

ADDENDUM NO. 3

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

Replace Roof, Hospital Building
Confederate Memorial State Historic Site
Higginsville, Missouri PROJECT NO.: X2405-01

Bid Opening Date: 1:30 PM, Thursday, November 18, 2025

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 004113 – BID FORM

USE THE BID FORM INCLUDED WITH THIS ADDENUM FOR SUBMITTING BID. Be sure to use the BID FORM labeled Addendum #3 in the header.

The BID FORM changes the ALLOWANCES Section to include Lump Sum and Bad Weather Days.

2. Section 012100 - Allowances

a. ADD Paragraph 1.2-B.2

2. Lump sum allowance

b. ADD Paragraph 1.4 LUMP SUM ALLOWANCE as follows:

1.4 LUMP SUM ALLOWANCE

- A. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials selected by Designer under allowance shall be included as part of the Contract Sum and not part of the allowance.
- B. The base bid shall assume that there is existing wood blocking in the brick wall behind the existing trim that can be used to anchor the new trim with standard wood anchors compatible with, and approved by, the trim manufacturer. The base bid shall include the replacement of 10% of the wood blocking that may be deteriorated due to environmental conditions.
- C. If the wood blocking is deteriorated beyond 10%, or if it does not exist, the trim will need to be attached directly to brick. The actual fastener type must respond to the nature of the brick in the area of installation. Sleeve anchors, in properly sized holes, may be used if the brick is strong enough not to fracture. Phillips head self-tapping masonry or concrete screws (Tapcons or similar), in properly sized holes, may be used if the brick is soft enough to allow the screw to cut a thread but hard enough not to strip out. If the brick is too soft for either method, then adhesive (epoxy) set anchors will need to be used. One or more of these three means of anchorage shall be included in the allowance. All fasteners must be hidden from view when complete.

c. ADD Paragraph 3.1.B as follows:

- B. Lump sum masonry anchor allowance: Include \$3,000.00 for the installation of

special anchors to attach new trim directly to existing brick in lieu of wood anchors. Reference new Drawing detail 4/A521.

3. Section 073110 – Exterior Synthetic Shingles

a. REMOVE and REPLACE Paragraph 2.3.A as follows:

A. Waterproof Sheet Membrane: Cold applied, self-adhering waterproof membrane composed of polyethylene film coated one side with rubberized asphalt adhesive meeting ASTM E108 Class A rating:

1. Eco Chief Solarhide
2. Grace Ice & Water Shield HT
3. Owens Corning Titanium FR

4. Section 076200 – Sheet Metal Flashing and Trim

a. REPLACE specification section in its entirety

5. Section 077123 – Manufactured Gutters and Downspouts

a. REPLACE specification section in its entirety

DRAWINGS CHANGES:

1. SHEET A521

- a. REVISE Detail 3/A521 to add insulation screen between rafters to retain existing insulation.
- b. REVISE Detail 3/A521 to identify material finish colors for pre-finished metal and painted trim.
- c. REVISE Detail 4/A521 to show existing wood blocking in masonry behind new trim with new note regarding 10% replacement and new note regarding Allowance for alternative anchors into brick.
- d. REVISE Finish and Materials Legend to change Paint Color P-1 to match new prefinished metal components PM-1.
- e. ADD to Finish and Materials Legend color of prefinished metal component PM-1 to match existing white trim chosen from manufacturers standard color range.
- f. ADD to Finish and Materials Legend color of prefinished metal component PM-2 to match existing face brick chosen from manufacturers standard color range.
- g. REVISE Detail 2/A521 to identify fasteners for downspout and mortar repair.

2. SHEET A104

- a. REVISE plan detail 4/A104 to indicate reinstallation of existing light fixtures.
- b. REVISE plan detail 5/A104 to indicate retention of existing integral gutter with roofing replacement.
- c. REVISE plan detail 2/A104 to indicate adjustment of chimney wind brace and addition of flashing at roof penetration.
- d. REVISE plan detail 2/A104 to indicate color of new flashing at chimney, PM-2.
- e. REVISE plan detail 1/A104 to indicate color of painted soffit and trim, P-1.
- f. REVISE plan detail 1/A104 to indicate color of prefinished gutter and downspouts, PM-1.
- g. REVISE plan detail 3/A104 to indicate color of painted soffit and trim, P-1.
- h. REVISE plan detail 3/A104 to indicate color of prefinished gutter and downspouts, PM-1.

ATTACHMENTS:

1. Bid Form
2. Specification Section 076200
3. Specification Section 077123
4. Sheet A104
5. Sheet A521

November 12, 2025

END ADDENDUM NO. 3

All bid documents shall be emailed to FMDCBids@oa.mo.gov

SECTION 004113 - BID FORM

REVISED PER ADDENDUM #3

1.0 BID

A. From: _____
(Bidder's Company Name)

☐ Sole Proprietorship/General Partnership ☐ LLC ☐ Limited Partnership ☐ Corporation ☐ Joint Venture

Address: _____

City, State, Zip _____

Phone: _____ Email: : _____

Federal ID Number: _____ Missouri Business Charter Number: _____

Contact Name: _____ Contact email: _____

herein after called the "**Bidder**".

B. To: Director, Division of Facilities Management, Design and Construction
Room 730, Harry S Truman State Office Building
301 West High Street
Jefferson City, Missouri 65101

herein after called the "**Owner**."

C. For: Replace Roof, Hospital Building
Confederate Memorial State Historic Site
Higginsville, Missouri

D. Project Number: X2405-01
hereinafter called the "**Work**."

E. Documents: The undersigned, having examined and being familiar with the local conditions affecting the work and with the complete set of contract documents, including the Drawings, the Invitation For Bid, Instructions To Bidders, Statement of Bidders Qualifications, General Conditions, Supplement to General Conditions, and the technical specifications, including: addenda number _____ through _____ hereby proposes to perform the Work for the following:

F. Bid Amount: _____
_____ Dollars (\$ _____)

G. Allowances: The Base Bid above must include a lump sum masonry anchor allowance of \$3,000.00 and bad weather days. See Section 012100 ALLOWANCES for details.

H. Alternates: Alternate No. 1: Add the removal and replacement of the asphalt roofing membrane on the entry porch roof with a new underlayment (over sheathing) and EPDM single-ply membrane.

_____ Dollars (\$ _____)

2.0 MBE/WBE/SDVE PERCENTAGE OF PARTICIPATION PROJECT GOALS

- A. This project's specific goals are: **MBE 0%, WBE 0%, and SDVE 3%**. NOTE: Only MBE/WBE firms certified by the State of Missouri Office of Equal Opportunity, and SDVE(s) meeting the requirements of Section 34.074, RSMo, and 1 CSR 30-5.010, as of the date of bid opening can be used to satisfy the MBE/WBE/SDVE participation goals for this project.

