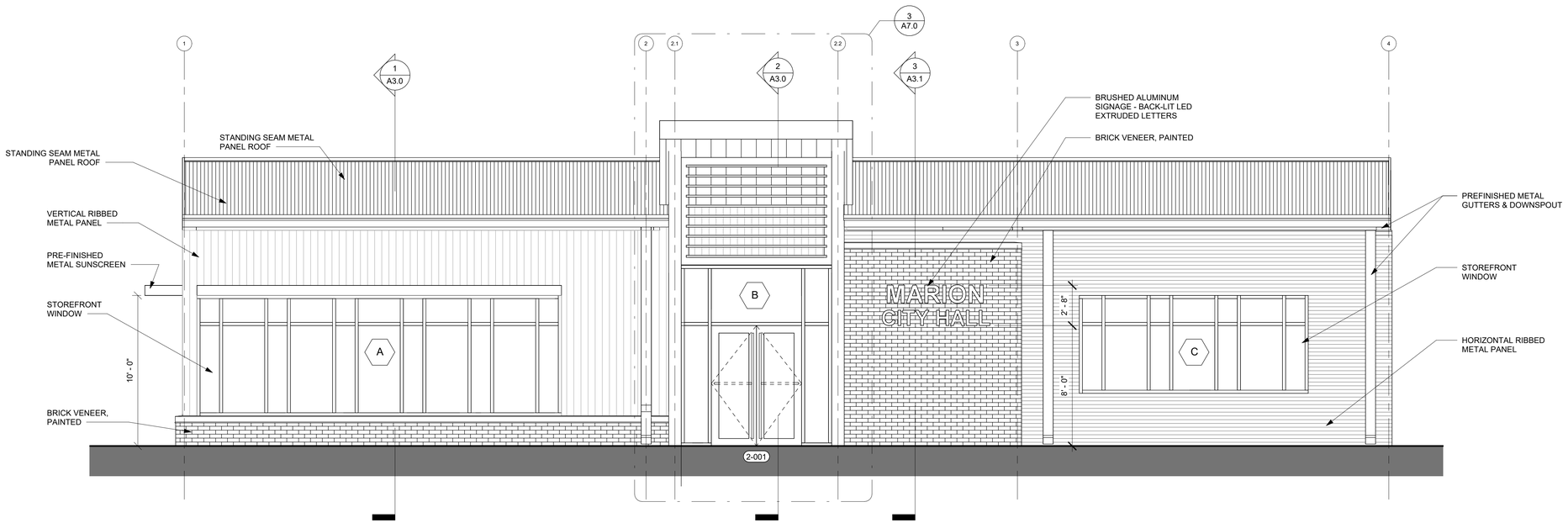
TITLE SHEET

Project No. 25_009

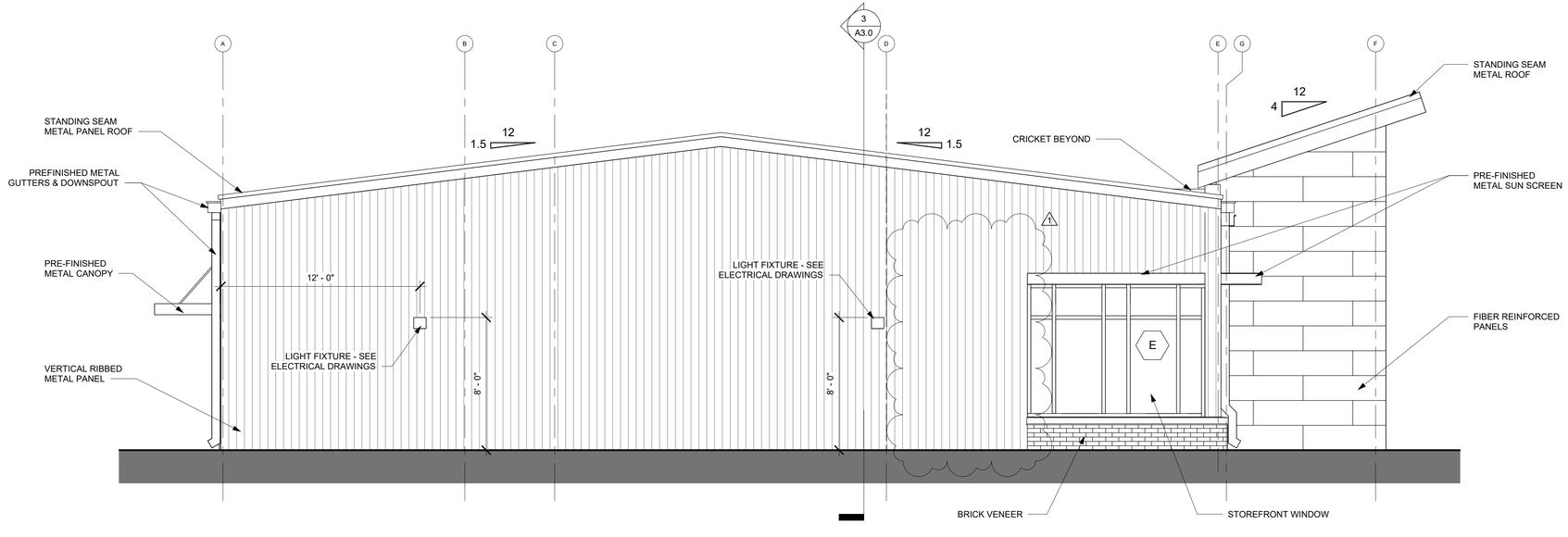
Date 11/01/25

T1.0


STORAGE 23
JANITOR 22
ANTEROOM 21
MECHANICAL 24
CLOSET 15
MAYOR OFFICE 14
BREAK / CATERING 20
ELECTRICAL 17
RESTROOM 16
OFFICE 11
OFFICE 10
OFFICE 09
OFFICE 08
OFFICE 07
WORK ROOM 13
OFFICE 19
OFFICE 18
COURTROOM 02
WOMENS 03
MENS 04
CONFERENCE ROOM 12
CORRIDOR 05
LOBBY 01
CLERKS 06
ENTRY
PLATFORM
1'-0" A.F.F.
6" STEP
RAMP DN SLOPE 1" - 1'-0"
PRE-FINISHED METAL CANOPY
PRE-FINISHED METAL DOWNSPOUT - TYP.
DS
80' - 0"
30' - 8"
24' - 8"
24' - 8"
3' - 8 3/8"
4' - 4 3/4"
8' - 8 3/4"
31' - 4 1/2"
52' - 2 1/2"
14' - 0 1/4"
16' - 7 3/4"
7' - 4"
17' - 4"
11' - 8 5/8"
12' - 11 1/2"
30' - 8"
1' - 11"
10' - 10"
11' - 11"
24' - 8"
11' - 8"
36' - 3 1/2"
22' - 2 5/8"
15' - 11 1/2"
13' - 5 5/8"
19' - 2 1/2"
10' - 0"
10' - 4"
9' - 6"
14' - 11 1/2"
10' - 7 1/2"
5' - 9 1/2"
5' - 5"
9' - 7 3/8"
9' - 7 3/8"
12' - 9 1/4"
11' - 2 3/4"
14' - 7"
20' - 0"
5' - 5"
60' - 0"
20' - 0"
20' - 0"
13' - 5 3/4"
6' - 6 1/4"
9' - 6"
5' - 0"
7' - 9 1/2"
8' - 10 1/2"
