

BID ADDENDUM NO. 2

OWNER: EDGEMONT UNION FREE SCHOOL DISTRICT
300 WHITE OAK LANE
SCARSDALE, NY 10583

PROJECT NAME: GREENVILLE ELEMENTARY SCHOOL
MPR ROOF, WINDOW REPLACEMENT AND RELATED WORK

This Addendum is hereby included in and made a part of the Contract Documents, dated January 21, 2026 whether or not attached thereto.

All requirements of the original project specifications and drawings shall remain in force except as amended by this addendum.

DATE: February 17, 2026

This Addendum consists of one (1) page, Specification sections 07 3113 and 07 5323 and drawings A-1, A-2, A-3 and A-4

THE FOLLOWING ARE MODIFICATIONS, CLARIFICATIONS, DELETIONS OR ADDITIONS TO THE SPECIFICATIONS:

Table of Contents:

Delete the following: 12 4000 Window Shades

Section 07 3113 – Asphalt Shingles:

Delete section in its entirety and replace with revised section 07 3113 attached as part of this addendum.

Section 07 5323 – EPDM Roofing:

Delete section in its entirety and replace with revised section 07 5323 attached as part of this addendum.

THE FOLLOWING ARE MODIFICATIONS, CLARIFICATIONS, DELETIONS OR ADDITIONS TO THE DRAWINGS:

Drawing A-1 Roof Plan

Delete drawing in its entirety and replace with revised drawing A-1 attached as part of this addendum.

Drawing A-2 Roof Details

Delete drawing in its entirety and replace with revised drawing A-2 attached as part of this addendum.

Drawing A-3 Roof Details

Delete drawing in its entirety and replace with revised drawing A-3 attached as part of this addendum.

Drawing A-4 Roof Details

Delete drawing in its entirety and replace with revised drawing A-4 attached as part of this addendum.

Drawing A-300 Exterior Elevations

Delete “Alternate GC-4” from titles of elevations 4, 5 and 6.

END OF BID ADDENDUM #2

The following attachments are being provided for informational purposes:

Bidder RFI Responses

RFI S&L Roofings #1 and #2- dated 02/02/26
RFI S&L Roofings #3 - dated 02/17/26
RFI S&L Roofings #4 - dated 02/17/26
RFI S&L Roofings #5 - dated 02/2/26
RFI S&L Roofings #6- dated 02/17/26
RFI S&L Roofings #8- dated 02/17/26
RFI NKCC #1 – dated 02/05/26
RFI ABCD Construction #1 – dated 02/17/26
RFI Barrett Roofing #1 – dated 02/17/26
RFI Barrett Roofing #2 – dated 02/17/26
RFI Barrett Roofing #3 – dated 02/17/26

SECTION 07 3113
ASPHALT SHINGLES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section

1.2 SUMMARY

- A. All plant, labor, materials, equipment, testing and services necessary to complete the work shown on the drawings, schedules and keynotes, as specified herein, and as may be required by conditions and authorities having jurisdiction, including, but not limited to, the following:
1. Inspect the underside of the roof deck before starting work, and periodically as work occurs, to determine if there are conduits, pipes, ceiling hangers or fixtures next to the deck or fastened to the deck that could be affected as roof removal work occurs.
 - a. Perform the work so any conduits, pipes, ceiling hangers or fixtures are not disturbed.
 - b. Replace and reset any conduits, pipes, ceiling hangers or fixtures that are affected by the work.
 2. Remove and dispose of all existing sloped roofing material, including underlayments and flashings.
 - a. Clean all residual material from the deck surfaces.
 - b. The work may include removing asbestos containing roofing materials. Refer to the asbestos abatement specification for additional information and asbestos removal requirements.
 3. Install a new asphalt shingle roofing system, including vapor barrier, Structural Insulated Panels (SIP), underlayment over SIP, wood furring, vents, plywood deck, ice & water shield, underlayment, asphalt cement, fasteners, sealants and flashings.
 4. Coordinate the application of the asphalt shingles with the installation of all related components to provide a watertight installation.
 5. Provide miscellaneous mechanical, electrical, hoisting and other work needed, and remove, adjust, modify, reset and reconnect all roof-mounted and roof-penetrating equipment.
- B. Related Requirements
1. Masonry Maintenance - Section 04 0100
 2. Roof Carpentry - Section 06 1000
 3. EPDM Roofing - Section 07 5323
 4. Sheet Metal Flashing & Specialties - Section 07 6200
 5. Roof Accessories - Section 07 7200

1.3 CODE APPROVAL

- A. Install roofing and insulation components to meet the following minimum requirements:
 - 1. New York State Uniform Fire Prevention and Building Code, which includes by reference the New York State Energy Conservation Code.
 - 2. Underwriters Laboratories Inc. Class A External Fire Rating for roof assemblies tested in accordance with ASTM E108 or UL 790.
 - 3. Underwriters Laboratories Inc. Standard 1256 for roof assemblies with foam insulation.
 - 4. Underwriters Laboratories Inc. 110 mph Wind Rating for Roof Covering Materials.

1.4 QUALITY ASSURANCE

- A. General: Do not apply any products when the substrate is wet.
- B. Installer Qualifications:
 - 1. A firm (Installer) with at least 5 continuous years experience performing work similar to that required for this project, employing personnel skilled in the work specified.
 - a. The Installer shall directly employ the personnel performing the work of this section.
 - b. The Installer shall have a supervisor on the roof when work is in progress. The Supervisor shall have a minimum of 5 years experience with work similar in nature and scope to this project, and speak fluent English.
 - 1. Submit the supervisor's resume upon request.
 - c. The Supervisor shall have a full-size paper set of plans & specifications with him, on the roof, at all times.
 - 1. Work shall not occur unless the Supervisor is present with the plans & specifications.
 - 2. The Installer shall provide a reference list of at least three previously completed projects of comparable size and similar design, within fifty miles of this project, which may be observed by representatives of the Owner:
 - a. The reference list shall include at a minimum, the completion date, a description of the work performed, the Owner's name - contact person - phone number and address and the Architect's name - contact person and phone number.
 - b. Submit the reference list upon request.
- C. Material Quality: Obtain each type of material from a single source to ensure consistent quality, color, pattern, and texture.
- D. Installer of Structural Insulated Panels (SIPs) shall be approved by panel manufacturer.