3.0 BID BOND

- A. Accompanying the bid is: ___ 5% Bid Bond or ___ Cashier's Check/Bank Draft for 5% of base bid that is payable without condition to the Division of Facilities Management, Design and Construction, State of Missouri, as per Article 5 of "Instructions To Bidders".

4.0 CONTRACT COMPLETION TIME AND LIQUIDATED DAMAGES

- A. The Bidder agrees to complete the work within **100 working days** from the date the Notice of Intent to Award is issued as modified by additional days added by the Owner's acceptance of alternates, if applicable. This includes ten (10) working days for document mailing and processing. The Bidder further agrees to pay to, or allow the State as liquidated damages the sum of \$500 for each working day thereafter that the entire work is not substantially complete.

5.0 ATTACHMENTS TO BID

004322	Unit Prices Form
004336	Proposed Subcontractors
004337	MBE/WBE/SDVE Compliance Form
004338	MBE/WBE/SDVE Joint Venture Form
004339	MBE/WBE/SDVE Waiver Form
004340	SDVE Business Form
004541	Affidavit of Work Authorization
004545	Anti-Discrimination Against Israel Act Certification form

6.0 BIDDER'S CERTIFICATIONS

By signing and submitting this bid form, the Bidder certifies as follows:

A. No Undisclosed Interests or Associations, Collusion, or Solicitation of Other Bidders

1. This bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm, or corporation, and is not submitted in conformity with any agreement or rules of any group, association or corporation.
2. The Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham proposal.
3. The Bidder has not solicited or induced any person, firm or corporation to refrain from submitting a bid.
4. The Bidder has not sought by collusion or otherwise to obtain any advantage over any other bidder or over the Owner.

B. Accuracy of Contract Documents

The Bidder has based this bid upon an official/complete set of contract documents, either obtained from the Owner or from a secondary source known to the Bidder to have provided a complete and accurate set of contract documents. If the Bidder received the contract documents from such a secondary source, any errors or omissions in the contract documents shall be interpreted and construed in favor of the Owner and against the Bidder. This bid is based upon the conditions within Article 1.2 of the General Conditions.

C. Non-Discrimination

The Bidder will not discriminate against any employee or applicant for employment because of race, creed, color or national origin in the performance of the Work.

D. Prevailing Wage

MISSOURI PREVAILING WAGE LAW (Sections 290.210 to 290.340, RSMo): The Contractor shall pay not less than the specified hourly rate of wages, as set out in the wage order attached to and made part of the specifications for work under this contract, to all workers performing work under the contract, in accordance with sections 290.210 to 290.340, RSMo. The Contractor shall forfeit a penalty to the Owner of one hundred dollars per day (or portion of a day) for each worker that is paid less than the specified rates for any work done under the contract by the Contractor or by any subcontractor, in accordance with section 290.250, RSMo.

DAVIS-BACON ACT: If this Project is financed in whole or in part from Federal funds (as indicated in the Instructions to Bidders or other bid or contract documents for this Project), then this contract shall be subject to all applicable federal labor statutes, rules and regulations, including provisions of the Davis-Bacon Act, 40 U.S.C. §3141 et seq., and the “Federal Labor Standards Provisions,” as further set forth in Section 007333 – Supplementary General Conditions for Federally Funded/Assisted Construction Projects, which is incorporated into the contract by reference. Where the Missouri Prevailing Wage Law and the Davis-Bacon Act require payment of different wages for work performed under this contract, the Contractor and all Subcontractors shall pay the greater of the wages required under either law, on a classification-by-classification basis.

E. Transient Employers

The Bidder will comply with the provisions of Sections 285.230-234, RSMo, regarding transient employers.

F. Federal Work Authorization Program

The Bidder has enrolled and is participating in, and will continue to participate in, a federal work authorization program in accordance with Sections 285.525 and 285.530, RSMo for the duration of any contract awarded because of this bid.

G. Illegal Immigration Reform and Immigrant Responsibility Act (IIRIRA)

1. If awarded contract for this project, the Bidder/Contractor shall only utilize personnel authorized to work in the United States in accordance with applicable federal, state and local laws. This includes, but is not limited to, the Illegal Immigration Reform and Immigrant Responsibility Act (IIRIRA) and INA Section 274A.
2. If found to be in violation of this requirement or any applicable laws, and if the State of Missouri has reasonable cause to believe that the Contractor has knowingly employed individuals who are not eligible to work in the United States, the state shall have the right to cancel the contract immediately without penalty or recourse and suspend or debar the contractor from doing business with the state.
3. The Contractor agrees to cooperate fully with any audit or investigation from federal, state or local law enforcement agencies.

H. Anti-Discrimination Against Israel Act

1. If the awarded Contractor meets the definition of a company as defined in section 34.600, RSMo, and has ten or more employees, the Contractor shall not engage in a boycott of goods or services from the State of Israel; from companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or from persons or entities doing business in the State of Israel as defined in section 34.600, RSMo.
2. If, at any time during the life of the contract, Contractor meets the definition of a company as defined in section 34.600, RSMo, and the company’s employees increases to ten or more OR the contractor’s business status changes to become a company as defined in section 34.600, RSMo, and the company has ten or more employees, then the Contractor shall submit to the Division of Facilities Management, Design and Construction a completed Box C of the exhibit titled “Anti-Discrimination Against Israel Act Certification, and shall comply with the requirements of Box C.

7.0 SIGNATURES

FOR SOLE PROPRIETORSHIPS/GENERAL PARTNERSHIPS ONLY

Sole Proprietor's Name (printed)

Name each general partner: _____

Today's Date: _____

I, _____, being the sole proprietor/general partner of (name of business)

(and if the name of said business is other than my legal name, having filed a
Registration of Fictitious Name with the Missouri Secretary of State in order to allow me to use such name in
connection with my business, as provided by Section 417.200, RSMo, et seq.), do hereby submit this bid and agree to be
bound unto the State of Missouri as herein provided (if a general partnership, all partners must sign below).

Signature: _____ Signature: _____
Signature: _____ Signature: _____

FOR LIMITED LIABILITY COMPANIES ONLY

Manager's (or Managing Member's) Name (printed)

today's date _____ State(s) of organization: _____

I, _____, being the Manager (or Managing Member) of (full legal name of limited
liability company from Articles of Organization) _____, and being duly
authorized to act as herein provided on behalf of said limited liability company, do hereby submit this bid on behalf of
said limited liability company and agree that said limited liability company shall be bound unto the State of Missouri as
herein provided.

Signature: _____

**FOR LIMITED PARTNERSHIPS/LIMITED LIABILITY PARTNERSHIPS/LIMITED LIABILITY LIMITED
PARTNERSHIPS ONLY**

General/Managing Partner's Name (printed)

today's date: _____ State(s) of organization: _____

I, _____, being the General Partner/Managing Partner of (full legal name of limited
partnership/limited liability partnership/limited liability limited partnership from partnership agreement or Certificate of
Limited Partnership) _____, and being duly authorized to act as herein provided on
behalf of said limited partnership/limited liability partnership/limited liability limited partnership, do hereby submit this
bid on behalf of said limited partnership/limited liability partnership/limited liability limited partnership and agree that
said limited partnership/limited liability partnership/limited liability limited partnership shall be bound unto the State of
Missouri as herein provided.