16' - 0 1/2"
14' - 2 7/8"
9' - 4 3/4"
5' - 9"
7' - 2"
17' - 6 3/4"
17' - 4 3/4"
5' - 4 7/8"
8' - 8 3/8"
8' - 8 3/8"
8' - 8 3/8"
8' - 2 7/8"
8' - 3 3/4"
8' - 8 1/2"
7' - 7 5/8"
8' - 8 3/8"
3' - 5 3/8"
3' - 8"
5' - 0 3/8"
14' - 11 5/8"
10' - 7 3/8"
10' - 7 3/8"
6' - 7 1/2"
7' - 11 5/8"
4' - 0"
5' - 3"
5' - 5"
1'-0" A.F.F.
1-002a
1-002b
1-002c
1-003
1-004
1-005
1-006
1-007
1-008
1-009
1-010
1-011
1-012a
1-012b
1-014
1-015
1-016
1-017
1-018
1-019
1-020
1-021
1-022
2-001
2-005
2-024
A20d:d0
A20d:d1
A20d:c1
A23d:d0
A4.3
A5.3
A5.2
A4.0
A4.1
A4.4
A7.0
A3.1
A2.0
A2.1
A3.0
A4.2
A5.2
A3.0
A3.1
A2.1
A2.0
A5.2
A4.3
A4.0
A4.4
A7.0
A3.1
A5.3
A5.2
A3.0
A3.1
A2.1
A2.0
A4.3
A4.1
A4.0
A5.2
A5.2
A4



1 SOUTH ELEVATION
1/4" = 1'-0"



2 WEST ELEVATION
1/4" = 1'-0"

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REGISTERED ARCHITECT MARK R. DAVIS 5384 STATE OF MISSISSIPPI

No.	Description	Date
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1	CONSTRUCTION DOCS	11/1/25

MARION
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REBID
5959 Dale Dr.
Meridian, MS 39342