1.5 PRE-CONSTRUCTION

- A. Pre-Work Conference: Meet at the project site between one and two weeks prior to starting work, with the Architect, Owner and other representatives concerned about the work, to discuss the following:
1. How the building will be kept watertight as old roofing is removed and the work progresses.
 2. How the installation of asphalt shingles will be coordinated with the installation of the attic insulation, ice & water shield, underlayment, flashings and other items to provide a watertight installation.
 3. Generally accepted industry practice, the Manufacturer's instructions for handling and installing his products, and specified work requirements.
 4. The condition of the substrate (deck), curbs, penetrations and other preparatory work needed.
 5. Incomplete submittals; note that progress payments will not be processed until all submittals are received and approved.
 6. The construction schedule, weather forecast, availability of materials, personnel, equipment and facilities needed to proceed and complete the work on schedule.
 7. A schedule for Manufacturer and Architect inspections.

1.6 SUBMITTALS

- A. Submit the following items far enough in advance to obtain approval prior to performing any work on site:
1. A pre-work site and building inspection report with photos, no videos, to document conditions before any other work starts on site.
 2. Manufacturer's technical literature for all materials.
 3. Test reports and certifications substantiating compliance with specification requirements, but only if requested by the Architect.
 4. Samples of the Manufacturer's Warranty and Contractor's Guarantee forms.
- B. Simultaneously, provide all technical submittals needed for this project, for all technical sections, collated by section. Incomplete and incorrect submittals will not be reviewed.
1. Submittals shall be prepared and made by the firm that will perform the actual work.
 2. Provide electronic submittals via an on-line submittal exchange program if one is established for this project; if an on-line program is not established, provide the submittals on portable USB drives in pdf format, organized in folders by Section.
 - a. Do not send the submittals via email.
 - b. Do not include Safety Data Sheets with the technical submittals.
- C. Safety Data Sheets: Simultaneously provide all Safety Data Sheets needed for this project, for all specification sections - collated by section, in three ring binders. Provide two binders for each building.
- D. Payment requisitions will not be processed until all submittals are received and approved.

- E. Provide delegated design for installation of Structural Insulated Panels (SIPs). Provide shop drawings based on the delegated design indicating the following:
1. SIP panel layout and supporting purlin layout.
 2. Panel thickness, type, and orientation.
 3. Fastener types, sizes, spacing, and fastening pattern.
 4. SIP jointing, sealing, and connection details, including roof field, rake, hip and ridge conditions.
 5. Continuous vapor barrier located beneath SIP panels
 6. Vapor permeable underlayment installed over the exterior face of SIP panels.
 7. Attachment of wood furring strips to SIP panels for roof ventilation, including fastening requirements.
 8. Attachment of plywood roof decking to furring strips.

Delegated design calculations and shop drawings shall be sealed and signed by a Professional Engineer licensed in the State of New York. Delegated design and shop drawings shall also be reviewed and approved in writing by the Structural Insulated Panel manufacturer prior to submission.

1.8 DELIVERY, STORAGE AND HANDLING

- A. Deliver material to the site in the Manufacturer's original and unopened packaging, bearing labels which identify the type and names of the products and Manufacturers, with Underwriters' Laboratories, Inc. labels intact and legible.
- B. Store material on raised platforms and cover it immediately upon delivery. Keep material dry until installed.
- C. Do not stack bundles of shingles more than 4 feet high.
- D. Store rolled goods on end.
- E. Do not overload the structure when storing materials on the roof.
- F. Protect roof surfaces where material and equipment is placed on them, and where construction traffic occurs, with 6 mil fire retardant polyethylene, covered with 1-1/2 inch thick foam insulation, overlaid with 2 by 10 wooden planks.

1.9 WARRANTY AND GUARANTEE

- A. Provide the standard Manufacturer's 40-year Lifetime limited warranty against manufacturing defects for asphalt shingles.
- B. Provide Manufacturer's 20-year warranty against manufacturing defects for Structural Insulated Panels.
- C. Provide a written Contractor's Guarantee which guarantees that all work will remain free of material and workmanship defects and in a watertight condition for five years beginning upon Final Completion:

1. Defects include but are not limited to the following: leakage, delamination, lifting, loosening, splitting, cracking, joint separation and movement.
 2. Guarantee coverage shall include the repairs and modifications necessary to enable the work to perform as guaranteed.
 3. Guarantee coverage shall include removing and replacing items installed as part of the original work, if removal is needed to make repairs.
- C. Provide one Guarantee that covers “all work performed” when a single contractor is awarded work specified in multiple Sections.
- D. The Guarantee shall take effect no more than 30 days before the satisfactory completion of all punch list work.
- E. The Contractor’s Surety Company may add a rider to the Performance Bond which clarifies that Performance Bond Coverage expires two years after Final Completion; i.e., Performance Bond Coverage does not run for the entire five year term of the Contractor’s Guarantee.