Signature: _____

FOR CORPORATIONS ONLY

President's Name (printed)

Secretary's Name (printed)

Today's date

State(s) of incorporation: _____

I, _____, being the (officer or title) _____ of (full legal name of corporation, from Articles of Incorporation) _____, and being duly authorized by the Board of Directors of said corporation to act as herein provided on behalf of said corporation, do hereby submit this bid on behalf of said corporation and agree that said corporation shall be bound unto the State of Missouri as herein provided.

Signature: _____
President

Attested by: _____
Corporate Secretary

The President should sign as the bidder. If the signator is other than the corporate president, the bidder must provide satisfactory evidence that the signator has the legal authority to bind the corporation.

FOR ASSOCIATIONS/JOINT VENTURES

If multiple business entities/individuals are bidding collectively as an association or joint venture, each business entity/individual bidding as part of the association or joint venture shall sign this bid in the above sections relevant to the form that such business entity or individual does business, and the bidder shall duplicate the necessary number of signature pages so that all members of the association or joint venture shall sign this bid. If a name is adopted for use by the association or joint venture, the association or joint venture shall file a Registration of Fictitious Name with the Missouri Secretary of State in order to use such name in connection with the association or joint venture, as provided by Section 417.200, RSMo, *et seq.*

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SECTION 076200 SHEET METAL FLASHING AND TRIM

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fabricated sheet metal items, including flashings, counter flashings, edge flashings, step flashings and other sheet metal items as indicated.
- B. Sealants for joints within sheet metal fabrications.
- C. Precast concrete splash pads.

1.02 RELATED REQUIREMENTS

- A. Section 077123 - Manufactured Gutters and Downspouts.

1.03 REFERENCE STANDARDS

- A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix); 2022.
- B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.
- C. ASTM A755/A755M - Standard Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products; 2018.
- D. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2018 (Reapproved 2024).
- E. ASTM D226/D226M - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing; 2017 (Reapproved 2023).
- F. ASTM D2178/D2178M - Standard Specification for Asphalt Glass Felt Used in Roofing and Waterproofing; 2015a (Reapproved 2021).
- G. ASTM D4479/D4479M - Standard Specification for Asphalt Roof Coatings - Asbestos-Free; 2007 (Reapproved 2024).
- H. ASTM D4586/D4586M - Standard Specification for Asphalt Roof Cement, Asbestos-Free; 2007 (Reapproved 2018).
- I. CDA A4050 - Copper in Architecture - Handbook; Current Edition.
- J. SMACNA (ASMM) - Architectural Sheet Metal Manual; 2012.

1.04 SUBMITTALS

- A. See Section 013300 - Submittals for submittal procedures.
- B. Shop Drawings: Indicate material profile, jointing pattern, jointing details, fastening methods, flashings, terminations, and installation details.

1.05 QUALITY ASSURANCE

- A. Perform work in accordance with SMACNA (ASMM) and CDA A4050 requirements and standard details, except as otherwise indicated.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Stack material to prevent twisting, bending, and abrasion, and to provide ventilation. Slope metal sheets to ensure drainage.
- B. Prevent contact with materials that could cause discoloration or staining.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Sheet Metal Flashing and Trim:
 - 1. Hickman Edge Systems: www.hickmanedgesystems.com/#sle.

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2. Dimensional Metals, Inc. (DMI): www.dmimetals.com
3. K&M Sheet Metal: www.kmsheetmetal.com
4. Substitutions: See Section 016000 - Product Requirements.

2.02 SHEET MATERIALS

- A. Galvanized Steel: ASTM A653/A653M, with G90/Z275 zinc coating; minimum 24-gauge, 0.0239-inch (0.61 mm) thick base metal.

2.03 PREPAINTED, METALLIC-COATED STEEL SHEETS

- A. Description: Factory-applied coatings applied to metallic-coated steel sheet substrates prior to fabrication by coil coating; topcoat systems consist of primers and organic topcoats on exposed, top side of sheet; washcoats on bottom, unexposed sheet side.
- B. Comply with ASTM A755/A755M.
- C. Metallic-Coated Steel Sheet Substrates:
 1. Zinc-Coated, Galvanized, Steel Sheets: Commercial steel sheets, galvanized by hot-dip process; comply with ASTM A653/A653M; coating designation G90 (Z275), minimum
- D. Substrate Preparation for Prefinishing: Clean and prepare substrate surfaces in accordance with coating manufacturer's recommendations for substrate type and application.
- E. Washcoats or Backercoats: Provide washcoats or backercoats in accordance with organic coating manufacturer's recommendations.
- F. Primer Coats: Provide basecoat primers in accordance with coating manufacturer's recommendations for substrate type, topcoat, and application.
- G. Finish: Shop pre-coated with PVDF (polyvinylidene fluoride) coating. 70% Full Strength PVDF Paint Finish in accordance with AAMA 2605.
- H. Application: Cleats, Flashing, Counterflashing, Drip Fascia, and Edge Trim.
 1. Drawing Detail: As indicated on drawings.
 2. Base Metal Thickness: 24 gauge, 0.024 inch (0.61 mm), minimum.
 3. Coating System: Superior-performance organic coating system.
 4. Color: As indicated on drawings.
- I. Application: Chimney flashing.
 1. Drawing Detail: SMACNA (ASMM), 4-18 including cricket.
 2. Base Metal Thickness: 24 gauge, 0.024 inch (0.61 mm), minimum
 3. Coating System: Superior-performance organic coating system.
 4. Color: As indicated on drawings.

2.04 FABRICATION

- A. Form sections true to shape, accurate in size, square, and free from distortion or defects.
- B. Fabricate cleats of same material as sheet, interlocking with sheet.
- C. Form pieces in longest possible lengths.
- D. Hem exposed edges on underside 1/2 inch (13 mm); miter and seam corners.
- E. Form material with flat lock seams, except where otherwise indicated; at moving joints, use sealed lapped, bayonet-type or interlocking hooked seams.
- F. Fabricate corners from one piece with minimum 18-inch (450 mm) long legs; seam for rigidity, seal with sealant.
- G. Fabricate vertical faces with bottom edge formed outward 1/4 inch (6 mm) and hemmed to form drip.

2.05 GUTTERS AND DOWNSPOUTS

- A. See Section 077123 for manufactured gutters and downspouts.
- B. Splash Pads: Precast concrete type, of size and profiles indicated; minimum 3,000 psi (21 MPa) at 28 days, with minimum 5 percent air entrainment.

