SECTION 009113 - ADDENDUM TWO

PART 1 - ADDENDA

1.1 PROJECT INFORMATION

- A. Project Name: 22062 Picayune Multipurpose and Band Hall Renovation
- B. Owner: Picayune School District, 706 Goodyear Blvd., Picayune, MS 39466
- C. Architect: Dale | Bailey, an Association, 188 E. Capitol Street, Suite 250, Jackson, Mississippi, 39201
- D. Architect Project Number: 22062
- E. Date of Addendum Two: 7 July 2023

1.2 NOTICE TO BIDDERS

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

1.3 GENERAL

- A. Attached are the annotated Pre-Bid Meeting Minutes and Meeting Attendees dated 6 July 2023.
- B. The rectangular elements seen in the locker room section on A-301 are Lockers. 9th and junior varsity rooms receive 18"x 18" lockers while the varsity receives 2'x 2' lockers.
- C. The exterior metal wall panel on the new multipurpose building is not to be the insulated metal wall panel type. They are to be the standard metal building corrugated type.
- D. This project is no longer ESSER funded and will no longer require Davis Bacon Wages. All references made to ESSER funding should be removed.
- E. Completion date is now June 30, 2024.



1.4 GENERAL RESPONSES TO REQUESTS FOR INFORMATION

A. Question: Neither the specs nor the drawing calls out material size and type for the handrails.

Answer: Handrails are to be round tube steel and to be sized accordingly: All Horizontal members are to be 1.5", all vertical structural members are to be 1.5", and all intermediate picket members are to be .5".

B. Question: Sec. 1, 2, & 7/S-202 Calls out 3" angles and C6x8.2 whose location is to be coordinated with the canopy supplier and metal building manufacturer, respectively. It does not call out qty or spacing to find out count. Also 3/S-202 calls out 3" angle and 6" angle w/stiffener. I would assume they are at each rigid frame column.

Answer: The L3x3x1/4 and C6x8.2 Channel in sections 1&7/S-202 can be omitted. The channel in angle in section 2/S-202 are located at the rod for the canopy support. The number and spacing will need to be coordinated with the canopy supplier. Detail 3/S-202 is cut at the column where the HSS12x6x1/4 connects to the column.

- C. Question: I took a snap of 7/S202, but these callouts are typical throughout the structural details. Just want to be clear on a couple things:
 - We will not design steel studs or connection of studs. Our responsibility stops at the wind girt.
 - 2. We will not design the connection of the storefront glass to the header.
 - 3. The L3x3x1/4 angle on top of the header tube seems problematic, wouldn't that interfere with the stud track?

<u>Answer:</u> The exterior steel studs are a differed submittal and will be designed by the stud supplier along with their connections to the wind beam.

The design of the storefront window connection to the structure is the responsibility of the window supplier.

The L3x3x1/4 angle has been omitted except at the C6x8.2 need for the canopy rod connections.

D. <u>Question:</u> Verify the work scope to grind the existing concrete slab at the existing building and sealed concrete specs for this area.

Answer: All floors in the band hall that list sealed concrete as the finish are required to remove any existing flooring, as listed in the drawings, and ground as necessary for the sealed concrete finish. All rubber flooring is to be salvaged and returned to the Owner.

E. Question: The specs call for high performance coatings. Please verify the locations.

Answer: The "high performance coating" is the sealed concrete.

F. Question: Is building shown existing or new?

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Addendum Two Picayune Multipurpose and Band Hall Renovation Picayune, Mississippi

7July 2023

Answer:

Detail 9 on Sheet C5.0 is only used on the existing building on south side of football field at the two downspout locations at the front entrance. The other two downspouts on front of this building will be modified as needed to continue to run overground.

G. Question:

Please provide section marks where this detail is required on civil plans.

Answer:

See answer to previous question.

H. Question:

If the retaining wall and footing elevations steps up or down, I need to know where the elevation changes are on the civil plan. The top elevation on the footing could remain constant or step up. Please clarify.

Answer:

Finished grade elevations for front stairs, entrance, and ramp are shown on Sheet C4.1. See structural for wall requirements.

I. Question:

Please provide additional dimensions.

Answer:

See revised Sheet C4.1 with added dimensions.

J. <u>Question:</u>

Please provide complete designed sections at these locations.

Answer:

Reference structural for any retaining wall requirements.

K. <u>Question:</u>

How many Cleanouts per Detail 8/C-5.0 are required for the D.S. 6" PVC Underground Storm Drains at the Existing Band Hall and at the New Multipurpose Building?

Answer:

See architectural for downspout boots on new multipurpose building. If they include cleanouts, only required cleanouts would be where header pipe makes a "bend". On existing building, no cleanouts required on the front of building, and one required at each downspout location on the back.

L. Question:

For bidding purposes only, it would best to assume 6" SD Leaders in lieu of 4" per Detail 8/C-5.0 at the New Multipurpose Building and also for the Existing Building, note 3 states New 8" Line to Tie to Exist. Pipe, so 6" Leader may work. Please Advise and Clarify.

Answer:

At the existing building, contractor can use 4" SD leaders with connection adapter or 6" SD leaders that connect to 8" header pipe. At new building, 6" SD leaders connecting to 12" header pipe should be used as shown on Sheet C-4.0.

M. Question:

At the Existing Building sheet C-4.0, could we Tie to the Existing Grate Inlet, if the Invert allows for Bid Purposes Only? I cannot locate the Exist. Header Pipe per Note 3 while bidding this project. (See Detail with Dimension Below to Existing Grate Inlet. Please Advise.

Answer:

Yes, contractor can tie to existing grate inlet. Was trying to avoid concrete removal and reinstallation by reconnecting to existing header pipe.

N. Question: I believe it would be best to have Cast Irion D.S. Boots for this Facility, I do not see

a Detail on A-321 Indicating a D.S. Boot for PVC nor Cast Iron. Please Clarify Type

and Height Needed.

<u>Answer:</u> See architectural for Cast Iron Downspout boots on the new multipurpose facility.

On existing building, connection from downspout to underground PVC piping can

be made per manufacturer's recommendation.

- O. Question: How deep are the two 4" sanitary sewer connections as shown on sheet C4.0?
 - Answer: Per G-002, sewer manhole at intersection of Norwood Street and Third Avenue

has top of 55.95 and an invert of 48.30.