PART 2 - PRODUCTS

2.1 ASPHALT SHINGLES

- A. Asphalt Shingles shall be 5 layer laminated fiberglass architectural textured shingles; CertainTeed Grand Manor Shingles are the basis of design, equal shingles that comply with the following standards may be submitted and used after approval.
1. ASTM Specification D-3462.
 2. U.L. Class A Fire Rating.
 3. U.L. Wind Resistant Rating.
 4. Approximate Size: 36 inches long x 18 inches wide, 8 inch exposure.
 5. Approximate weight: 425 pounds per square.
 6. Color as selected.
- B. Utilize the Manufacturer's special starter, hip and ridge shingles.

2.2 ACCESSORY MATERIALS

- A. Ice and Water Shield under shingles and as a Vapor Barrier on cementitious fiber deck planks:
1. Standard - 40 mil thick slip resistant, rubberized asphalt adhesive sheet, backed with a layer of cross laminated polyethylene, with a release paper for peel and stick application directly to the prepared and primed roof deck: W.R. Grace Ice & Water Shield.
 2. Deck primer: Perm-A-Barrier WB Primer
 3. High Temperature - 30 mil thick slip resistant, rubberized asphalt adhesive sheet, backed with a layer of cross laminated polyethylene, with a release paper for peel and stick application directly to a prepared substrate: Grace Ultra Ice & Water Shield.
 - a. Use high temperature ice & water shield where it is in contact with sheet metal flashings.

- B. Underlayment for shingles: 12 mil thick spun-bonded polypropylene coated with UV stabilized polyolefin: WR Grace Tri-Flex 30.
- C. Asphalt Cement: Type 1, asbestos-free grade bituminous plastic cement complying with Federal Specification of SS-C-153B.
- D. Fasteners:
 - 1. Underlayment - galvanized or aluminum cap nails with low profile heads.
 - 2. Shingles - Hot dipped, 12 gauge barbed shank, galvanized roofing nails, long enough to penetrate through the underside of the sheathing about 1/4 inch, and minimum 1-3/4 inches.
 - 3. Structural Insulated Panel – SIP Fasteners for steel and wood
- E. Structural Insulated Panels (SIPs) consist of oriented strand board (OSB) laminated with a structural adhesive to an expanded polystyrene insulation core and SIP manufacturer-supplied accessories.
 - 1. References:
 - a. ANSI/APA PRS 610.1 – Standard for Performance Rated Structural Insulated Panels in Wall Applications.
 - b. ASTM C578 – Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.
 - c. ASTM D7446 – Standard Specification for Structural Insulated Panel (SIP) Adhesives for Laminating Oriented Strain Board (OSB) to Rigid Cellular Polystyrene Thermal Insulation Core Materials.
 - d. DOC PS 2-18 – Performance Standard for Wood-Based Structural Use Panels.
 - e. ICC-ES AC05 – Acceptance Criteria for Sandwich Panel Adhesives.
 - 2. Material: provide composite, factory laminated board consists of an insulation foam core sandwiched between two 7/16” thick oriented strand board (OSB) structural facing, manufactured under factory-controlled conditions; minimum R-Value 30.
 - Basis of design: “Neopor SIP” 6 ½” thick panel, consists of Expanded Polystyrene insulation core injected with graphite, and 7/16” OSB inner and outer face.. Provide widest and longest possible panels to minimize joints. Manufacturer ACME Panel Company, 1905 West Main Street, Radford, VA 24141.
 - Other manufacturers’ equal products can be acceptable based on the following qualifications criteria:
 - a. Structural Insulated Panel Association (SIPA) Membership: Provide certificate indicating that SIPs manufacturer is a SIPA manufacturing member in good standing.
 - b. Product Code Report: Provide copy of manufacturer’s product code report.
 - c. Quality Assurance Program: Provide evidence of manufacturer’s third party quality assurance program.
- F. Vapor Permeable Underlayment for SIP panel outer face: minimum perm rate of 5; Deck-Armor as manufactured by GAF.
- G. Fasteners as recommended by SIP manufacturer.
- H. Joint sealing accessories as recommended by SIP manufacturer.
- I. Ridge Vent: High density rigid corrugated black polyethylene sections with integral factory installed snow screens that provide 20 square inches of net free ventilation area per lineal foot, Cor-A-Vent Model V-600E.

- J. Eave Vent: High density rigid corrugated polyethylene sections that provide 10 square inches of net free ventilation area per lineal foot, 1 inch by 1-1/2 inches nominal size, Cor-A-Vent Model S-400. Color black.

PART 3 - EXECUTION

3.1 GENERAL

- A. Install the new roofing system in a watertight, workmanlike manner, meeting the guarantee requirements specified herein; in accordance with the drawings and in conformance with the Manufacturer's requirements, except as enhanced by the drawings and specifications.
- B. Perform work next to roof mounted mechanical equipment, so the work coincides with equipment shutdown periods and does not affect building occupants. Temporarily cover and protect equipment openings, and windows next to the work area, with 6 mil fire retardant polyethylene, so dirt, dust and odors do not enter the equipment or building. Remove covers as soon as the work is complete and at the end of each workday.
- C. Clean substrate surfaces of all laitance, dirt, oil, grease or other foreign matter.
- D. Remove debris daily and as it is generated. Do not stock-pile debris on the roof. Do not leave any debris on the roof at the end of the day. Do not overload the roof structure when moving debris.
- E. Install roof system components on dry surfaces only. Do not install any components when the weather and outside temperatures are not suitable in accordance with the Manufacturer's recommendations.
- F. Complete all work including the equipment flashings, in sequence as quickly as possible so the smallest area possible is under construction at any one time. Complete the entire area of work begun each day, the same day, and make all exposed edges watertight at the end of each day's work.
- G. Protect roof surfaces where material and equipment are placed on them, and where construction traffic occurs, with 6 mil fire retardant polyethylene, covered with 1-1/2 inch thick foam insulation, overlaid with 2 by 10 wooden planks.