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2.06 ACCESSORIES

- A. Fasteners: Galvanized steel, with soft neoprene washers.
- B. Primer Type: Zinc chromate.
- C. Concealed Sealants: Non-curing butyl sealant.
- D. Exposed Sealants: ASTM C920; elastomeric sealant, with minimum movement capability as recommended by manufacturer for substrates to be sealed; color to match adjacent material.
- E. Asphalt Roof Cement: ASTM D4586/D4586M, Type I, asbestos-free.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify roof openings, curbs, pipes, sleeves, ducts, and vents through roof are solidly set, reglets in place, and nailing strips located.
- B. Verify roofing termination and base flashings are in place, sealed, and secure.

3.02 PREPARATION

- A. Install starter and edge strips, and cleats before starting installation.
- B. Back paint concealed metal surfaces with protective backing paint to a minimum dry film thickness of 15 mil, 0.015 inch (0.38 mm).

3.03 INSTALLATION

- A. Secure flashings in place using concealed fasteners, and use exposed fasteners only where permitted.
- B. Apply plastic cement compound between metal flashings and felt flashings.
- C. Fit flashings tight in place; make corners square, surfaces true and straight in planes, and lines accurate to profiles.
- D. Secure gutters and downspouts in place with concealed fasteners.
- E. Set splash pads under downspouts.

END OF SECTION

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SECTION 077123 MANUFACTURED GUTTERS AND DOWNSPOUTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Pre-finished galvanized steel gutters and downspouts.
- B. Precast concrete splash pads.

1.02 REFERENCE STANDARDS

- A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix); 2022.
- B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.
- C. SMACNA (ASMM) - Architectural Sheet Metal Manual; 2012.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Comply with SMACNA (ASMM) for sizing components for rainfall intensity determined by a storm occurrence of 1 in 5 years.

1.04 SUBMITTALS

- A. See Section 013300 - Submittals for submittal procedures.
- B. Product Data: Provide data on prefabricated components.
- C. Shop Drawings: Indicate locations, configurations, jointing methods, fastening methods, locations, and installation details.
- D. Samples: Submit two samples, 12 inches long, illustrating component design, finish, color, and configuration.
- E. 10-Year, 90 MPH Wind Warranty

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Stack material to prevent twisting, bending, or abrasion, and to provide ventilation. Slope to drain.
- B. Prevent contact with materials that could cause discoloration, staining, or damage.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Gutters and Downspouts:
 - 1. Hickman Edge Systems; Half Round Gutter: www.hickmanedgesystems.com/#sle.
 - 2. Dimensional Metals, Inc. (DMI); Water Control, Half Round Gutter; www.dmimetals.com
 - 3. K&M Sheet Metal Half Round Gutter: www.kmsheetmetal.com
 - 4. Substitutions: See Section 016000 - Product Requirements.

2.02 MATERIALS

- A. Pre-Finished Galvanized Steel Sheet: ASTM A653/A653M, with G90/Z275 zinc coating; minimum 0.02 inch (0.6 mm) thick base metal.
 - 1. Finish: Shop pre-coated with PVDF (polyvinylidene fluoride) coating. 70% Full Strength PVDF Paint Finish in accordance with AAMA 2605.
 - 2. Color: As selected by Architect from manufacturer's standard colors.

2.03 COMPONENTS

- A. Gutters: SMACNA semi-circular style profile. 8 inch diameter.
- B. Downspouts: SMACNA round profile. 4 inch diameter.
- C. Anchors and Supports: Profiled to suit gutters and downspouts.

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1. Gutter Supports: Roof mounted Brackets or Straps.
2. Downspout Supports: Wall anchored Brackets or Straps.

2.04 FABRICATION

- A. Form gutters and downspouts of profiles and size indicated.
- B. Fabricate with required connection pieces. Splice plate design. Prefabricated corners.
- C. Form sections round, true, and accurate in size, in maximum possible lengths, free of distortion or defects detrimental to appearance or performance. Allow for expansion at joints.
- D. Hem exposed edges of metal.
- E. Fabricate gutter and downspout accessories; seal watertight.

2.05 FINISHES

- A. Fluoropolymer Coating: Superior Performance Organic Finish, AAMA 2605, multiple coat, thermally cured fluoropolymer finish system; color as indicated.

2.06 ACCESSORIES

- A. Splash Pads: Precast concrete type, profiles size(s) as indicated; minimum 3,000 psi (21 MPa) compressive strength at 28 days, with minimum 5 percent air entrainment.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces are ready to receive work.

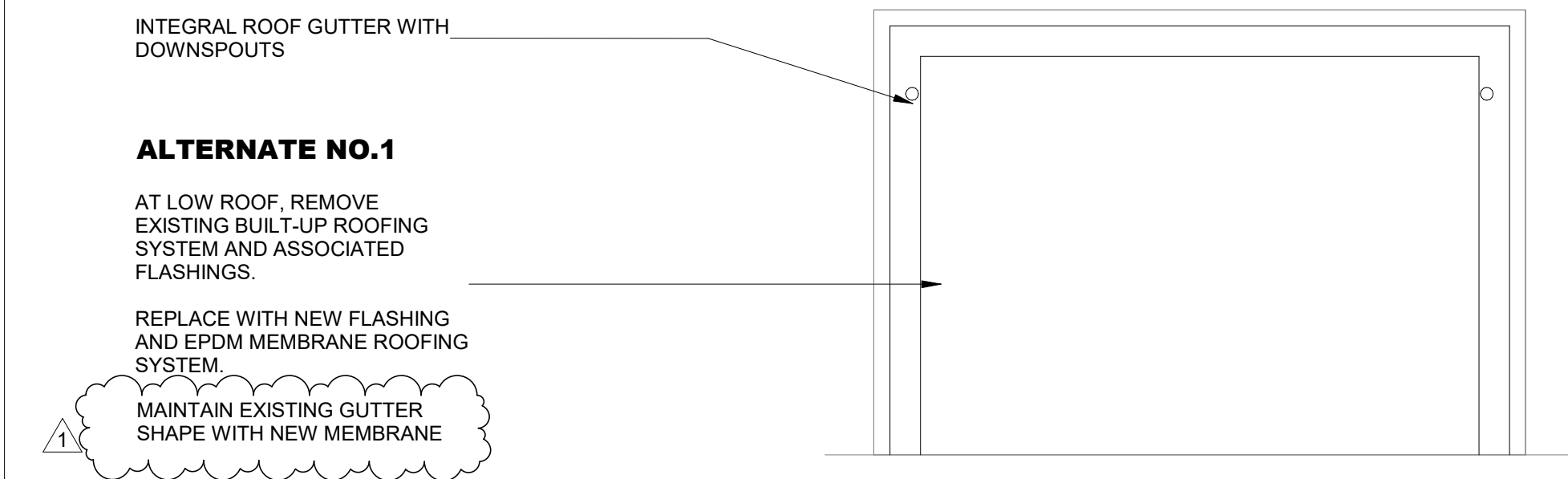
3.02 PREPARATION

- A. Paint concealed sheet metal surfaces and surfaces in contact with dissimilar metals with protective backing paint to a minimum dry film thickness of 15 mil, 0.015 inch (0.381 mm).