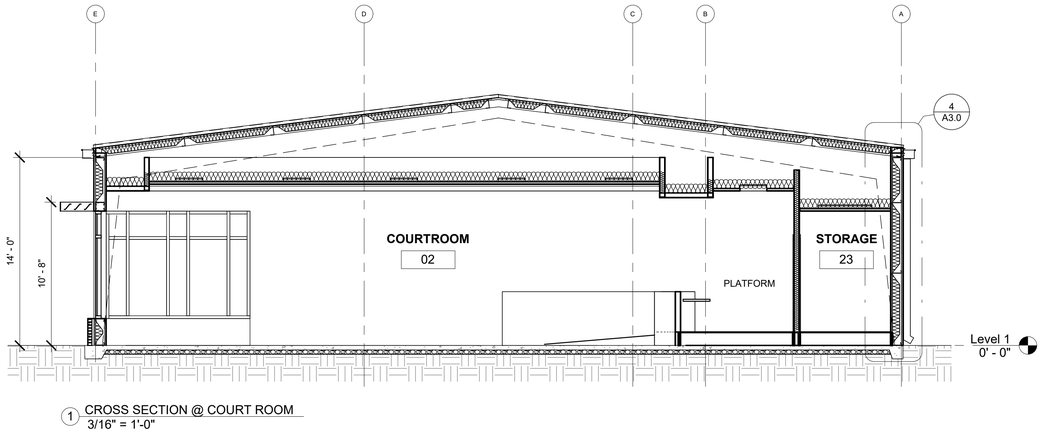
Sheet Title

EXTERIOR ELEVATIONS

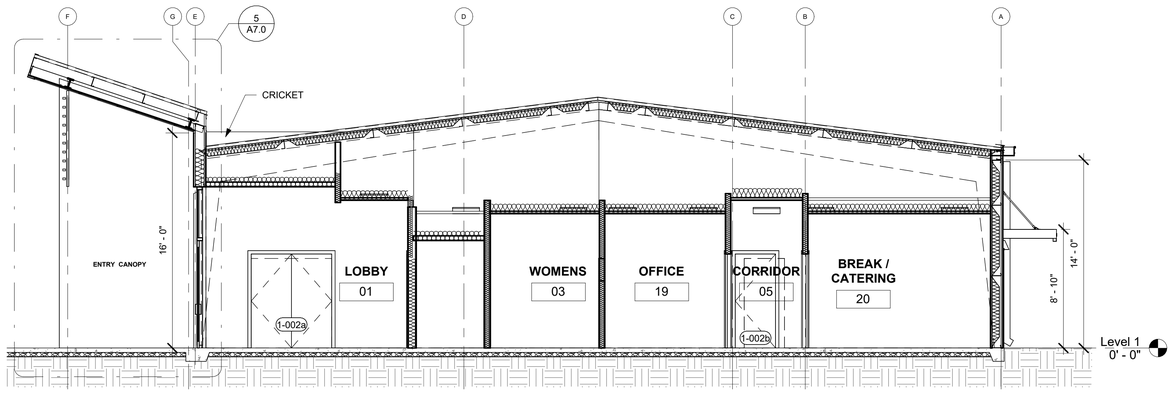
Project No. 25_009

Date 11/01/25

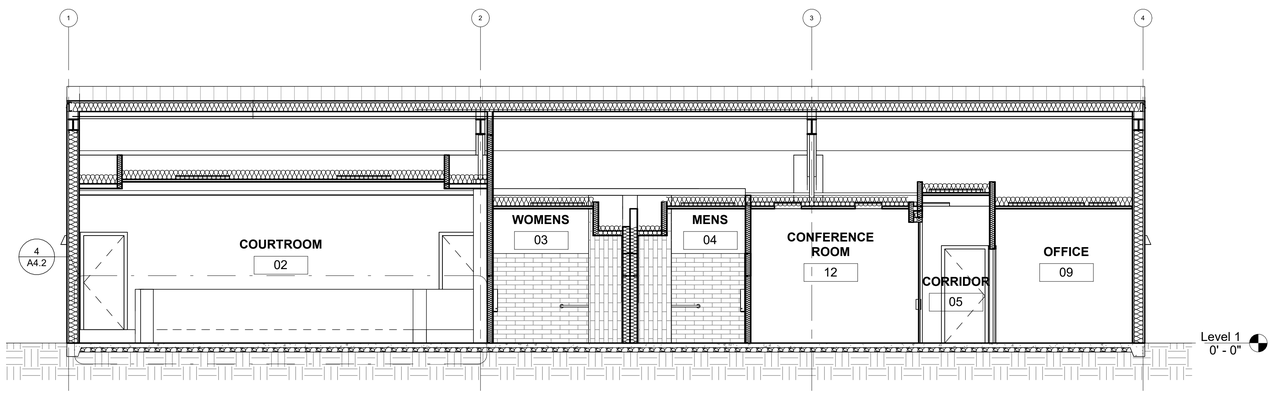
A2.0



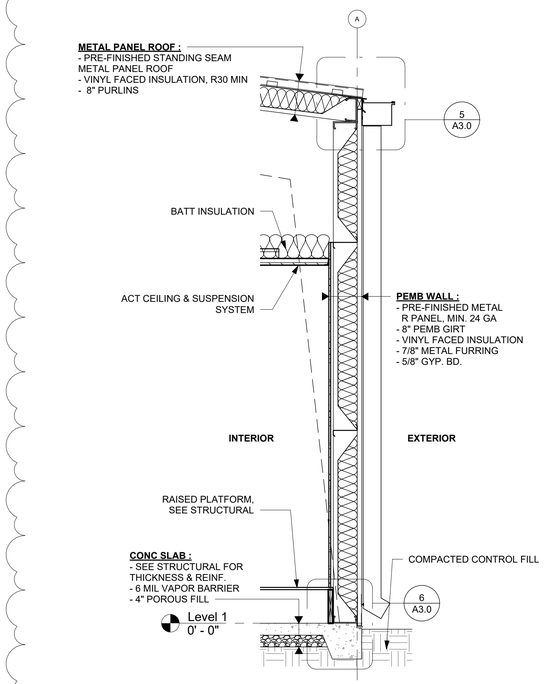
1 CROSS SECTION @ COURT ROOM
3/16" = 1'-0"



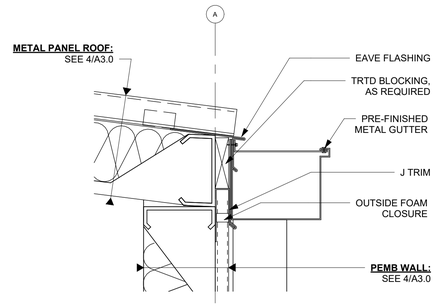
2 CROSS SECTION @ MEETING ROOM
3/16" = 1'-0"



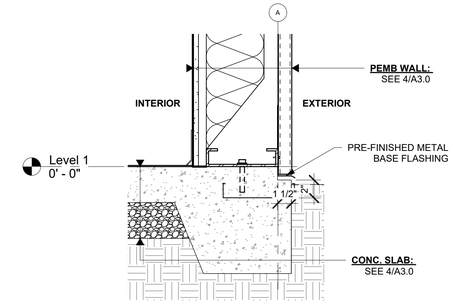