- 1.5 REVISIONS TO DIVISION 00 PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS
 - A. DOCUMENT 002113 INSTRUCTIONS TO BIDDERS (Not Re-Issued). Delete section 1.3 and 1.4. This project is no longer using ESSER funds.
 - B. DOCUMENT 004113 BID FORM. Delete this form in its entirety and replace it with new. See attached.
 - C. DOCUMENT 000820 FEDERAL REQUIREMENTS. Delete this form in its entirety. This project is no longer using ESSER funds.
 - D. DOCUMENT 004105 FORM OF NON-COLLUSION AFFIDAVIT. Delete this form in its entirety. This project is no longer using ESSER funds.
 - E. AIA DOCUMENT A101-2017 (Not Re-Issued). Section 3.3.1 Change completion date to June 30, 2024.
- 1.6 REVISIONS TO DIVISION 01 GENERAL REQUIREMENTS
 - A. DOCUMENT 011000 SUMMARY (Not Re-Issued). Delete 1.3.A.2. This project is no longer using ESSER funds.
- 1.7 REVISIONS TO TECHNICAL SPECIFICATIONS
 - A. Section 076200 SHEET METAL FLASHING AND TRIM AND ROOF DRAINAGE ACCESSORIES. (New).
 - B. Section 23980 CONTROLS AND INSTRUMENTATION (Not Re-Issued). Paragraph 3.2.A. change to read as follows:
 - A. Since no fire alarm system is involved with this project, the CONTRACTOR shall provide and install all specified duct and/or plenum mounted smoke detectors as called for by code, specified, and on Mechanical Drawings, etc. and interlock with individual HVAC systems for shutdown of equipment.

1.8 REVISIONS TO DRAWINGS

- A. Sheet A-201 EXTERIOR ELEVATIONS. (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Added the word "MEMORIAL" to the side of the multi-purpose building.
- B. Sheet A-321 WALL SECTIONS AND DETAILS. (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Provided further detail and clarification on wall section details.
- C. Sheet A-611 SCHEDULES. (Re-Issued). Delete this sheet in its entirety and replace it with the attached. Add "Memorial" to the plaque and update the finish schedule legend.
- D. Sheet C-4.0 SITE PLAN. (Not Re-Issued). 30 LF of 2" water line should read 30 LF of 2 ½" water line required.

1.9 ATTACHMENTS

- A. Annotated Pre-Bid Meeting Minutes and Meeting Attendees dated 6 July 2023.
- B. This Addendum includes the following attached Specifications:
 - Section 076200 Sheet Metal Flashing and Trim and Roof Drainage Accessories dated 7 July 2023.
- C. This Addendum includes the following attached Drawings:
 - 1. Sheet A-201 Exterior Elevations dated 7 July 2023.
 - 2. Sheet A-321 Wall Sections and Details dated 7 July 2023.
 - 3. Sheet A-611 Schedules dated 7 July 2023.

END OF ADDENDUM TWO



Meeting Minutes

201 Park Court, Suite B Ridgeland, MS 39157

P 601.790.9432 F 888.281.0547

One Jackson Place, Suite 250 188 East Capitol Street Jackson, MS 39201-2100

> P 601.352.5411 F 601.352.5362

161 Lameuse Street, Suite 201 Biloxi, MS 39530

P 228.374.1409

F 228.374.1414

06 July 2023

22062 Picayune Multipurpose and Bandhall / Pre-Bid Meeting

- 1. General
 - a. Please silence cell phones
 - b. Sign-in sheet: Minutes will include list of meeting attendees
- 2. Team

a.	Owner Picayune School District / Picayune, MS / Dean Shaw
b.	Architect Dale Bailey An Association / Jackson, MS / Chance Stokes
c.	Civil
d.	StructuralStructural Design Group / Nashville, TN / Will Grigg
e.	Mechanical GSK Mechanical / Ridgeland, MS / Jason Kackley
f.	Electrical The Power Source / Ridgeland, MS / Chris Green

- **Procurement and Contracting Requirements**
 - a. Advertisement for Bids
 - i. Advertisement dates: 06.17.23 & 06.24.23
 - ii. Bid Receipt: Bids to be opened at 2:00 PM on Tuesday, July 18, 2023
 - iii. Bid Location: Picayune School District / 706 Goodyear BLVD. / Picayune, MS 39466
 - **Bidder Qualifications**
 - i. Bidders must be properly licensed under the laws governing their respective
 - ii. List all applicable state & local license & registration nos. on outside of bid envelope
 - Bonding & Insurance
 - i. Bidders must be able to obtain insurance and bonds required for the Work
 - d. Bid Security
 - i. A Bid Security in the amount of 5% of the total maximum bid amount is required
 - ii. Cash, cashier's check, certified check, US money order, or bid bond
 - e. Bid Form and Attachments
 - i. Acknowledgement of Addenda
 - ii. Subcontractor identification
 - **Bid Submittal Requirements**

- i. Envelope requirements (re: Bid Submittal Checklist)
- ii. Proper identification
- g. Notice of Award
 - i. Offered within 60 days after receipt of bids
 - ii. Award will be made as soon as possible & successful bidder should be ready to secure bonds & insurance immediately
- 4. Communication during Bidding Period
 - a. Obtaining documents
 - i. Plan holders are required to register and order bid documents at www.dalebaileyplans.com
 - b. Bidder's Requests for Information
 - i. Binding answers to questions must be included in an official written addendum and the Contractor or Subcontractor is encouraged to provide written communications to the Architect for proper response
 - ii. Address e-mailed written correspondence to biddinginfo@dalepartners.com
 - iii. No questions will be accepted after 2:00 PM on Tuesday, June July 11, 2023 in order to allow the Architect adequate time to prepare any necessary addenda
 - c. Addenda
 - i. Addendum no 1
 06.21.23

 ii. Addendum no 2
 07.07.23

 iii. Addendum no 3 (tentative)
 07.13.23
- 5. Contracting Requirements
 - a. The Supplementary Conditions
 - i. Refer to this section for specific comments & directives
 - 1. Change order markups
 - 2. Weather delays
 - 3. Retainage
 - 4. Stored material
 - 5. Liquidated damages
 - 6. Insurance
 - b. Other Owner requirements: verify user occupancy during construction
- 6. Construction Documents
 - a. Use of Site
 - i. Complete use of site TBD
 - ii. Parking
 - iii. Lay-down area
 - b. Work Restrictions

- i. Work days
- ii. Work times
- c. Unit prices, alternates, & allowances
 - i. Unit prices: Concrete Slab, Concrete Sidewalk, Chain Link Fence, Replace Insulation
 - ii. Alternates:
 - 1. N/A
 - iii. Allowances:
 - 1. Lump sum contingency of \$200,000.00 (General)
 - 2. Lump sum contingency of \$36,800.00 (Hardware)
- d. Substitutions following award
 - i. Substitutions will be considered within 30 days of the contract award
 - ii. Burden of proof of "equal" will be on the Contractor or Vendor

7. Schedule

- a. Project Schedule
 - i. Section 013200 in Project Manual
 - ii. GC to provide CPM type schedule, regularly updated
- b. Contract Time
 - i. Contract time current defined as April 18, 2024 June 30, 2024.
- c. Liquidated Damages
 - i. \$500 each calendar day of the delay after Contract Time
- d. Other Bidder Questions
- 8. Post-Meeting Addendum
 - a. May be issued, as necessary to document the meeting questions & provide proper responses.
- 9. Other Bidder Questions
 - a. Architect will record and distribute meeting minutes to attendees and others known by the Architect's office to have received a complete set of Procurement and Contracting Documents
 - b. Minutes of meeting are issued as Available Information and do not constitute a modification to the Procurement and Contracting Documents
 - c. Modifications to the Procurement and Contracting Documents are issued by written Addendum only
- 10. Site/facility visit or walkthrough