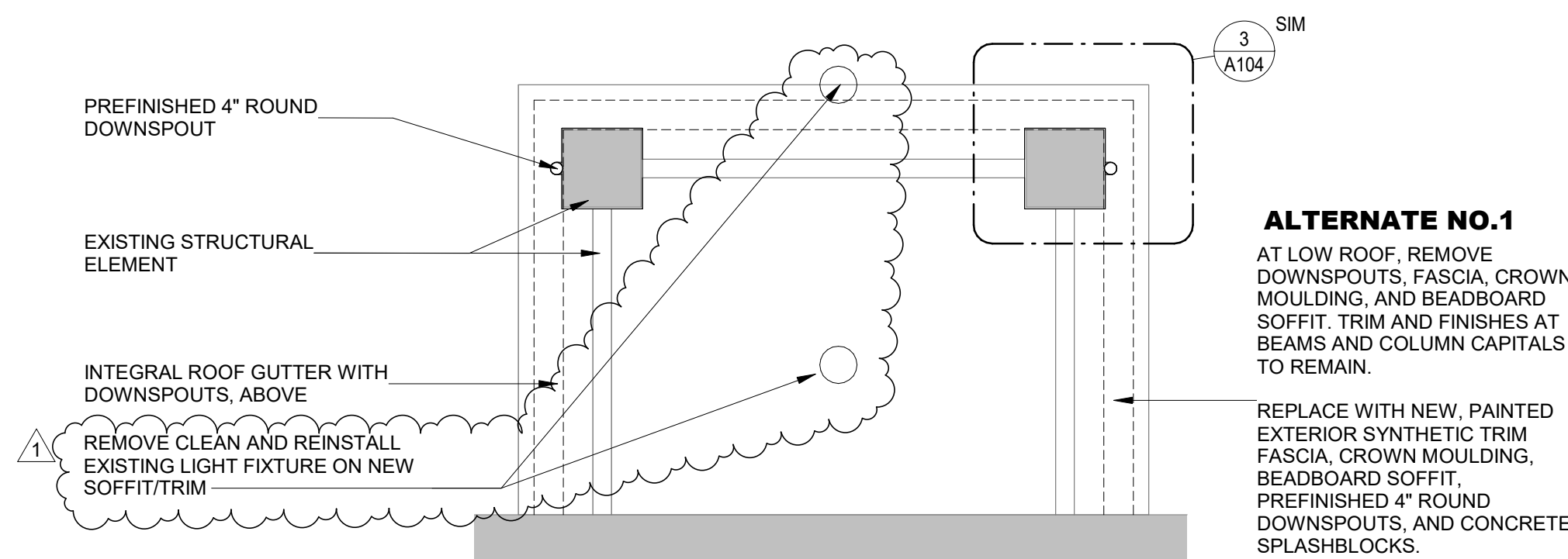
3.03 INSTALLATION

- A. Install gutters, downspouts, and accessories in accordance with manufacturer's instructions.
- B. Sheet Metal: Join lengths with formed seams sealed watertight. Flash and seal gutters to downspouts and accessories.

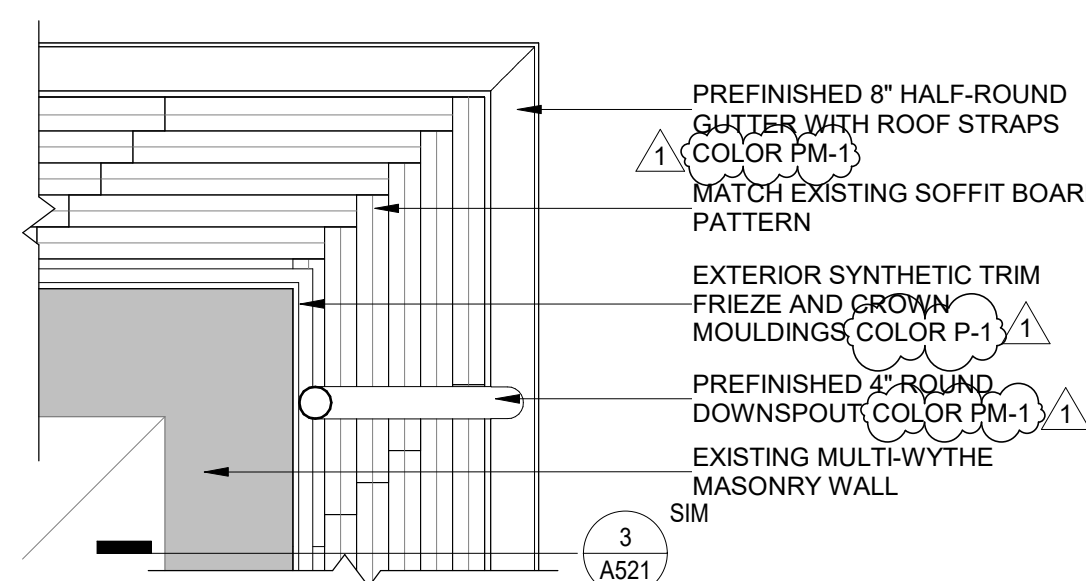
END OF SECTION



5 ENLARGED ROOF PLAN AT LOWER ROOF- ALTERNATE NO. 1
A104/ 1/4" = 1'-0"



4 ENLARGED REFLECTED SOFFIT PLAN AT LOWER ROOF - ALTERNATE NO.1
A104/ 1/4" = 1'-0"



3 REFLECTED SOFFIT DETAIL - SOFFIT LAYOUT
A104/ 1/2" = 1'-0"

DEMOLITION NOTES

REMOVE EXISTING ASPHALT SHINGLE ROOFING AND UNDERLAYMENT.

REMOVE PERIMETER METAL EAVE FLASHINGS

REMOVE ONLY AS REQUIRED DETERIORATED WOOD SHEATHING

ABATE ASPHALTIC MASTIC AND REMOVE PLUMBING VENT FLASHINGS (FOUR LOCATIONS)

ABATE ASPHALTIC MASTIC AND CAREFULLY REMOVE (OR CUT BACK) LEAD STEP FLASHING AT CHIMNEY. RETAIN CHIMNEY WIND BRACE AND MAINTAIN STRUCTURAL INTEGRITY OF CHIMNEY DURING CONSTRUCTION.

NEW CONSTRUCTION NOTES

NOTE: NEW ROOFING SYSTEM SHOULD NOT EXCEED 3.5 PSF

NEW COMPOSITE SLATE ROOFING SYSTEM AND UNDERLAYMENT.