3 LONGITUDINAL SECTION @ LOBBY
3/16" = 1'-0"



4 TYPICAL WALL SECTION
1/2" = 1'-0"



5 SECTION DETAIL @ TYPICAL PEMB WALL EAVE
1 1/2" = 1'-0"



6 SECTION DETAIL @ TYPICAL PEMB WALL BASE
1 1/2" = 1'-0"

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MARK R. DAVIS
5384
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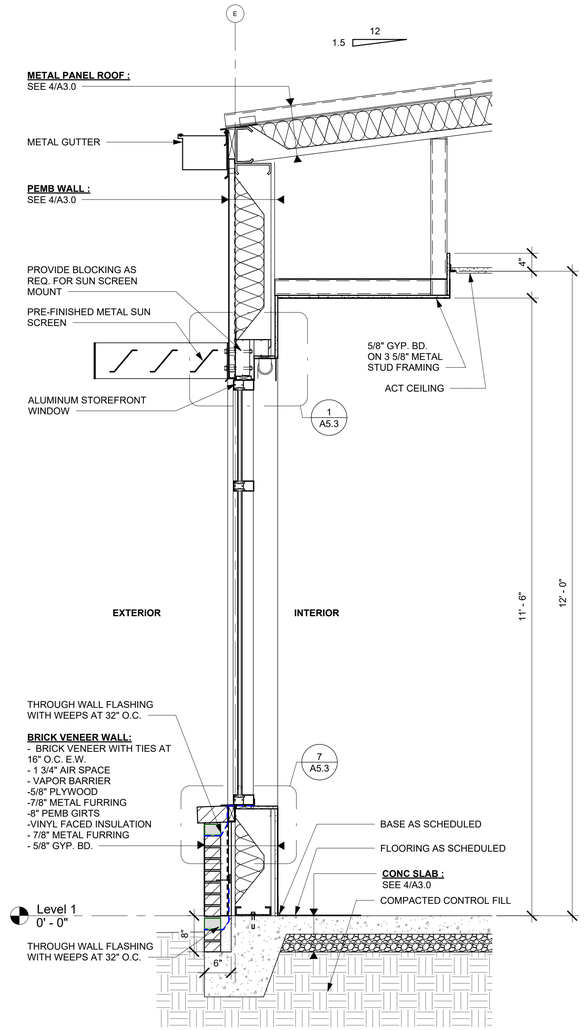
No.	Description	Date
2	ADDENDUM # 1	11/21/25
1	CONSTRUCTION DOCS	11/1/25