3.2 PREPARATION

- A. Carefully remove all existing sloped roofing materials, including underlayment, protruding nails, bituminous mastic, caulking, and other materials from the surface of the deck. Do not damage Cementitious Fiber Planks. Any planks damaged as a result of improper removal methods of the existing roofing system shall be replaced in-kind at no additional cost to the owner.
- B. Repair and refasten the roof decks, to ensure that all surfaces are restored to a condition which will properly support the new roofing system. Perform repairs to the surface of the deck after removal, and patch holes 1/2" or less in depth using fast setting concrete grout under the Base Bid.
- C. Maintain the buildings watertight in the interim.
- D. Do not apply any new material over wet surfaces.

3.3 VAPOR BARRIER OVER CEMENTITIOUS FIBER DECK.

- A. Clean deck substrate and ensure the surface is free from debris and dust.
- B. Install vapor barrier in accordance with manufacturer's instructions. Apply primer over the deck surface to achieve proper adhesion.
- C. Seal all head and end laps and provide continuous air and watertight condition at the deck.

3.4 STRUCTURAL INSULATED PANEL

- D. Install SIP panels over previously applied Vapor Barrier – Ice & Water Shield- over entire roof deck.
- E. Mechanically attach Structural Insulated Panel through the roof deck into the existing steel support. Follow approved Shop Drawings and SIP panel manufacturer installation instructions including, but not limited to:
 - 1. Fastener type and fastening pattern.
 - 2. Joining and sealing panel joints.
 - 3. Installation of wood blocking at panel edge
 - 4. Installation of vapor permeable underlayment on outer panel face
 - 5. Installation of wood furring and plywood deck over SIP surface

3.5 ICE AND WATER SHIELD FOR ROOF DECK UNDER SHINGLES

- A. Install ice & water shield, fully adhered to the deck surface and metal drip edge to shed water at all roof eaves, extending from the eave up the slope 6 feet, and at least 2 feet past the inside face of the building wall.
- B. Install ice & water shield around penetrations, and as required by shingle manufacturer.
- C. Overlap ice & water shield plies 3 inches and end laps 6 inches, minimum.
- D. Store ice & water shield between 60°F and 80°F when the outside temperature is 40°F or below; install the ice & water shield immediately after removing it from storage to assure it adheres to the substrate, and quickly install fasteners for the shingles and flashings through the ice and water shield - to assure self-sealing nail performance.

3.5 UNDERLAYMENT FOR ROOF DECK UNDER SHINGLES

- A. Install underlayment over the entire roof surface.
- B. Lap underlayment plies 3 inches toward the eaves and form 6 inch end laps.
- C. Fasten the underlayment with cap nails spaced 12 inches on center along the ply lines, at the end laps, and in all directions through-out the sheet.
- D. Fasten the underlayment with the specified cap nails; do not use staples.
- E. Lap underlayment at least 12 inches to form double thickness at ridges, and hips.

3.6 ASPHALT SHINGLES

- A. Install asphalt shingles in accordance with the requirements and recommendations of the Manufacturer, except as modified herein.
- B. Utilize chalk lines and install the shingles with straight courses and uniform exposure. Do not exceed the Manufacturer's recommended course exposure.
- C. Nail each strip of asphalt shingles with a minimum of 7 nails. Leave no exposed nails in the completed installation.
- D. Fit shingles neatly around pipes, ventilators and other projections in roof.
 - 1. Do not cover the bottom flanges of apron flashings.
 - 2. Position the shingles about 3/4 inch from cricket corners to create a drainage gap.
- D. Utilize the manufacturer's special starter, hip and ridge shingles.
- E. Form open valleys, which taper, increasing in size from the top to bottom.
- F. Do not puncture the sheet metal flashings with nails, as the shingles are installed.

1.10 CLEANING, PROTECTION AND WATERTIGHTNESS

- A. Inspect the interior and exterior of the building and grounds, and submit a written report with photos to document any pre-existing leakage or damage, prior to performing any work.
- B. The Owner will conduct a similar inspection at the completion of the work, and the Contractor will be charged for all leaks and damage that were not documented in the Contractor's report, or repaired to the Owners satisfaction at the Contractor's expense.
- C. Provide any equipment, material and labor necessary to protect the site, the building, its contents and occupants, pedestrians, and surrounding landscaped and paved areas from damage due to the construction work or from inclement weather during construction.
- D. Do not perform work during inclement weather. Protect incomplete work and the building from damage by inclement weather - which may occur unexpectedly. Make all work areas watertight at the end of each day's work.
- E. Clean up all litter, refuse, rubbish, scrap materials and debris at least twice a day; at noon and at the end of the work day, so the roof and site are neat, orderly and workmanlike. Place the debris in a dumpster, and remove the dumpster from the site as soon as it is full or no longer being used.
- F. Carefully and thoroughly clean the entire roof to remove all residual debris when all work is complete. After cleaning the roof, thoroughly clean all drain sumps, drain lines, leader heads and leaders. Do not allow debris to enter the drainage system.