REPLACE DEMO'D WOOD SHEATHING WITH MATCHING NEW MATERIAL AS REQUIRED

NEW PLUMBING VENT FLASHING (FOUR LOCATIONS)

CONTINUOUS RIDGE VENT PER COMPOSITE SLATE ROOFING SYSTEM MANUFACTURE'S RECOMMENDATION

ADJUST LOCATION OF ROOF WIND BRACE ROOF ATTACHMENT OFF ROOF RIDGE. REINSTALL WITH PIPE FLASHING

NEW STEPPED METAL FLASHING AND METAL CRICKET AT EXISTING CHIMNEY. INSTALL MIN. ONE COURSE ABOVE REMOVED (OR CUT BACK) EXISTING FLASHING. INSTALL PER SMACNA FIGURE 4-18 CHIMNEY FLASHING FLASHING COLOR PM-2

DEMOLITION NOTES

NOTE: PAINTED MATERIALS CONTAIN LEAD. REMOVE AND DISPOSE OF AS REQUIRED.

REMOVE ALL EXISTING METAL FLASHINGS, GUTTERS, DOWNSPOUTS AND ASSOCIATED BRACKETS AT THE UPPER EAVE

REMOVE ALL EXISTING WOOD FASCIA, FRIEZE, MOULDINGS AND BEADBOARD SOFFIT AT THE UPPER EAVE

REMOVE ONLY AS REQUIRED DETERIORATED WOOD RAFTER TAILS AND SOFFIT FRAMING

NEW CONSTRUCTION NOTES

NEW PAINTED EXTERIOR SYNTHETIC TRIM BEADBOARD SOFFIT AND CROWN MOULDING COLOR P-1

NEW PAINTED EXTERIOR SYNTHETIC TRIM FASCIA AND FRIEZE COLOR P-1

4" DIA. ALUMINUM SOFFIT VENTS AT 8' O.C. PAINT TO MATCH SOFFIT COLOR P-1

REPLACE DEMO'D WOOD RAFTER TAILS AND SOFFIT FRAMING WITH MATCHING NEW MATERIAL AS REQUIRED

NEW PREFINISHED 8" HALF-ROUND GUTTER SYSTEM WITH PREFINISHED 4" ROUND DOWNSPOUTS AND CONCRETE SPLASHBLOCKS COLOR PM-1

GENERAL NOTES - ROOF AND SOFFIT PLAN

- DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS. FIELD VERIFY ALL DIMENSIONS PRIOR TO START OF WORK. IN THE EVENT OF DISCREPANCY, NOTIFY ARCHITECT AND OBTAIN RESOLUTION BEFORE PROCEEDING.
- FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO PERFORMING LAYOUT REQUIRED FOR NEW WORK.
- CONTRACTOR SHALL TAKE ALL MEASURES TO PROTECT ALL ADJACENT CONSTRUCTION AND MATERIALS NOT INDICATED TO BE DEMOLISHED PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGE TO EXISTING ADJACENT CONSTRUCTION AND MATERIALS TO THEIR CURRENT CONDITIONS.
- ALL ROOF PENETRATIONS ARE TO BE FLASHED AND SEALED PER ROOFING MANUFACTURER'S RECOMMENDATIONS.

GENERAL NOTES - DEMOLITION

- DIMENSIONS SHOWN ON DRAWINGS ARE TO FINISHED FACE OF MATERIAL UNLESS NOTED OTHERWISE.
- AT LOCATIONS WHERE WORK IS REQUIRED, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR SHALL TAKE ALL MEASURES TO PROTECT ALL ADJACENT CONSTRUCTION AND MATERIALS NOT INDICATED TO BE DEMOLISHED PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGE TO EXISTING ADJACENT CONSTRUCTION AND MATERIALS TO THEIR CURRENT CONDITIONS.

WHEN PERFORMING ANY MITIGATION ACTIVITIES, IT IS CRUCIAL TO FOLLOW LEAD-SAFE WORK PRACTICES TO MINIMIZE THE CREATION AND SPREAD OF LEAD DUST. THIS INCLUDES WETTING SURFACES BEFORE DISTURBING THEM, USING HEPA VACUUMS FOR CLEANUP, AND WEARING PERSONAL PROTECTION EQUIPMENT. REFER TO THE RENOVATION, REPAIR AND PAINTING PROGRAM RULE (RRPPR) AND SEE SPECIFICATION SECTION 024119 - SELECTIVE DEMOLITION FOR INFORMATION REGARDING LEAD-BASED PAINT ON THIS PROJECT.

2 ROOF PLAN
A104/ 1/8" = 1'-0"

1 REFLECTED SOFFIT PLAN
A104/ 1/8" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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DEPARTMENT OF
NATURAL RESOURCES
MISSOURI STATE PARKS

EXTERIOR RENOVATION
HOSPITAL
CONFEDERATE
MEMORIAL STATE
HISTORIC SITE

200 WEST FIRST STREET
HIGGINSVILLE, MO 64037

PROJECT # X2405-01
SITE # 5106
ASSET # 7815106006

REVISION: 1 (ADDENDUM #3)

DATE: 11/06/2025

REVISION: _____

DATE: _____

REVISION: _____

DATE: _____

ISSUE DATE: No

CAD DWG FILE: _____

DRAWN BY: DV

CHECKED BY: JL

DESIGNED BY: KN

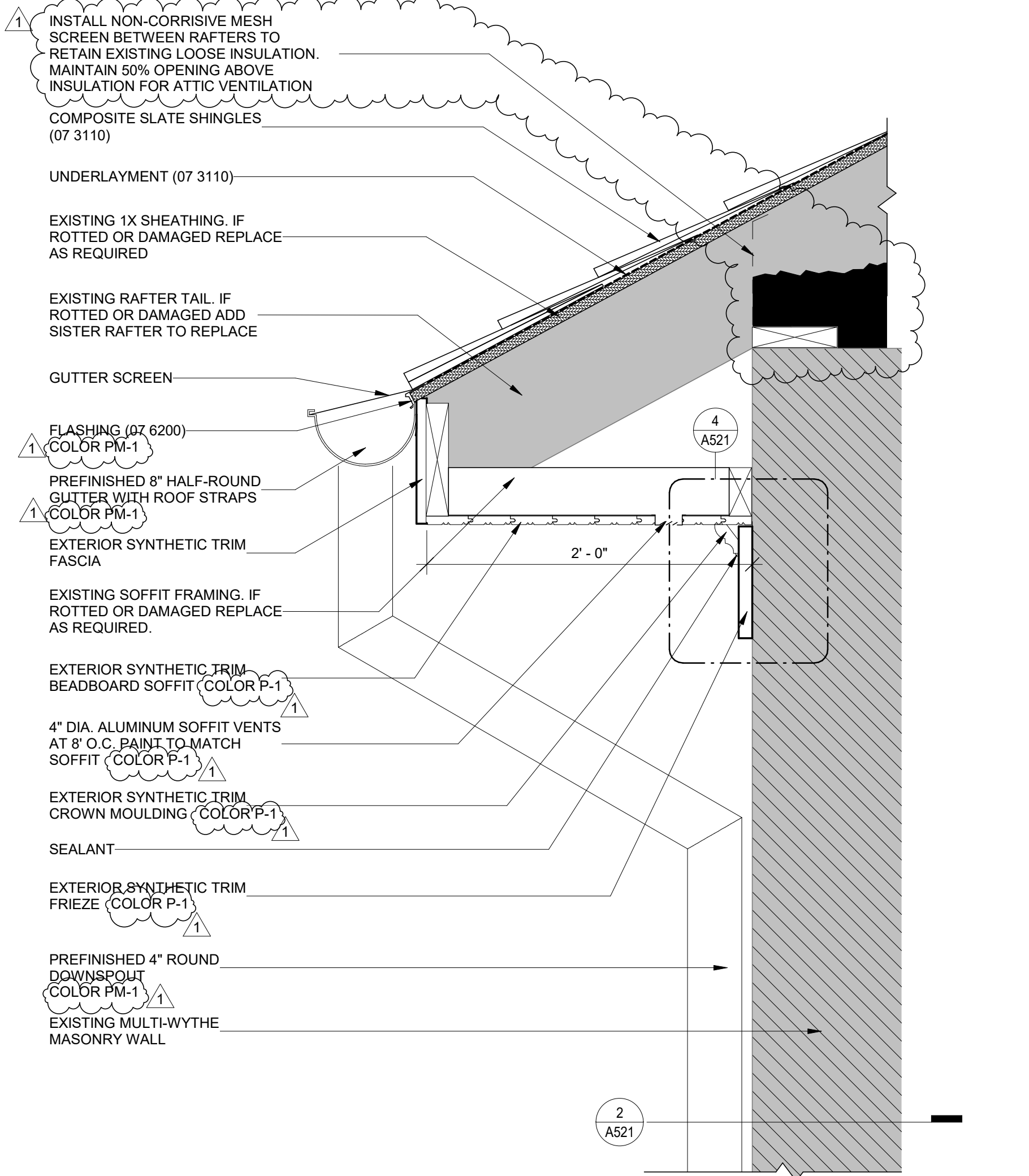
SHEET TITLE:

ROOF PLAN AND
REFLECTED SOFFIT
PLAN

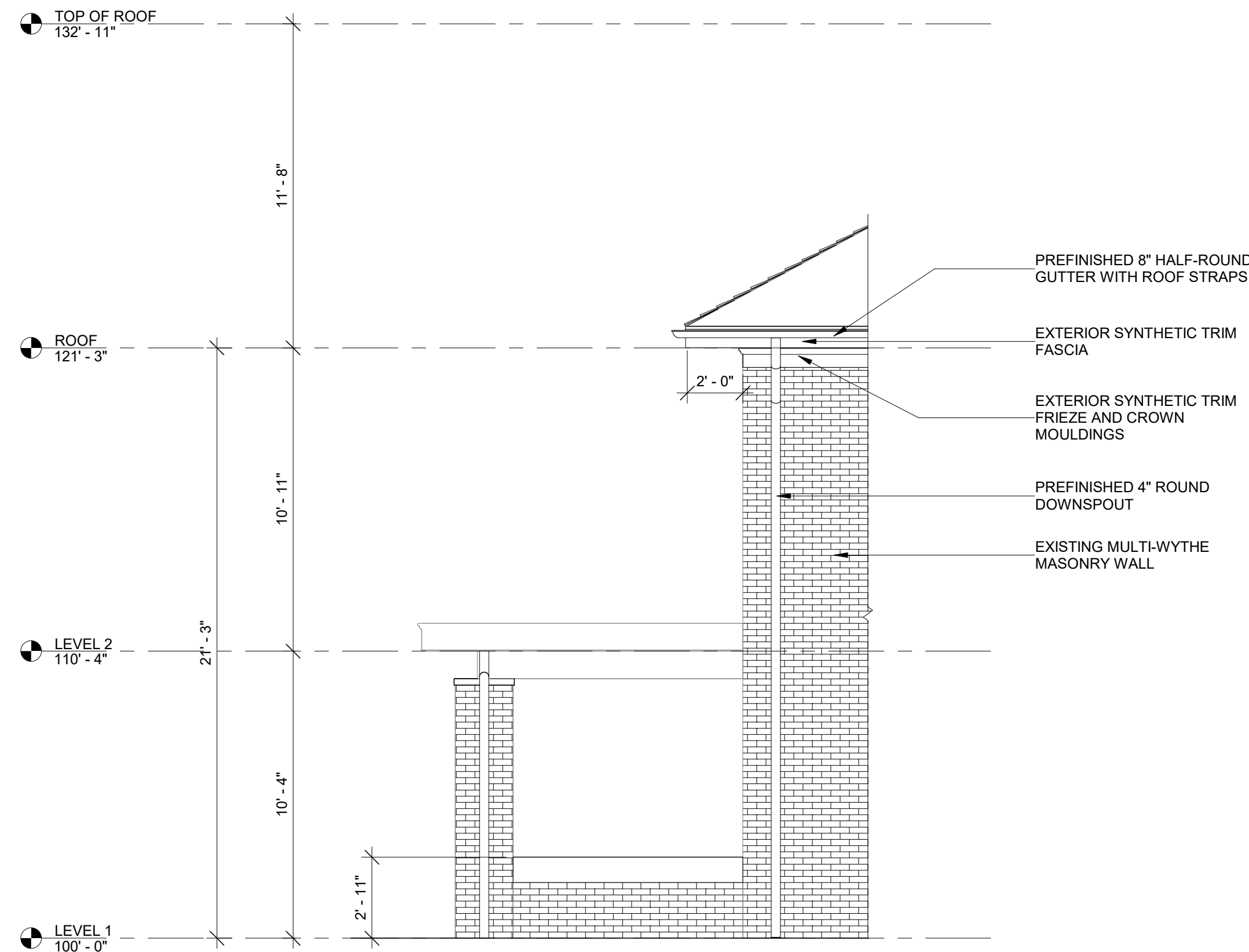
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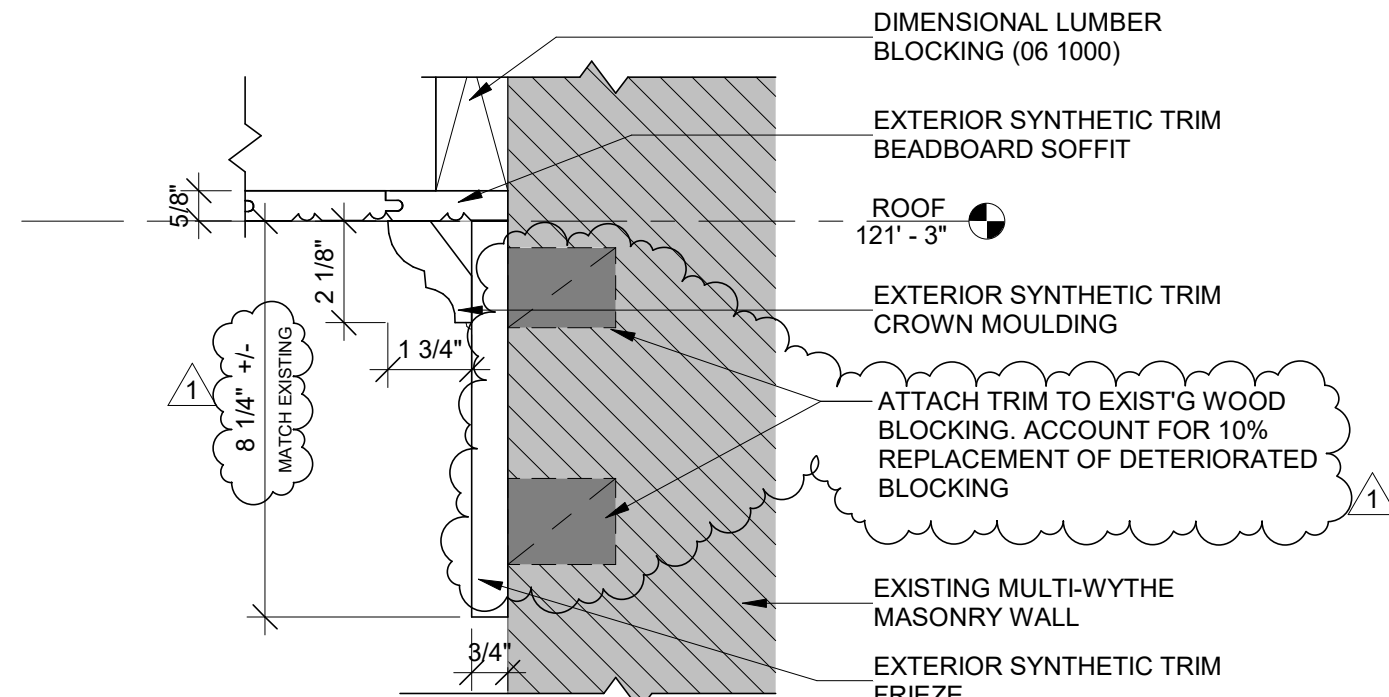
3 OF 4 SHEETS
08/22/2025