MARION
CITY HALL
REBID
5959 Dale Dr.
Meridian, MS 39342

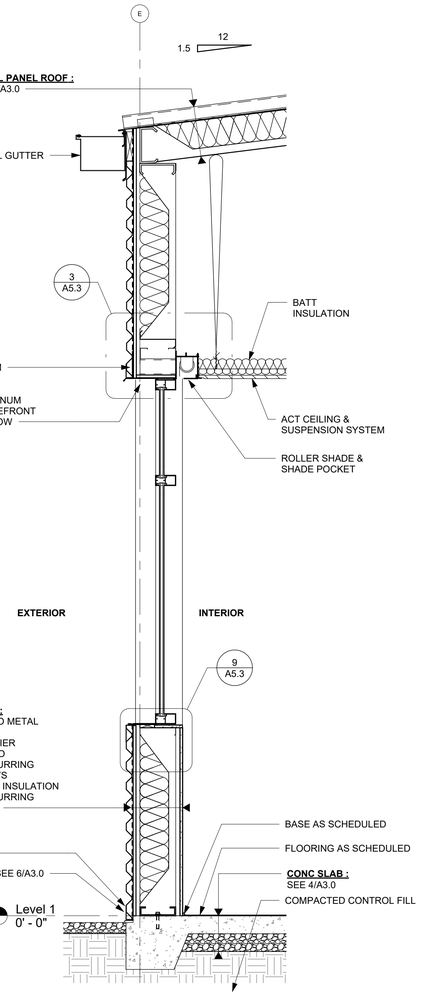
Sheet Title
BUILDING
SECTIONS

Project No. 25_009
Date 11/01/25

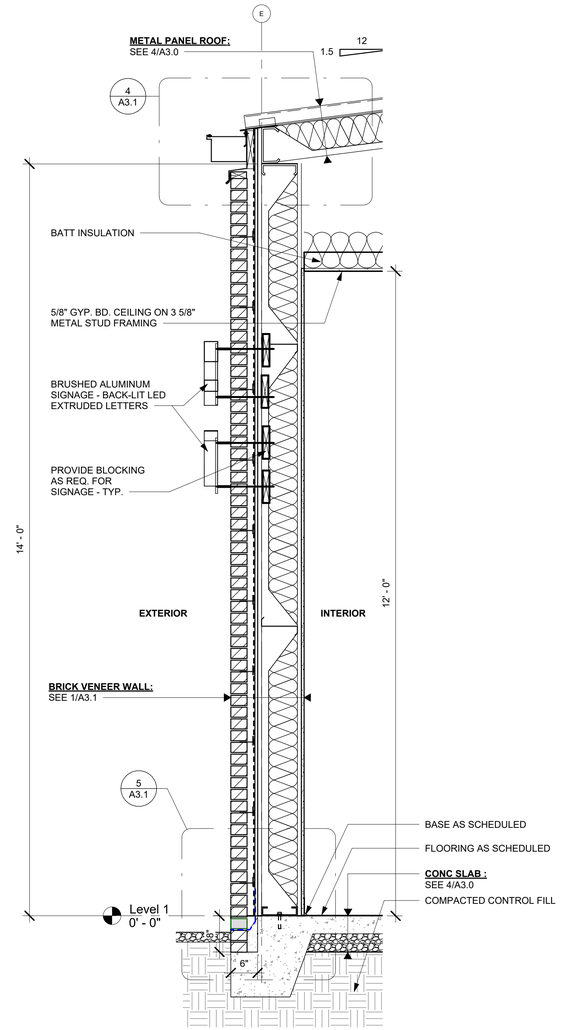
A3.0



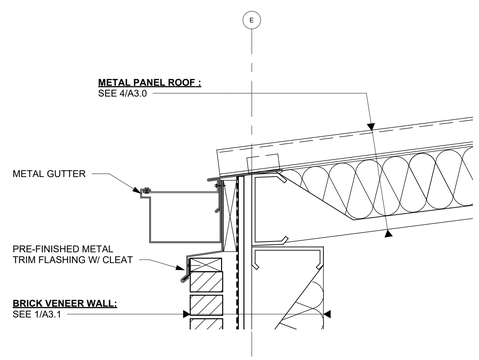
1 WALL SECTION @ COURT ROOM WINDOW
3/4" = 1'-0"



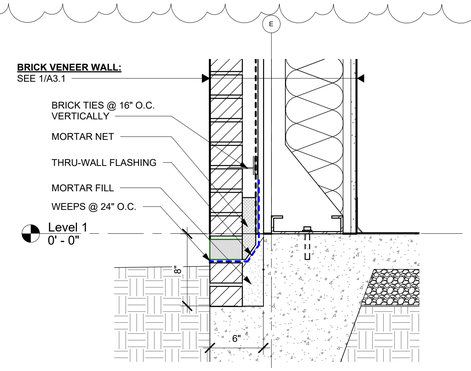
2 WALL SECTION @ FRONT OFFICE WINDOW
3/4" = 1'-0"