Meeting Minutes:

1. Work on the band hall cannot be initiated until work on the multipurpose building has been completed.

- 2. The Owner needs to be informed of the substantial completion of the multipurpose building 2 weeks prior to punch in order to schedule a switch over with minimal impact.
- Students cannot leave the bandhall until, at least, the second week of December.
- 4. The Owner will then move all weight machines to the new fieldhouse and work may then begin on the band hall once the building is completely evacuated.
- 5. Any lockers that remain in the band hall are to be removed and trashed.
- 6. Rubber flooring that is removed is to be salvaged and returned to the Owner.
- 7. Any floor in the bandhall that lists sealed concrete as the finish will need all existing flooring removed and ground as necessary to achieve desired finish.
- 8. New wood lockers may sit on 2x4's with rubber base instead of the concrete ledge as drawn.
- 9. Project is no longer ESSER and the deadline has been extended accordingly.
- 10. Contractor will have full access to multipurpose site until punch and will then have full access to band hall site until punch.

End

DALE BAILEY

AN ASSOCIATION

Meeting Attendees

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

F 888.281.0547

06 July 2023

22062 Picayune Multipurpose and Bandhall / Pre-Bid

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

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SECTION 076200 - SHEET METAL FLASHING AND TRIM AND ROOF DRAINAGE ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

- 1. Formed Products:
 - a. Formed roof drainage sheet metal fabrications.
 - b. Formed equipment support flashing.
- 2. Cast Iron Downspout Boots

1.3 PERFORMANCE REQUIREMENTS

A. General: Sheet metal flashing and trim assemblies as indicated shall withstand wind loads, structural movement, thermally induced movement, and exposure to weather without failure due to defective manufacture, fabrication, installation, or other defects in construction. Completed sheet metal flashing and trim shall not rattle, leak, or loosen, and shall remain watertight.

1.4 SUBMITTALS

- A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each manufactured product and accessory.
- B. Shop Drawings: Show fabrication and installation layouts of sheet metal flashing and trim, including plans, elevations, expansion-joint locations, and keyed details. Distinguish between shop- and field-assembled work. Include the following:
 - Identification of material, thickness, weight, and finish for each item and location in Project.
 - 2. Details for forming sheet metal flashing and trim, including profiles, shapes, seams, and dimensions.
 - 3. Details for joining, supporting, and securing sheet metal flashing and trim, including layout of fasteners, cleats, clips, and other attachments. Include pattern of seams.
 - 4. Details of termination points and assemblies, including fixed points.
 - 5. Details of expansion joints and expansion-joint covers, including showing direction of expansion and contraction.
 - 6. Details of edge conditions, including eaves, ridges, valleys, rakes, crickets, and counterflashings as applicable.
 - 7. Details of special conditions.

- 8. Details of connections to adjoining work.
- 9. Detail formed flashing and trim at a scale of not less than 1-1/2 inches per 12 inches.
- C. Samples for Initial Selection: For each type of sheet metal flashing, trim, and accessory indicated with factory-applied color finishes involving color selection.
- D. Qualification Data: For qualified fabricator.
- E. Maintenance Data: For sheet metal flashing, trim, and accessories to include in maintenance manuals.
- F. Warranty: Sample of special warranty.

1.5 QUALITY ASSURANCE

- A. Fabricator Qualifications: Shop that employs skilled workers who custom fabricate sheet metal flashing and trim similar to that required for this Project and whose products have a record of successful in-service performance.
- B. Sheet Metal Flashing and Trim Standard: Comply with SMACNA's "Architectural Sheet Metal Manual" unless more stringent requirements are specified or shown on Drawings. C. Preinstallation Conference: Conduct conference at Project site.
 - 1. Meet with Owner, Architect, Owner's insurer if applicable, Installer, and installers whose work interfaces with or affects sheet metal flashing and trim including installers of roofing materials, roof accessories, unit skylights, and roof-mounted equipment.
 - 2. Review methods and procedures related to sheet metal flashing and trim.
 - 3. Examine substrate conditions for compliance with requirements, including flatness and attachment to structural members.
 - 4. Review special roof details, roof drainage, roof penetrations, equipment curbs, and condition of other construction that will affect sheet metal flashing.
 - 5. Document proceedings, including corrective measures and actions required, and furnish copy of record to each participant.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Do not store sheet metal flashing and trim materials in contact with other materials that might cause staining, denting, or other surface damage. Store sheet metal flashing and trim materials away from uncured concrete and masonry.
- B. Protect strippable protective covering on sheet metal flashing and trim from exposure to sunlight and high humidity, except to the extent necessary for the period of sheet metal flashing and trim installation.

1.7 WARRANTY

A. Special Warranty on Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace sheet metal flashing and trim that shows evidence of deterioration of factory-applied finishes within specified warranty period.

- 1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:
 - Color fading more than 5 Hunter units when tested according to ASTM D 2244.
 - b. Chalking in excess of a No. 8 rating when tested according to ASTM D 4214.
 - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
- 2. Finish Warranty Period: 20 years from date of Final Completion.

PART 2 - PRODUCTS

2.1 SHEET METALS

- A. General: Protect mechanical and other finishes on exposed surfaces from damage by applying a strippable, temporary protective film before shipping.
 - 1. Exposed Coil-Coated Finishes:
 - a. Two-Coat Fluor polymer: AAMA 620. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in color coat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
 - 2. Color: Match adjacent building.
 - 3. Concealed Finish: Pretreat with manufacturer's standard white or light-colored acrylic or polyester backer finish, consisting of prime coat and wash coat with a minimum total dry film thickness of 0.5 mil.

2.2 MISCELLANEOUS MATERIALS

- A. General: Provide materials and types of fasteners, protective coatings, separators, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation and recommended by manufacturer of primary sheet metal unless otherwise indicated.
- B. Fasteners: Wood screws, annular threaded nails, self-tapping screws, self-locking rivets and bolts, and other suitable fasteners designed to withstand design loads and recommended by manufacturer of primary sheet metal.
 - 1. General: Blind fasteners or self-drilling screws, gasketed, with hex-washer head.
 - Exposed Fasteners: Heads matching color of sheet metal using plastic caps or factory-applied coating.
 - b. Blind Fasteners: High-strength aluminum or stainless-steel rivets suitable for metal being fastened.
 - c. Spikes and Ferrules: Same material as gutter; with spike with ferrule matching internal gutter width.
- C. Sealant Tape: Pressure-sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch wide and 1/8 inch thick.

- D. Elastomeric Sealant: ASTM C 920, elastomeric polyurethane polymer sealant; low modulus; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and remain watertight.
- E. Butyl Sealant: ASTM C 1311, single-component, solvent-release butyl rubber sealant; polyisobutylene plasticized; heavy bodied for hooked-type expansion joints with limited movement.
- F. Epoxy Seam Sealer: Two-part, noncorrosive, aluminum seam-cementing compound, recommended by aluminum manufacturer for exterior nonmoving joints, including riveted joints.
- G. Bituminous Coating: Cold-applied asphalt emulsion complying with ASTM D 1187.
- H. Asphalt Roofing Cement: ASTM D 4586, asbestos free, of consistency required for application.