3 SECTION DETAIL AT SOFFIT
A521/ 1 1/2" = 1'-0"

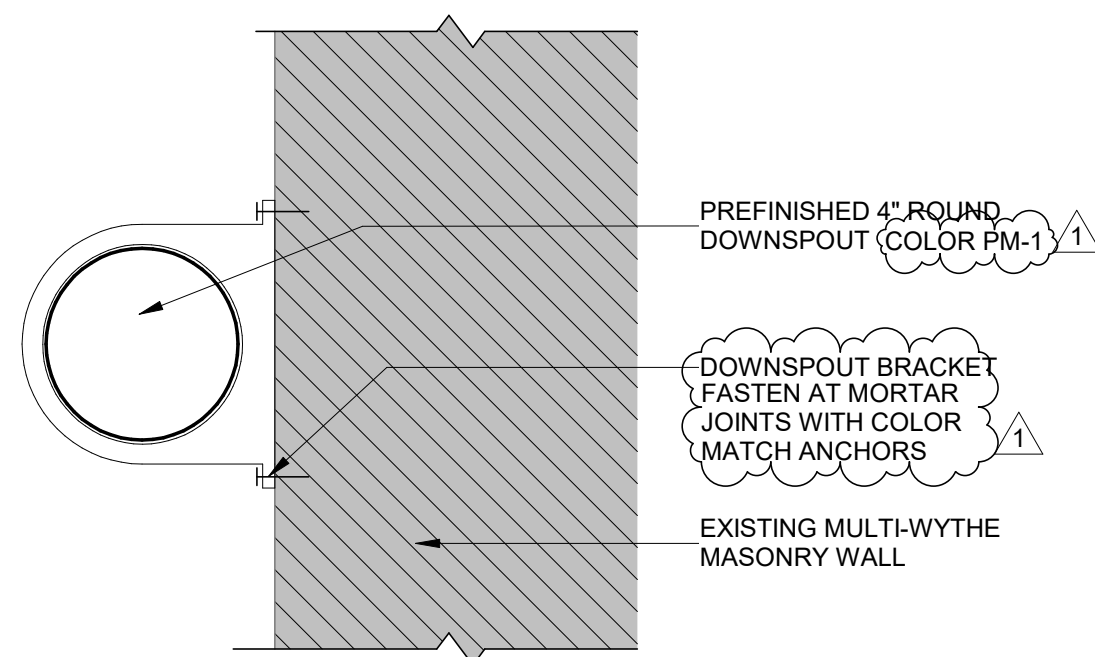


1 EXTERIOR ELEVATION - SOUTHWEST
A521/ 1/4" = 1'-0"



NOTE: SEE SPECIFICATION SECTION 012100 ALLOWANCES FOR ALTERNATIVE FASTENING DIRECTLY TO BRICK IF REQUIRED

4 SECTION DETAIL AT FRIEZE TRIM
A521/ 3" = 1'-0"



REPAIR OF ANCHOR HOLES IN MORTAR JOINTS FOLLOWING DOWNSPOUT REMOVAL SHALL BE MORTAR OF SIMILAR KIND AND CONTENT TO THE EXISTING MORTAR (LOW COMPRESSIVE STRENGTH TYPE "O"). THE MORTAR SHALL BE OF SIMILAR COLOR TO THE ORIGINAL

2 PLAN DETAIL AT DOWNSPOUT
A521/ 3" = 1'-0"

FINISH AND MATERIALS LEGEND		
CSS-1	COMPOSITE SLATE SHINGLES	07 3110
	DAVINCI SINGLE-WIDTH SLATE ROOFING TILES	
S-1	EXTERIOR SYNTHETIC TRIM SOFFIT	06 6500
	TRUEXTERIOR EXTERIOR BEADBOARD 5/8" X 6"	
F-1	EXTERIOR SYNTHETIC TRIM FASCIA & FRIEZE	06 6500
	TRUEXTERIOR EXTERIOR TRIM NOM. 1X EXISTING WIDTH	
M-1	EXTERIOR SYNTHETIC TRIM MOULDING	06 6500
	DURATION MILLWORK CROWN MOULDING NO. D52 11/16" X 2 1/2"	
P-1	PAINT COLOR TYPE - 1	09 9113
	WHITE - TO MATCH PRE-FINISHED METAL PM-1	
PM-1	PREFINISHED METAL COLOR TYPE - 1	07 6200
	WHITE - TO MATCH THE EXISTING BUILDING WHITE TRIM FROM MANUF. STD. COLOR RANGE	
PM-2	PREFINISHED METAL COLOR TYPE - 2	07 6200
	BRICK BROWN - TO MATCH THE EXISTING BUILDING BRICK FROM MANUF. STD. COLOR RANGE	

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ISSUE DATE: No

CAD DWG FILE: _____
DRAWN BY: DV
CHECKED BY: JL
DESIGNED BY: KN

SHEET TITLE:

DETAILS AND
FINISHES

SHEET NUMBER:

A521

4 OF 4 SHEETS
08/22/2025