3 BRICK SIGNAGE WALL SECTION
3/4" = 1'-0"



4 SECTION DETAIL @ SIGNAGE WALL EAVE
1 1/2" = 1'-0"



5 SECTION DETAIL @ SIGNAGE WALL BASE
1 1/2" = 1'-0"

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REGISTERED ARCHITECT MARK R. DAVIS 5984 STATE OF MISSISSIPPI

No.	Description	Date
2	ADDENDUM # 1	11/21/25
1	CONSTRUCTION DOCS	11/1/25

MARION CITY HALL REBID

5959 Dale Dr.
Meridian, MS 39342

Sheet Title

WALL SECTIONS & DETAILS

Project No. 25_009

Date 11/01/25

A3.1

DOOR SCHEDULE

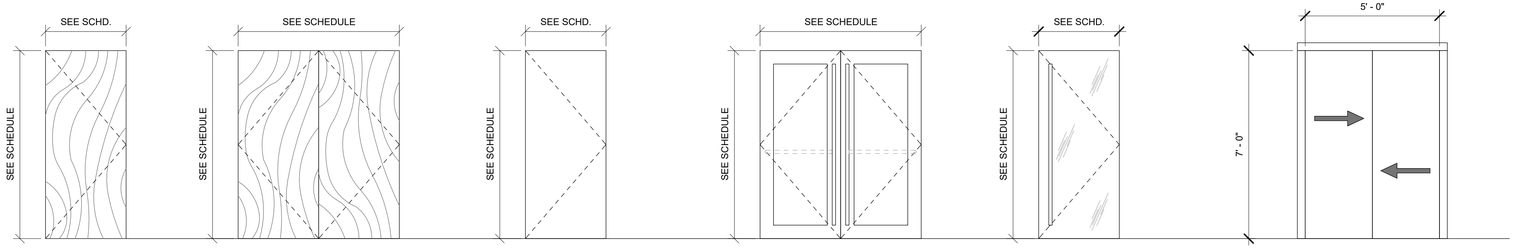
DOOR										FRAME							
							SIZE						DETAILS				
DOOR NO.	ROOM NO.	ROOM NAME	DOOR TYPE	MATERIAL	DOOR FINISH	FIRE RATING	WIDTH	HEIGHT	THICKNESS	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HEAD	JAMB	SILL	HARDWARE	COMMENTS
1-002a	2	COURTROOM	A-2	WOOD	STAIN	45 MIN.	6' - 0"	7' - 0"	0' - 1 3/4"	B	HM	PAINTED	2/A5.1	5/A5.1		4'-0" S.S. LADDER PULLS ON LOBBY SIDE. STANDARD PANIC HARDWARE IN COURTROOM	
1-002b	2	COURTROOM	A-1	WOOD	STAIN	45 MIN.	3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1		PANIC HARDWARE	
1-002c	2	COURTROOM	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-003	3	WOMENS	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-004	4	MENS	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-005	5	CORRIDOR	D-1	GLASS	NA		3' - 0"	9' - 0"	0' - 0 1/2"	NA	NA	NA	6/A4.5 SIM		8/A5.4 SIM	4'-0" S.S. LADDER PULLS, BOTH SIDES	
1-006	6	CLERKS	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-007	7	OFFICE	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-008	8	OFFICE	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-009	9	OFFICE	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-010	10	OFFICE	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-011	11	OFFICE	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-012a	12	CONFERENCE ROOM	D-1	GLASS	NA		3' - 0"	9' - 0"	0' - 0 1/2"	NA	NA	NA	5/A4.5 SIM		8/A5.4 SIM	4'-0" S.S. LADDER PULLS, BOTH SIDES	
1-012b	12	CONFERENCE ROOM	D-1	GLASS	NA		3' - 0"	9' - 0"	0' - 0 1/2"	NA	NA	NA	5/A4.5 SIM		8/A5.4 SIM	4'-0" S.S. LADDER PULLS, BOTH SIDES	
1-012c	2	COURTROOM	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-014	14	MAYOR OFFICE	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-015	15	CLOSET	E-1	WOOD	STAIN		5' - 0"	7' - 0"	0' - 1 3/4"	C	WOOD	PAINTED	2/A5.1	5/A5.1			
1-016	16	RESTROOM	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-017	17	ELECTRICAL	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-018	18	OFFICE	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-019	19	OFFICE	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-020	20	BREAK / CATERING	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-021	21	ANTEROOM	A-1	WOOD	STAIN	45 MIN.	3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
1-022	22	JANITOR	A-1	WOOD	STAIN		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	2/A5.1	5/A5.1			
2-001	1	LOBBY	C-2	ALUMINUM	ANOD		6' - 0"	8' - 0"		D	ALUM.	ANOD	3/A5.1	6/A5.1	8/A5.1	4'-0" S.S. LADDER PULLS ON EXT. STANDARD PANIC HARDWARE ON INT.	
2-005	16	CORRIDOR	B-1	HM	PAINTED		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	1/A5.1	4/A5.1	7/A5.1	PANIC HARDWARE	
2-024	24	MECHANICAL	B-1	HM	PAINTED		3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	PAINTED	1/A5.1	4/A5.1	7/A5.1		