2.3 FABRICATION, GENERAL

- A. General: Custom fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, geometry, metal thickness, and other characteristics of item indicated. Fabricate items at the shop to the greatest extent possible.
 - 1. Fabricate sheet metal flashing and trim in thickness or weight needed to comply with performance requirements, but not less than that specified for each application and metal.
 - 2. Obtain field measurements for accurate fit before shop fabrication.
 - 3. Form sheet metal flashing and trim without excessive oil canning, buckling, and tool marks and true to line and levels indicated, with exposed edges folded back to form hems.
 - 4. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces exposed to view.
- B. Fabrication Tolerances: Fabricate sheet metal flashing and trim that is capable of installation to a tolerance of 1/4 inch in 20 feet on slope and location lines as indicated and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.
- C. Sealed Joints: Form nonexpansion but movable joints in metal to accommodate elastomeric sealant.
- D. Expansion Provisions: Where lapped expansion provisions cannot be used, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with butyl sealant concealed within joints.
- E. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal.
- F. Fabricate cleats and attachment devices of sizes as recommended by SMACNA's "Architectural Sheet Metal Manual" for application, but not less than thickness of metal being secured.
- G. Seams: Fabricate nonmoving seams with flat-lock seams. Tin edges to be seamed, form seams, and solder.
- H. Do not use graphite pencils to mark metal surfaces.
- 2.4 ROOF DRAINAGE SHEET METAL FABRICATIONS

- A. Hanging Gutters: Fabricate to cross section required, complete with end pieces, outlet tubes, and other accessories as required. Fabricate in minimum 96-inch- long sections. Furnish flatstock gutter brackets and gutter spacers and straps fabricated from same metal as gutters, of size recommended by cited sheet metal standard but with thickness not less than twice the gutter thickness. Fabricate expansion joints, expansion-joint covers, and gutter accessories from the same metal as gutters. Shop fabricate interior and exterior corners.
 - Accessories: Continuous, removable leaf screen with sheet metal frame and hardware cloth screen.
- B. Downspouts: Fabricate downspouts to dimensions indicated, complete with mitered elbows. Furnish with metal hangers from the same material as downspouts and anchors.
 - 1. Hanger Style: Manufacturer's standard.
 - 2. Fabricate from the following materials:

a. Copper: 16 oz./sq. ft.

- b. Aluminum: 0.024 inch thick.
- c. Stainless Steel: 0.016 inch thick.
- d. Galvanized Steel: 0.022 inch thick.
- e. Aluminum-Zinc Alloy-Coated Steel: 0.022 inch thick.
- 3. Provide schedule 40 PVC pipe adapter (sized for gutter and drain per drawings) at each downspout location.
- D. Downspout Boot: Prefabricated cast iron boot from Neenah Foundry.
 - 1. 32" or 42" long with offset discharge. (as needed based on site slope)
 - 2. Fastening lug slots.
 - 3. Brass cleanout.
 - 4. One coat of primer.
 - 5. 4 x 6 inlet with 6-1/4-inch diameter outlet
- E. Splash Pans: Fabricate to dimensions and shape required and from the following materials:

1. Copper: 16 oz./sq. ft.

2. Aluminum: 0.040 inch thick.

3. Stainless Steel: 0.019 inch thick.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions and other conditions affecting performance of the Work.
 - 1. Verify compliance with requirements for installation tolerances of substrates.
 - 2. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and securely anchored.

- B. For the record, prepare a written report, endorsed by Installer, listing conditions detrimental to performance of the Work.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

- A. General: Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement. Use fasteners, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.
 - 1. Install sheet metal flashing and trim true to line and levels indicated. Provide uniform, neat seams with minimum exposure of solder, welds, and sealant.
 - 2. Install sheet metal flashing and trim to fit substrates and to result in watertight performance. Verify shapes and dimensions of surfaces to be covered before fabricating sheet metal.
 - 3. Space cleats not more than 12 inches apart. Anchor each cleat with two fasteners. Bend tabs over fasteners.
 - 4. Install exposed sheet metal flashing and trim without excessive oil canning, buckling, and tool marks.
 - 5. Install sealant tape where indicated.
 - 6. Torch cutting of sheet metal flashing and trim is not permitted.
 - 7. Do not use graphite pencils to mark metal surfaces.
- B. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating or by other permanent separation as recommended by SMACNA.
 - 1. Coat back side of sheet metal flashing and trim with bituminous coating where flashing and trim will contact wood, ferrous metal, or cementitious construction.
 - Underlayment: Where installing metal flashing directly on cementitious or wood substrates, install a course of felt underlayment and cover with a slip sheet or install a course of polyethylene sheet.
- C. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet with no joints allowed within 24 inches of corner or intersection. Where lapped expansion provisions cannot be used or would not be sufficiently watertight, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with sealant concealed within joints.
- D. Fastener Sizes: Use fasteners of sizes that will penetrate wood sheathing not less than 1-1/4 inches for nails and not less than 3/4 inch for wood screws.
- E. Seal joints as shown and as required for watertight construction.
 - 1. Where sealant-filled joints are used, embed hooked flanges of joint members not less than 1 inch into sealant. Form joints to completely conceal sealant. When ambient temperature at time of installation is moderate, between 40 and 70 deg F, set joint members for 50 percent movement each way. Adjust setting proportionately for installation at higher ambient temperatures. Do not install sealant-type joints at temperatures below 40 deg F.
 - 2. Prepare joints and apply sealants to comply with requirements in Division 07 Section "Joint Sealants."

F. Rivets: Rivet joints in uncoated aluminum zinc where indicated and where necessary for strength.

3.3 ROOF DRAINAGE SYSTEM INSTALLATION

- A. General: Install sheet metal roof drainage items to produce complete roof drainage system according to SMACNA recommendations and as indicated. Coordinate installation of roof perimeter flashing with installation of roof drainage system.
- B. Downspouts: Join sections with 1-1/2-inch telescoping joints.
 - 1. Provide hangers with fasteners designed to hold downspouts securely to walls. Locate hangers at top and bottom and at approximately 60 inches o.c. in between.
 - 2. Provide elbows at base of downspout to direct water away from building.
 - 3. Connect downspouts to underground drainage system indicated.
- C. Splash Pans: Install where downspouts discharge on low-slope roofs. Set in asphalt roofing cement compatible with roofing membrane.
- D. Expansion-Joint Covers: Install expansion-joint covers at locations and of configuration indicated. Lap joints a minimum of 4 inches in direction of water flow.