END OF SECTION

SECTION 07 5323
EPDM ROOFING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section

1.2 SUMMARY

- A. All plant, labor, materials, equipment, testing and services necessary to complete the work shown on the drawings, schedules, and keynotes, as specified, and as may be required by conditions and authorities having jurisdiction, including, but not limited to, the following:
1. Inspect the underside of the roof deck before starting work, and periodically each day as work occurs, to determine if there are conduits, pipes, ceiling hangers or fixtures next to the deck or fastened to the deck that could be affected as roof work occurs.
 - a. Perform the work so any conduits, pipes, ceiling hangers or fixtures are not disturbed.
 - b. Replace and reset any conduits, pipes, ceiling hangers or fixtures that are affected by the work.
 2. Remove and dispose of all existing roofing, insulation, the vapor barrier, underlayment, wood blocking, and flashing.
 - a. Clean all residual material from the deck surface.
 - b. The work may include removing asbestos containing roofing materials. Refer to the asbestos abatement specification for additional information and asbestos removal requirements.
 3. Install a new fully adhered unreinforced 60 mil thick EPDM roofing system, including a vapor barrier on the concrete decks only, insulation, a cover board, flashing, stripping and related accessories.
 4. Provide miscellaneous mechanical, electrical, hoisting and other work needed, and remove, adjust, modify, reset and reconnect all roof-mounted and roof-penetrating equipment.
 5. Install new flashings at the roof drains, and all roof-mounted and roof-penetrating equipment.
 6. Disconnect and remove abandoned mechanical equipment and curbs, and infill the roof deck.
 7. Refasten loose sections of the roof decks as Base Bid work.
 8. Repair deterioration less than 1/2 inch deep in the surface of the existing structural cement fiber plank deck as Base Bid work.
 9. Replace deteriorated portions of the existing decks in accordance with the Unit Prices.

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10. Protect roof surfaces where material and equipment is placed on them, and where construction traffic occurs, with 6 mil fire retardant polyethylene covered with 1-1/2 inch thick foam insulation, overlaid with 2 by 10 wooden planks.

B. Related Requirements

1. Masonry Maintenance - Section 04 0100
2. Roof Carpentry - Section 06 1000
3. Insulation - Section 07 2126
4. Asphalt Shingles - Section 07 3113
5. Sheet Metal Flashing & Specialties - Section 07 6200
6. Roof Accessories - Section 07 7200

1.3 CODE APPROVAL REQUIREMENTS

A. Install roofing and insulation system components to meet the following minimum requirements:

1. New York State Uniform Fire Prevention and Building Code, which includes by reference the New York State Energy Conservation Code.
2. Underwriters Laboratories Inc. Class A External Fire Rating for roof assemblies tested in accordance with ASTM E 108 or UL 790.

B. Provide written certification from the roof material Manufacturer, before beginning work, to confirm the roofing system meets these requirements.

1.4 QUALITY ASSURANCE

A. Installer Qualifications:

1. A firm (Installer) with at least 5 continuous years experience performing work similar to that required for this project, employing personnel skilled in the work specified.
 - a. The Installer shall directly employ the personnel performing the work of this section.
 - b. The Installer shall have a supervisor on the roof when work is in progress. The Supervisor shall have a minimum of 5 years experience with work similar in nature and scope to this project, and speak fluent English.
 1. Submit the supervisor's resume upon request.
 - c. The Supervisor shall have a full-size paper set of plans & specifications with him, on the roof, at all times.
 1. Work shall not occur unless the Supervisor is present with the plans & specifications
2. The Installer shall provide a reference list of at least three previously completed projects of comparable size and similar design within fifty miles of this project, which may be observed by representatives of the Owner:

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- a. The reference list shall include at a minimum, the completion date, a description of the work performed, the Owner's name - contact person - phone number and address and the Architect's name - contact person and phone number.
 - b. Submit the reference list upon request.
 3. The Installer shall be acceptable to or licensed by the Manufacturer of the primary roofing materials, and provide written certification from the Manufacturer to confirm this prior to award if requested.
- B. Material Quality: Obtain each product, including the insulation, cover board, roof and flashing sheets, and the cements, primers and adhesives from a single Manufacturer which has manufactured the same products in the United States of America for not less than 5 continuous years.
- C. Material Quality: Obtain each type of material from a single source to ensure consistent quality, color, pattern, and texture.

1.5 PRE-CONSTRUCTION

- A. Meet at the project site approximately two weeks prior to starting work, with the Architect, Owner and other representatives to discuss the following:
1. How the building will be kept watertight as old roofing is removed and the work progresses.
 2. How the vapor barrier, insulation and EPDM roofing will be installed to make a watertight assembly.
 3. Generally accepted industry practice and the Manufacturer's instructions for handling and installing his products.
 4. The condition of the substrate (deck), curbs, penetrations and other preparatory work needed.
 5. Incomplete submittals; note that progress payments will be not processed until all submittals are received and approved.
 6. The construction schedule, weather forecast, availability of materials, personnel, equipment and facilities needed to proceed and complete the work on schedule.
 7. A schedule for Manufacturer and Architect inspections.

1.6 SUBMITTALS

- A. Submit the following items far enough in advance to obtain approval prior to performing any work on site:
1. A pre-work site and building inspection report with photos, no videos, to document conditions before work starts.
 2. Written certification from the Manufacturer which states that the Installer is acceptable or licensed to install the specified roofing; if not previously provided.
 3. Manufacturer's technical literature for all materials.