ABBREVIATIONS

ANOD	ANODIZED
ALUM	ALUMINUM
ALUM SCRN	ALUMINUM SCREEN
HM	HOLLOW METAL

GENERAL NOTES

1. PROVIDE PANIC HARDWARE FOR ALL EGRESS DOORS.
2. ALL EGRESS DOORS ARE TO SWING IN THE PATH OF TRAVEL.
3. LOCATE DOORS 4" FROM ADJACENT WALL UNLESS OTHERWISE INDICATED.
4. DOOR HARDWARE INFORMATION PROVIDED IN SCHEDULE IS GENERAL. SPECIFIC DOOR HARDWARE WILL BE SELECTED BY OWNER AND ARCHITECT THROUGH ALLOWANCE. SEE SPECIFICATIONS.
5. PROVIDE APPROPRIATE TRANSITION STRIPS AT INTERIOR DOOR SILLS WHERE APPLICABLE.
6. PROVIDE EXTRUDED ALUMINUM SILLS AT ALUMINUM STOREFRONT ENTRANCES AND HOLLOW METAL SILLS AT HOLLOW METAL EXTERIOR DOORS.
7. PROVIDE ADA COMPLIANT HARDWARE AT ALL ACCESSIBLE DOORS FOR ACCESSIBLE SPACES.
8. PROVIDE ADA CLEARANCES PER DETAIL 3/A5.0.
9. REFER TO FINISH SCHEDULE GENERAL NOTES FOR DOOR FINISHES.



A-1 - Flush Wood
- Interior Single Door
- Finish - Stain

A-2 - Flush Wood
- Interior Pair Door
- Finish - Stain

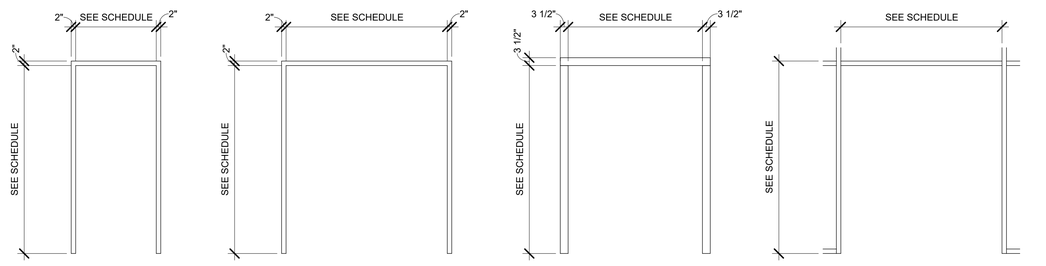
B-1 - Hollow Metal
- Interior Single Door
- Exterior Single Door
- Finish - Paint

C-2 - Alum. Curtain Wall
- Exterior Pair Door
- Aluminum Frame
- Insulated Tempered Glass
- Finish - Anodized

D-1 - Monolithic Glass
- Interior Single Door
- Frameless
- 1/2" Tempered Glass

E-1 - Wood Sliding Doors
- Interior Wood Sliding Doors
- Wood Frame
- Finish - Paint

1 DOOR TYPES
3/8" = 1'-0"



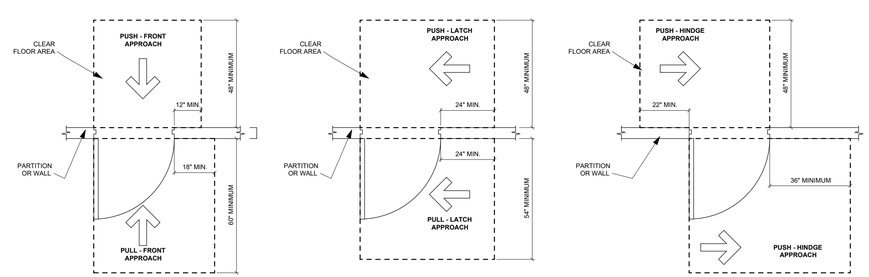
A - Hollow Metal
- Exterior/Interior Single Door
- Painted Finish

B - Hollow Metal
- Exterior/Interior Pair Door
- Painted Finish

C - Wood
- Interior Sliding Door
- Painted Finish

D - Aluminum (Storefront & Curtain Wall)
- Exterior/Interior Single Door
- Anodized Finish

2 DOOR FRAMES
3/8" = 1'-0"



3 ADA DOOR CLEARANCES
3/8" = 1'-0"

DAVIS PURDY ARCHITECTS, PLLC
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Seal