3.4 ROOF FLASHING INSTALLATION

- A. General: Install sheet metal flashing and trim to comply with performance requirements, sheet metal manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, set units true to line, and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.
- B. Roof Edge Flashing: Anchor to resist uplift and outward forces according to recommendations in SMACNA's "Architectural Sheet Metal Manual" and as indicated. Interlock bottom edge of roof edge flashing with continuous cleat anchored to substrate at staggered 3-inch centers.
- C. Copings: Anchor to resist uplift and outward forces according to recommendations in SMACNA's "Architectural Sheet Metal Manual" and as indicated.
 - 1. Interlock exterior bottom edge of coping with continuous cleat anchored to substrate at 16-inch centers.
 - 2. Anchor interior leg of coping with washers and screw fasteners through slotted holes at 24-inch centers.
- D. Pipe or Post Counterflashing: Install counterflashing umbrella with close-fitting collar with top edge flared for elastomeric sealant, extending a minimum of 4 inches over base flashing. Install stainless-steel draw band and tighten.
- E. Counterflashing: Coordinate installation of counterflashing with installation of base flashing. Insert counterflashing in reglets or receivers and fit tightly to base flashing. Extend counterflashing 4 inches over base flashing. Lap counterflashing joints a minimum of 4 inches and bed with sealant. Secure in a waterproof manner by means of interlocking folded seam or blind rivets and sealant.

F. Roof-Penetration Flashing: Coordinate installation of roof-penetration flashing with installation of roofing and other items penetrating roof. Seal with elastomeric sealant and clamp flashing to pipes that penetrate roof.

3.5 MISCELLANEOUS FLASHING INSTALLATION

A. Equipment Support Flashing: Coordinate installation of equipment support flashing with installation of roofing and equipment. Weld or seal flashing with elastomeric sealant to equipment support member.

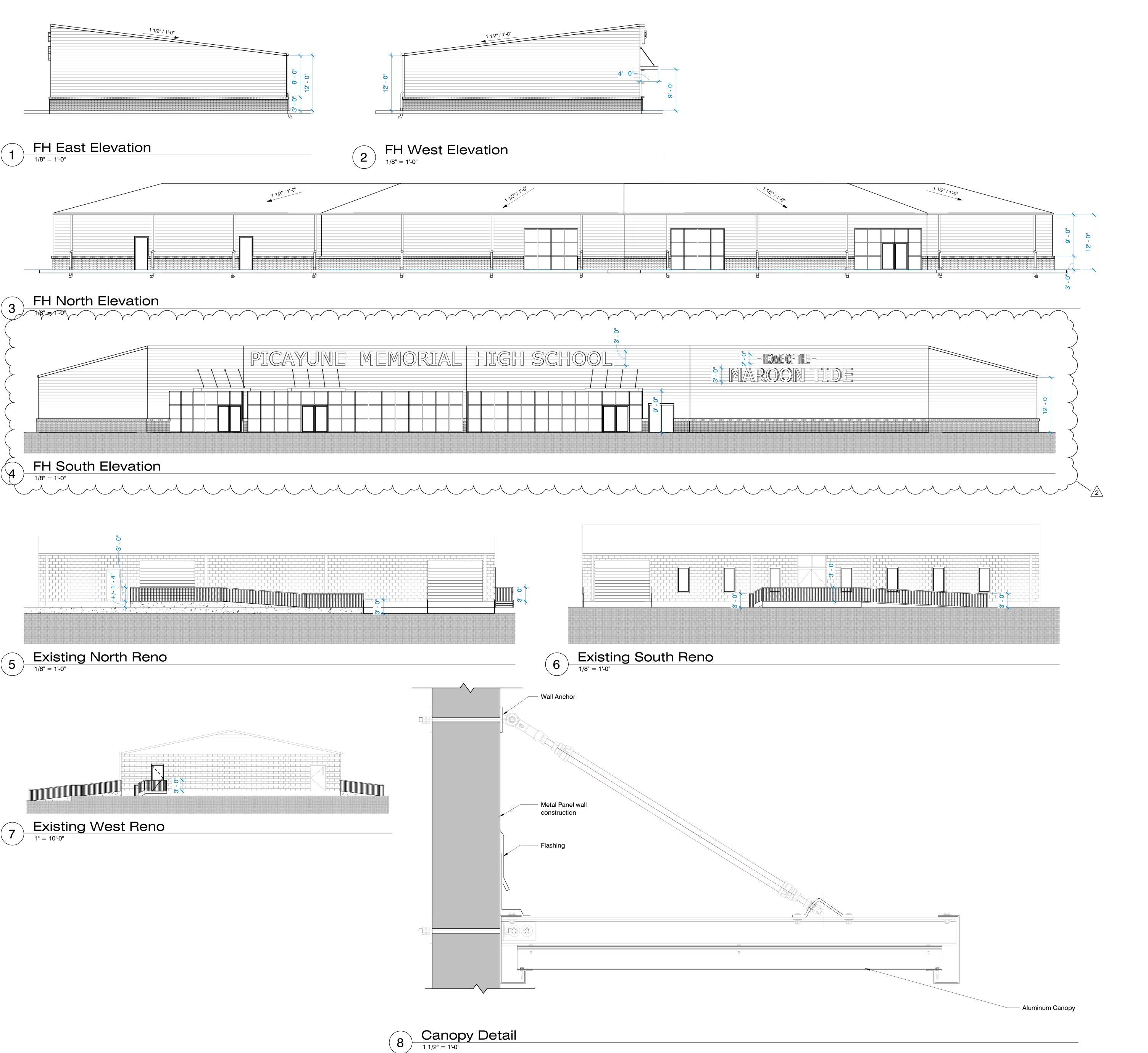
3.6 ERECTION TOLERANCES

- A. Installation Tolerances: Shim and align sheet metal flashing and trim within installed tolerance of 1/4 inch in 20 feet on slope and location lines as indicated and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.
- B. Installation Tolerances: Shim and align sheet metal flashing and trim within installed tolerances specified in MCA's "Guide Specification for Residential Metal Roofing."

3.7 CLEANING AND PROTECTION

- A. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.
- B. Clean and neutralize flux materials. Clean off excess solder.
- C. Clean off excess sealants.
- D. Remove temporary protective coverings and strippable films as sheet metal flashing and trim are installed unless otherwise indicated in manufacturer's written installation instructions. On completion of installation, remove unused materials and clean finished surfaces. Maintain in a clean condition during construction.
- E. Replace sheet metal flashing and trim that have been damaged or that have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 076200



General Elevation Notes

- 1. Masonry Veneer Expansion Joint (VEJ) are to be located to the nearest brick veneer vertical joint module.
- the nearest brick veneer vertical joint module.
 Masonry Veneer Expansion Joint (VEJ) and Contraction
 Joint Material should match grout colors as selected by
- 3. Masonry Veneer Expansion Joints (VEJ) along the edge or jamb of an opening, where the Lintel is attached to the structure, the vertical expansion joint can continue through the horizontal support.
- 4. Masonry Veneer Expansion Joints (VEJ) along the edge or jamb of an opening, where the opening is spanned with a Loose Lintel, the Lintel must be allowed to expand independently of the masonry by forming a slip plane. Comply with Brick Institute Association Expanion Joint at Loose Lintel Details
- 5. Masonry Veneer Expansion Joints (VEJ) shall not be spaced more than 25 feet apart, the sum of the distance from a corner to the adjacent vertical expansion joint should not exceed 25 feet.
- 6. Concrete Masonry Unit (CMU) Contraction Joints (CJ) are to be as required by the structural Engineering documents and located to the nearest vertical joint module.
- 7. Inidcated downspouts to grade to have cast metal boots and be connected to sub-surface drainage system to drain water away from building. See Civil for drainage pipe location, routing and sizes. Downspouts that discharge onto lower roofs, if any, to have splashblocks to protect the roofing surface.
- 8. All Downspouts that are surface discharge are to have splash blocks.
- All downspouts that intersect with canopies, additional channels & wall attachments are to be provided to create a hole for the downspout to continue through the canopy.