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4. Samples of the Contractor's Guarantee and Manufacturer's warranty forms.
 5. Test reports and certifications substantiating compliance with specification requirements, but only if requested by the Architect.
- B. Simultaneously provide all technical submittals needed for this project, for all technical sections, collated by section. Incomplete submittals will not be reviewed.
1. Submittals shall be prepared and made by the firm that will perform the actual work.
 2. Provide electronic submittals via an on-line submittal exchange program if one is established for this project; if an on-line program is not established, provide the submittals on portable USB drives in pdf format, organized in folders by Section.
 - a. Do not make submittals via email
 - b. Do not include Safety Data Sheets with the technical submittals.
- C. Safety Data Sheets: Simultaneously provide all Safety Data Sheets needed for this project, for all specification sections - collated by section, in three ring binders. Provide two binders for each building.
- D. Perform adhesion test for low rise foam adhesive on cement fiber deck substrate and confirm required minimum adhesion is achieved.
- E. Payment requisitions will not be processed until all submittals are received and approved.
- 1.7 JOB CONDITIONS (CAUTIONS & WARNINGS)
- A. Do not use oil or solvent based roof cement with EPDM roofing. Do not allow waste products, (petroleum grease or oil, solvents, vegetable or mineral oil, animal fat) or direct steam venting to make contact with any roofing, insulation or flashing product. Do not expose EPDM roofing and accessories to a temperature over 175 degrees Fahrenheit.
 - B. Splice cleaner, primer, cements and bonding adhesives are flammable. Do not breathe vapors or use near fire or flame or in a confined or unventilated area. Dispense only from a UL listed safety can or the Manufacturer's original container.
 - C. Remove empty adhesive, cleaner and solvent containers and contaminated rags from the roof and legally dispose of them daily.
 - D. Do not apply primer, cleaners or adhesives next to ventilation system louvers or windows. Temporarily cover the louvers and windows with 6 mil fire retardant polyethylene and prevent odors from entering the building. Remove temporary covers at the end of each day's work.
- 1.8 DELIVERY, STORAGE AND HANDLING
- A. Deliver and apply all materials before the Manufacturer's expiration dates, printed on the product labels.
 - B. Deliver material to the site in the Manufacturer's original and unopened packaging, with intact and legible labels which identify the products and Manufacturers,
 - C. Cover all stored materials, except rolls of EPDM and sealed cans of adhesives, with watertight tarpaulins installed immediately upon delivery.

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- D. Immediately remove insulation which gets wet from the job site.
- E. Store and install all material within the Manufacturer's recommended temperature range.
- F. Do not overload the structure when storing materials on the roof.
- G. Protect roof surfaces where material and equipment is placed on them, and where construction traffic occurs, with 6 mil fire retardant polyethylene, covered with 1-1/2 inch thick foam insulation, overlaid with 2 by 10 wooden planks.

1.9 GUARANTEE AND WARRANTY

- A. Provide a written Manufacturer's Full System Warranty which warrants that the roofing system, including the insulation, cover board, EPDM roofing and flashings, will remain in a watertight condition for twenty years beginning upon Final Completion.
 - 1. Guarantee coverage shall remain in effect for gust wind speeds up to 72 miles per hour, measured at ground level at the site.
 - 2. Guarantee coverage shall have no dollar value limit.
- B. Provide a written Contractor's Guarantee which guaranties that all work will remain free of material and workmanship defects and in a watertight condition for five years beginning upon Final Completion:
 - 1. Defects include but are not limited to the following: leakage, adhesive separation, delamination, lifting, loosening, splitting, cracking, joint separation, movement and undue expansion or shrinkage.
 - 2. Guarantee coverage shall include the repairs and modifications necessary to enable the work to perform as guaranteed.
 - 3. Guarantee coverage shall include removing and replacing materials installed as part of the original work, if removal is needed to affect guaranteed repairs.
 - 4. Guarantee coverage shall remain in effect for gust wind speeds up to 72 miles per hour, measured at ground level at the site.
 - 5. Guarantee coverage shall have no dollar value limit.
 - 6. The Contractor's Surety Company may add a rider to the Performance Bond which clarifies that Performance Bond Coverage expires two years after Final Completion; i.e., Performance Bond Coverage does not run for the five year term of the Contractor's Guarantee.
- C. Provide one Contractor's Guarantee that covers "all work performed" when a single contractor is awarded work specified in multiple Sections.
- D. The Manufacturer's Warranty and Contractors Guarantee shall take effect no more than 30 days before the completion of all punch list work.

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- E. Guarantee and Warranty coverage may be cancelled, for the affected portion of the roof, if the work is damaged by winds in excess of 72 mph, by hail, lightning, insects or animals, by failure of the structural substrate, by exposure to harmful chemicals, by other trades on the roof, or by vandalism, or if the Owner fails to maintain the roof in accordance with, or makes roof alterations contrary to, the Manufacturer's printed recommendations.
 - 1. Guarantee and Warranty coverage shall be reinstated, for the remainder of the original period; if the Owner restores the roof to the condition it was in prior to the damage occurring.

1.10 SUBSTITUTIONS

- A. The following factors will be considered when evaluating a possible alternative to the roofing system specified:
 - 1. The wording and intent of the warranty to be issued.
 - 2. The financial status, numbers of years in business, and stability of the entity that will issue the warranty.
 - 3. A reference list of at least five completed similar projects of comparable size, with a successful functional history of at least five years, within approximately fifty miles of the Project.
 - 4. Technical aspects of the system, especially relating to durability, serviceability and performance.
 - 5. The Manufacturer's ability and history providing technical support, on-site inspections and in progress assistance.
 - 6. The availability and experience of local authorized applicators to install and maintain the proposed alternate system.
 - 7. The Manufacturer's willingness and history responding to warranty claims previously made by the Owner, Architect or Consultant's involved in this project.

PART 2 - PRODUCTS

2.1 GENERAL

- A. EPDM roof system components are specified as products of Elevate commercial Roofing Systems to establish a basis of design standard of quality. Equal products and systems from Johns Manville and Carlisle will be accepted.
- B. Primary products required for this project include:
 - 1. Roof insulation
 - 2. Cover board
 - 3. EPDM roofing
 - 4. Primers and adhesives
 - 5. Sealants
 - 6. EPDM flashing
 - 7. Fasteners

2.2 EPDM

1. Unreinforced 60 mils thick, fire retardant, EPDM (Ethylene Propylene Diene Monomer) sheet membrane conforming to the following minimum physical properties.