REGISTERED ARCHITECT MARK R. DAVIS 5384 STATE OF MISSISSIPPI

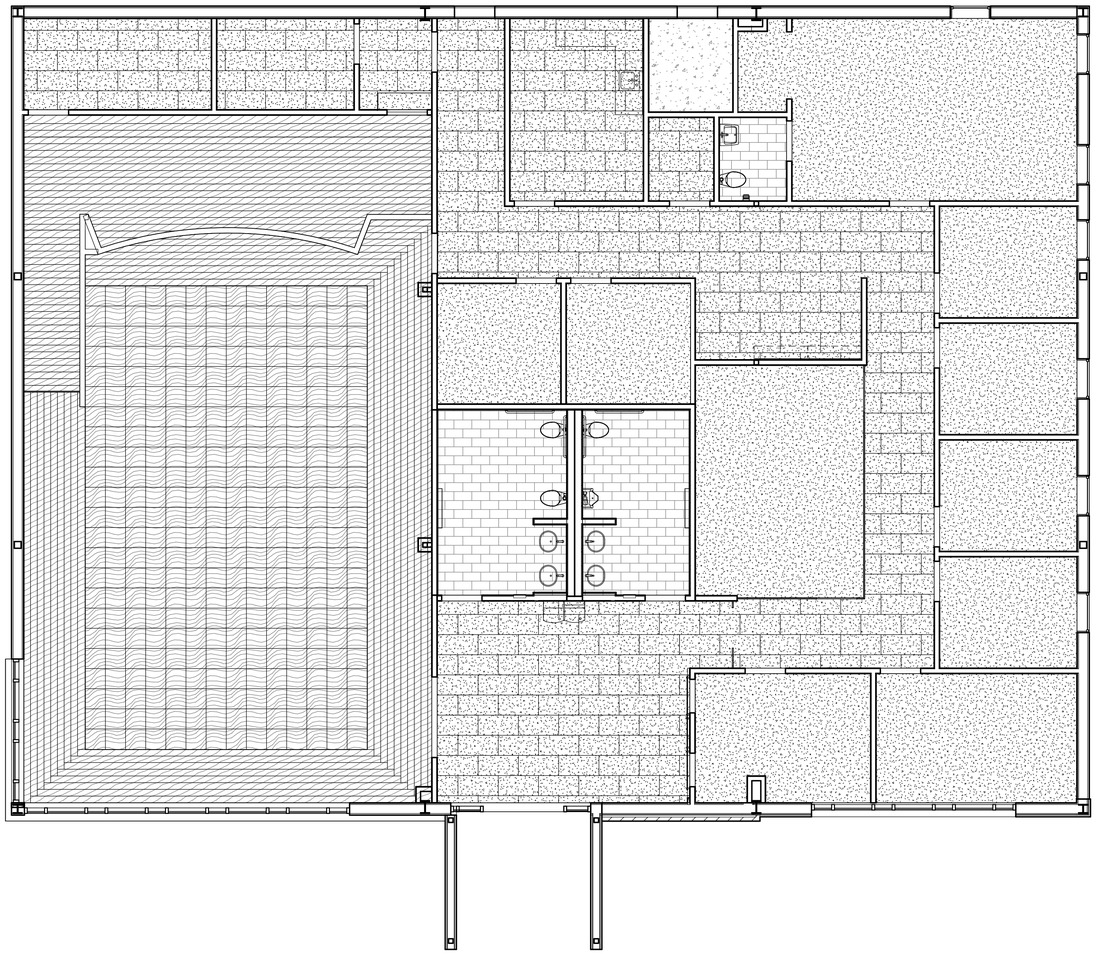
No.	Description	Date
2	ADDENDUM # 1	11/21/25
1	CONSTRUCTION DOCS	11/1/25

MARION
CITY HALL
REBID
5959 Dale Dr.
Meridian, MS 39342

Sheet Title
DOOR SCHEDULE

Project No. 25_009
Date 11/01/25

A5.0



1 FLOOR FINISH DIAGRAM
3/16" = 1'-0"

FLOORING DIAGRAM LEGEND

- SEALED CONCRETE
- LUXURY VINYL TILE
- PLANK LUXURY VINYL TILE
- PARQUET LUXURY VINYL TILE
- CARPET TILE
- PORCELAIN TILE

FLOORING GENERAL NOTES

1. FLOOR PATTERN CONFIGURATION SHOWN AS DIAGRAMMATIC ONLY, FINAL LAYOUT TO BE APPROVED BY ARCHITECT

2. PROVIDE ALUMINUM ANTI-SLIP STAIR NOSING WITH HIGH CONTRAST COLOR STRIPING AT INTERIOR STEPS AMERICAN FLOOR MATS PRODUCT NUMBER: STALMN.AFM OR EQUAL

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REGISTERED ARCHITECT
MARK R. DAVIS
5384
STATE OF MISSISSIPPI

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MARION
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5959 Dale Dr.
Meridian, MS 39342

Sheet Title
FLOOR FINISH DIAGRAM

Project No. 25_009
Date 11/01/25

A6.2