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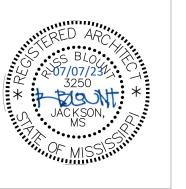
Architects

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cayune High School Mulitpurpose and Band Hall Renova
22062 Picayune Multipurpose
and Band Hall Renovation
Picayune, MS

100% CD's

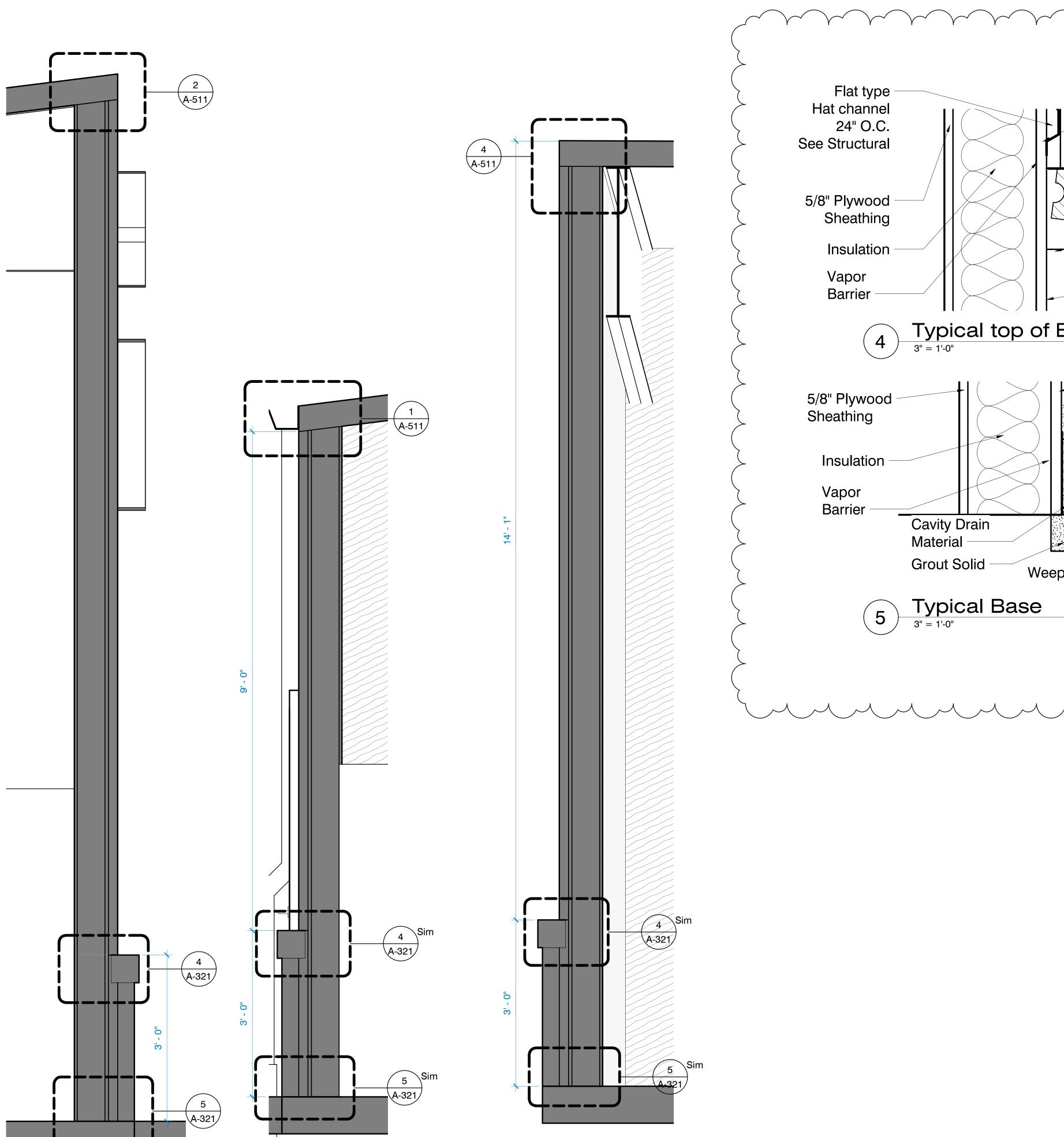
Project No 22062

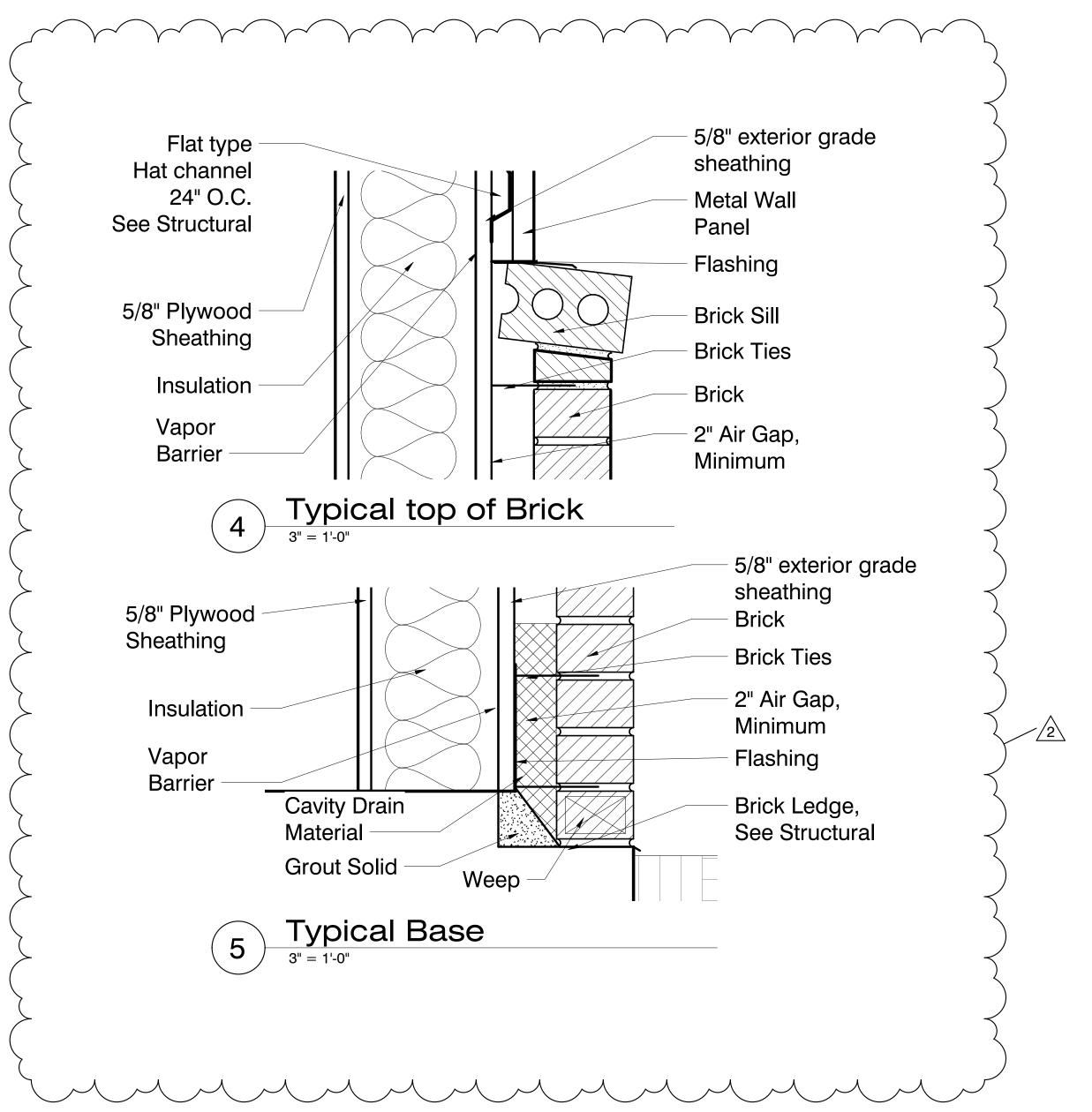
Date 14 June 2023

Revisions Rev Date 2 07.07.2023

A-201

Exterior Elevations





Wall Section 2

3 Wall Section 3

1" = 1'-0"

General Wall Section Notes

- 1. Exterior air/water barrier and thermal insulation to be installed so as to provide a continuous separation of the building exterior from all interior occupied or conditioned
- 2. Continuous air barrier to be provided at building envelope per IBC 2012 Energy Code. Air barrier joints and seams to be sealed and all joints and material transitions. Joints to be securely installed as to not dislodge, loosen or otherwise impair its ability to resist positive and negative pressure from wind or mechanical units.
- 3. Roof insulation to be R-25 unless noted otherwise. Tapered insulation is required over corridors where flat structural framing is located and should match thickness of adjacent roof insulation and increase in thickness to match adjacent
- 4. Closed cell spray foam insulation with a minimum density of 1.5 pcf and having a thickness of not less than 1.5" to be used to fill voids at material transitions at the perimeter envelope of building (roof and wall transitions)
- 5. Provide and install continuous thru-wall flashing with weeps at 24" o.c. at the first horizontal joint above grade at the full perimeter of the building. 6. Provide masonry wall ties where req. 16" O.C.
- 7. Grout solid all voids and cavities in walls below grade. Veneer masonry courses below grade may be C.M.U. or
- 8. All anchors, fasteners, relief angles and attachment devices to be hot dipped galvanized steel.
- 9. Walks adjacent to buildings to be 1" minimum below FFE. 10. Grade adjacent to building to be 6" minimum below FFE 11. Grade @ the exterior of the building @ entrance to be 1/4" maximum below FFE



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High School 22062

100% CD's

Project No	22062
Date	14 June 2023
Revisions	Rev Date
2	07.07.2023

Wall Sections and Details

EXP