| PROPERTY | TEST METHOD SPECIFICATION | |
|-------------------------|---------------------------|---|
| Color | — | Gray/Black |
| Tensile Strength | ASTM D-412 | 1305 psi min. |
| Elongation | ASTM D-412 | 300% min |
| Tear Strength | ASTM D-624 | 150 lb/in min |
| Ozone Resistance | ASTM D-1149 | No cracks, 7 days/100 pphm/100°F/50% strain |
| Heat Aging | ASTM D-573 | 1200 psi min@ 200% elongation/4 wks/240°F |
| Brittleness Temperature | ASTM D-746 | -49°F |
| Water Vapor Permanence | ASTM E-96 | 2.0 perm max |
| Thickness | ASTM D-412 | 60 mils plus/minus 6 mils |
| Fire Retardant | | UL Class A |

2.3 RELATED MATERIALS

- A. Cleaners, adhesives, sealants, caulking and fasteners furnished by the EPDM system Manufacturer, that comply with low VOC regulations in effect at the time of application.
 1. Stripping: 90 mil thick 5 inch and 9 inch wide self adhering flashing, consisting of 45 mils of semi-cured EPDM factory laminated to 45 mils of cured seaming tape.
 2. Bonding Adhesive: High strength contact adhesive.
 3. Splice Adhesive: High strength synthetic polymer based contact cement formulated specifically to splice EPDM sheets.
 4. Lap Sealant: EPDM rubber based gun grade sealant.
 5. Water Block Seal: One component low viscosity butyl rubber sealant.
 6. Pre-Molded Pipe Flashing: Pressure sensitive prefabricated flashings with pre-applied adhesive.
 7. Pourable Sealer: Two component, solvent free polyurethane based sealant.
 8. Reinforced Perimeter Fastening Strips: .030 inch thick reinforced cured EPDM.
 9. Seam Tape Primer: Synthetic rubber polymer based primer designed to clean and prime seam tape splice areas prior to installing the tape.
 10. Seam Splice Tape: Nominal 30 mil thick cured polymer self adhesive tape with release paper carrier, 6 inches wide.
 11. Plates and Bars: Galvanized and corrosion resistant specialty products.

12. Fasteners: #14 Fluorocarbon polymer coated heavy duty screws.
- B. Insulation: Flat and tapered rigid cellular polyisocyanurate boards with fibrous felt/fiberglass mat facers, minimum compressive strength 20 psi, meeting ASTM C1289-01, Type II, Class I, Grade 2, as manufactured by Firestone under the trade name of "ISO 95+ Isocyanurate Insulation". Minimum thickness as shown on the roof plan.
 1. Tapered insulation sloping 1/8 1/4 1/2 inch per foot.
 2. Crickets sloping 1/4 1/2 inch per foot.
- C. Gypsum Cover Board: 1/4 inch thick fire resistant gypsum board decking with inorganic glass mat facers and a water resistant core, formulated in 48 x 48 inch square edge boards, UL Class A, meeting ASTM C-1177, manufactured under the trade name Dens-Deck Prime.
- D. Tapered edge strips – high density isocyanurate or wood fiberboard strips installed at the drain sumps, and insulation transition points.
- E. Insulation adhesive: Two component low rise polyurethane foam adhesive, installed with a mixing extruding Pace Cart dispenser, or with a pleural heated foam rig, Firestone I.S.O. Adhesive.
 1. Use insulation adhesive suitable for application at the intended application temperatures.
 2. Do not use twin cartridge "caulking gun" adhesive except on very small isolated sections of roof.
- F. Concrete Grout: Fast setting Portland cement based polymer modified repair mortar as manufactured by The Quikrete Companies, under the trade name Quick-Setting Cement, or equal.

PART 3 - EXECUTION

3.1 GENERAL

- A. Install the new roofing system in a watertight, workmanlike manner, meeting the guarantee requirements specified herein; in accordance with the drawings and in conformance with the Manufacturer's requirements, except as enhanced by the drawings and specifications.
- B. Perform work next to roof mounted mechanical equipment, so the work coincides with equipment shutdown periods and does not affect building occupants. Temporarily cover and protect equipment openings, and windows next to the work area, with 6 mil fire retardant polyethylene, so dirt, dust and odors do not enter the equipment or building. Remove covers as soon as the work is complete and at the end of each workday.
- C. Clean substrate surfaces of all laitance, dirt, oil, grease or other foreign matter.
- D. Remove debris daily and as it is generated. Do not stock-pile debris on the roof. Do not leave any debris on the roof at the end of the day. Do not overload the roof structure when moving debris.
- E. Install roof system components on dry surfaces only. Do not install any components when the weather and outside temperatures are not suitable in accordance with the Manufacturer's recommendations.
- F. Complete all work including the equipment flashings, in sequence as quickly as possible so the smallest area possible is under construction at any one time. Complete the entire area of work begun each day, the same day, and make all exposed edges watertight at the end of each day's work.

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- G. Protect roof surfaces where material and equipment are placed on them, and where construction traffic occurs, with 6 mil fire retardant polyethylene, covered with 1-1/2 inch thick foam insulation, overlaid with 2 by 10 wooden planks.

3.2 PREPARATION

- A. Remove existing roofing, insulation, flashings, underlayment material, and the vapor barrier as indicated, and carefully check the existing deck to confirm it is to be well secured to the underlying structure and not rotten or otherwise deteriorated.
Carefully remove all existing sloped roofing materials at Roof N. Do not damage Cementitious Fiber Planks. Any planks damaged as a result of improper removal methods of the existing roofing system shall be replaced in-kind at no additional cost to the owner.
- B. Repair and refasten the roof decks, to ensure that all surfaces are restored to a condition which will properly support the new roofing system.
 - 1. Perform steel deck repairs as a part of Base Bid work: Fasten new decking to each joist with #10 screws spaced 6 inches on center. Stich side seams of steel deck with #10 screws spaced 24 inches apart.
 - 2. Perform cement fiber deck repairs as a part of Base Bid work: Perform repairs to the surface of the deck 1/2" deep or less using fast setting concrete grout.
- C. Maintain the building watertight in the interim, but do not install new roof system components until defects have been corrected.