EXP

Door Schedule

8/A-531

4/A-531

4/A-531

13/A-531 | 13+15/A-531 | 12/A-531

4/A-531

4/A-531

4/A-531

4/A-531

4/A-531

13/A-531 13+15/A-531 12/A-531

4/A-531

4/A-531

4/A-531

4/A-531

4/A-531

4/A-531

4/A-531

4/A-531

5+6/A-531

13+15/A-531 | 12/A-531

GL2 | 13/A-531 | 13+15/A-531 | 12/A-531

9/A-531

10/A-531

9/A-531

9/A-531

9/A-531

10/A-531

9/A-531

Fire

Rating

Sign

5

3

4

1

2

5

2

5

2

-

5

- 1

- -

- 2

- 5

Hardware Notes

Overhead Coiling Door in Existing Wall (Chain Type)

Cased opening in wall in Existing Wall

Cased opening in wall in Existing Wall

Double Door in attic to be replaced.

Aluminum Storefront Door.

Aluminum Storefront Door.

Opening for Trophy Cabinet

Aluminum Storefront Door.

Aluminum Storefront Door.

Existing Door to Remain. Paint Door and Frame

Door Sign

2500

900

0

1800

400

900

900

900

900

900

400

400

1800

900

900

1800

900

900

1800

1800

1800

2500

900

900

900

2500

900

5000

0

0

40200

Dr. Wdith

Overhead Coiling Door

Frame

1/A-531

11/A-531

11/A-531

1/A-531

2/A-531

1/A-531

1/A-531

1/A-531

2/A-531

1/A-531

2/A-531

D4

Flush

El

F2

F2

HM

HM

HM

HM

Glz

FRP to CLG ACT2

FRP to CLG ACT2

WD

НМ

2' - 8" 7' - 0"

3' - 0" 7' - 0"

3' - 0" 7' - 0"

3' - 0" 7' - 0"

Dr Width

D2

Single Narrow Lite

PAIR 3' - 8" 4' - 4"

D4

D4

Dr Width

Double Lite

PT2

PT2

SC

Door

Tot W Ht

Junior Varsity SC

2' - 8"

111

112

115

003a

005

012a

012b

020

105a

105b

107a

108a

108b

109a

111a

111b

112a

112b

113a

114

E10

E11

E12

E13

E14

E15

E16

E19

Grand total: 49

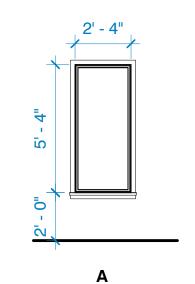
3' - 8"

5" +/-

Storefront

Door Types

	Partition Types											
ZX						Fire Protection		Acoustic				
Туре	Width	Height	Outer Substrate	Structure	Inner Substrate	Rating	Fire Batt	UL#	Sound Batt	STC	Comments	
1A	7 1/4"	то реск	5/8" Plywood	6" Metal Stud	5/8" Plywood	0 Hr						
2A	4 7/8"	To Deck	5/8" Plywood	3 5/8" Metal Stud	5/8" Plywood	0 Hr					@ Trophy case, only extends to height of case.	



AL Window Fixed

Window Types 1/4" = 1'-0"

General Door & Window Notes

- 1. Provide 2" Mini Blinds UNO. No Blinds at Corridors or Building Entrances, UNO.
- Provide 1" insulated, tinted glass in all exterior windows & storefront, UNO. Provide 1/4" tempered glass in all exterior storefront doors, UNO.

2' - 0"

Picayune Memorial High School

Multipurpose Building

Picayune

School District

Superintendent of Education

Dean Shaw

Board of Trustees

Mr. Jake Smith, Chairperson

Mr. David Mooneyhan, Vice-Chairperson

Mr. Josh Robertson, Secretary

Mr. Jerel Myers, Second Secretary

Architect

Dale | Bailey, an Association

Contractor

Building Plaque

RM. NAME

(male | female & h.c.

(male & h.c. symbol)

Type 3

(male/female toilet)

symbol)

TOILET

RM. NAME

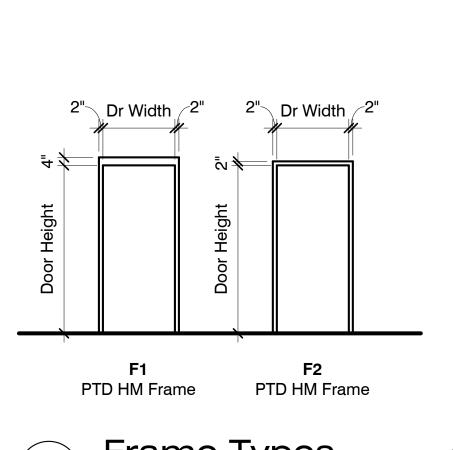
[Name of Contractor TBD]

- 3. Provide 1/4" tempered glass in all interior windows, UNO 4. Typical undercut for to be 5/8" for interior doors & 1/4" above top of threshold for exterior doors.
- 5. All wood & steel doors to be 1-3/4" thick UNO 6. Coordinate all electrical hardware requirements with electrical drawings & specifications
- Dimensions given on plans & schedules are nominal. Overhead Coiling Door in Existing Wall (Chain Type) Coordinate dimensions in the field concerning frame & rough openings prior to fabrication & construction 8. Provide rated frames at rated doors. Door frame &
 - hardware shall have the same ratings as the door hung within them. Provide label as required 9. Door handles shall be mounted at 38" AFF UNO 10. All interior doors shall have wall or floor stops to match
- Overhead Coiling Door in Existing Wall (Chain Type) door hardware finish UNO 11. Doors shall be minimally undercut to accept floor covering
 - 12. Outside of door frames shall be set 4" from adjacent wall
 - or partition UNO 13. Reference finish plans for floor finish transitions at doors 14. Align transition of flooring material changes & graphic patterns with centerline of door. Provide threshold
 - transition where applicable or as noted on floor finish 15. Exit doors hall be accessible, slope finish paving from flush with finish floor to public way not to exceed 1:20
 - 16. Provide weatherstrip at exterior & doors within partitions
 - with acoustic rating 17. Door hardware shall comply with the Americans With Disabilities Act, including but not limited to: a. Max 1/2" threshold with 1:2 slope, b. Push / pull handles or lever handles, c. Door closers meet ADA force & sweep period
 - 18. Locate all door closers on interior room side of door 19. All Glazing in 20 minute Fire Rated Doors is to be rated for
 - 20. Base bid to include cost of installation of doors, windows, and door hardware.

Abbreviations:

20 minutes.

- Aluminum GL1 1/4" tempered glass
- 1" insulated glass
- НМ Hollow metal PR
- WD Solid Core Wood Door



Frame Types

ROOM SIGN TYPES

General Finish Schedule Notes

- . Extend all flooring underneath casework.
- Provide moisture resistant ACT at all wet conditions. 3. Apply epoxy paint to CMU at all non wet wall locations in
- restrooms. See interior elevations. 4. Where new rubber base is specified in existing spaces, the
- existing rubber base is to be demoed and replaced. 5. Where new ceiling is specified in existing buildings, demo
- the existing ceiling and replace with new. 6. All Walls Adjacent to EDF's are to recieve FRP up to 6' - 0" Above FFE and Epoxy Paint Above FRP. Match Adjacent

Finish Schedule Legend

Paint Color.

Sealed Concrete, See Specifications.

Base RB-1 Resilient Base 1, See Specifications.

PT-1 Paint Color 1: See spec section 099123. Paint Color 2: See spec section 099123.

Fiberglass Reinforced Panels: See specifications.

Acoustic Ceiling Unit 1: 24" x 24" x 3/4", Standard; See spec section 095123. ACU2 Acoustic Ceiling Unit 2: 24" x 24" x 3/4", moisture resistant; See spec section 095123.

5/8 plywood sheathing. Painted to match adjacent. Exposed structure to be painted.

General Partition Notes

0 "2

(female & h.c. symbol)

(female toilet)

GIRLS

RM_NAME

message slot

message slot

RM. No.

RM_NAME

Type 6

(message slot)

[BRAILLE]

(message slots)

- 1. Refer to structural drawings for CMU bond beam, CMU Block Size, Grout, & Rebar requirements. Provide top bond beam & grout solid UNO.
- 2. Refer to symbols legend and floor plan for additional fire rated indications
- 3. Where walls are noted to extend to B.O. deck, the wall materials (gyp, stud, &/or CMU) are to extend to not greater than 1" from the B.O. structural deck. Where walls have gyp. board, the gyp. is to be cut parallel to the structural deck form, not less than 3/4". Remaining voids shall be filled with compressible sound attenuation & backer rod & sealant at non-rated assemblies & sealed smoke-tight with backer rod & fire-stopping sealant at fire or smoke-rated assemblies
- 4. Control joints and expansion joints in fire or smoke-rated partitions shall be constructed to maintain the fire rating of the partition using continuous firestopping material within the joint. Control joints and expansion joints in unrated partitions shall be constructed to resist sound transmission using fire-resistant sound attenuation blanket material within the joint
- 5. At un-rated partitions, the partition construction shall be identical to the construction of the fire-rated partition. except that acoustical sealant shall be used in lieu of firestopping
- 6. Partition type reference indicated on the floor plans do not included the applied finishes. Refer to room finish schedule, room finish notes, and interior details for applied finishes.
- Where items are recessed in the walls of fire-rated partitions, provide additional gyp. wallboard, fireproofing, and/or firestopping around the recessed portion of the item in thickness and construction as required to maintain the fire rating of the partition.
- 8. At all locations where fire-rated partitions abut or attach to fireproofed structural members, the fire rating of both the structural members and the partition shall be
- 9. In addition to any other partition requirements, all joints in the gypsum wallboard surfaces shall be taped, floated, and painted, including fire-rated partitions, un-rated partitions, exposed surfaces, concealed surfaces, and surfaces above the ceiling. 10. All metal stud walls in toilets, laundry, kitchen, or other
- wet areas to receive moisture resistant gyp. board. Tile backer board to be used on all walls scheduled to receive tile finishes.
- 11. Contractor to seal all penetrations in non-rated walls with maintain that wall's STC rating
- 12. All exposed interior CMU corners and edges shall be bullnosed, except @ the Lowest Bottom CMU Course

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14 June 2023 Rev Date

07.07.2023

A-611

Schedules