3.2 INSULATION AND COVER BOARD

- A. Install tapered insulation neatly cut at all miters and transitions. Do not lace corner boards.
- B. Install insulation with joints offset between rows and layers a minimum of 12 inches. Cut insulation to fit neatly at penetrations and joints. Fill any gap which is greater than 1/4 inch.
- C. On cement fiber deck areas install all layers of insulation using low rise polyurethane foam adhesive applied in accordance with the Manufacturer's recommendations and to achieve the specified minimum uplift resistance. Offset joints in the insulation between rows and layers a minimum of 12 inches. Cut insulation to fit neatly at penetrations and joints. Fill any gap which is greater than 1/4 inch.
 - 1. Install 1/2 inch diameter adhesive beads 12 inches on center in the field of the roof.
 - 2. Install 1/2 inch diameter adhesive beads 6 inches on center in 8 foot wide perimeter zones.
 - 3. Install 1/2 inch diameter adhesive beads 4 inches on center in 8 foot square corner zones.
- D. Install gypsum cover board using low rise polyurethane foam adhesive applied in accordance with the Manufacturer's recommendations and to achieve the specified minimum uplift resistance, over the insulation with joints offset between rows and layers a minimum of 12 inches. Cut gypsum cover board to fit neatly at penetrations and joints. Fill any gap which is greater than 1/4 inch.
 - 1. Install 1/2 inch diameter adhesive beads 12 inches on center in the field of the roof.
 - 2. Install 1/2 inch diameter adhesive beads 6 inches on center in 8 foot wide perimeter zones.
 - 3. Install 1/2 inch diameter adhesive beads 4 inches on center in 8 foot square corner zones.
- E. Place 5 gallon pails half full of gravel or concrete on the insulation and gypsum cover boards to hold them firmly in position for at least 15 minutes while the low rise foam adhesive sets. Position the pails no more than 24 inches apart in all directions.

1. Remove and replace insulation and cover board without using pails of gravel or concrete ballast.
- 3.3 EPDM
- A. Place EPDM roofing on the substrate without stretching it, and allow it to relax approximately one hour – before starting to adhere it to the substrate and form the seams.
 - B. Place adjoining sheets in the same manner lapping the edges to shed water.
 - C. Fully adhere EPDM to the substrate with bonding adhesive.
 1. Open each can of adhesive and stir it with an electric paddle mixer for at least 5 minutes before applying the adhesive. Re-stir adhesive that isn't used within two hours of initial mixing.
 2. Do not punch holes in cans of adhesive and use them in a "Better Spreader" without first opening the cans to mix them.
 3. Replace used roller covers each day; discard covers after each day's use.
 4. Allow bonding adhesive to dry to the touch before joining the EPDM to the substrate.
 5. Roll the EPDM onto the dried bonding adhesive and immediately rub it vigorously with a soft bristle broom to ensure complete adhesion.
 - D. Remove and replace EPDM roofing installed over improperly applied adhesive or with adhesive that was not stirred, and roofing installed over debris or with blisters, ridges, mole runs and similar deficiencies. Removal shall include the insulation and cover board assembly.

3.4 SPLICING

- A. Form EPDM roof splices with 6 inch wide field applied seam tape, or with 3 inch wide factory applied seam tape.
 1. Fold the top sheet back and clean mating surfaces using clean rags with splice wash.
 2. Scrub a smooth coat of QuickPrime onto mating surfaces, with long strokes, and to obtain complete coverage, using approximately 1 gallon per 225 square feet. Do not allow the QuickPrime to glop, streak or puddle; allow it to dry to the touch before installing the seam tape.
 3. Seam tape shall be positioned so 1/8 inch minimum and 1/2 inch maximum will be exposed at the seam edge when the seam is complete.
 - a. Install 5 inch uncured EPDM stripping over any seam where the tape is exposed less than 1/8 inch or more than 1/2 inch.
 4. Roll and allow the top sheet to fall freely into place without stretching or wrinkling it.
 5. Pull splice tape release paper from within the seam and neatly mate the seam using hand pressure to rub the membrane together.
 6. Immediately roll the splice with a 2 inch wide roller, using positive pressure, toward the outer edge of splice.
- B. Install uncured EPDM target patches with rounded corners, over all T-Seam intersections.

3.5 PERIMETER FASTENING

- A. Secure the EPDM at the perimeter of each roof level, and at eaves, penetrations, expansion joints and slope changes greater than 1 inch in 12 inches. Utilize surface applied discs or adhere the EPDM to

continuous reinforced EPDM fastening strips. Secure the discs and EPDM fastening strips 12 inches on center.

3.6 FLASHINGS

- A. Utilized cured EPDM for all flashings; utilize self-curing EPDM at corners and angle changes only where required by the Manufacturer.
 - 1. Form flashing splices, and the splice between the flashing and main roof sheet with 6 inch seam tape.
 - 2. Adhere the flashing to vertical surfaces with bonding adhesive.
 - 3. Fasten the top edge of all flashings, positioning the fasteners 12 inches on center, to be covered by a cap flashing.
- B. Install premolded pipe flashings wherever possible. Where premolded pipe flashings cannot be installed, use field wrapped flashings. Install sealant pockets as a last resort.
- C. Remove existing pipe flashings and Kennedy type couplings and extend the vent pipes to finish a minimum of 18 inches above the roof surface.
 - 1. Extend the pipes using the same type of pipe material as the original vent pipe.
 - 2. Use solvent welded, threaded or no-hub couplings, positioned within the insulation layer to extend the pipes.

3.7 MISCELLANEOUS

- A. Provide any miscellaneous roofing, flashing, caulking, and metal work needed to leave the work complete and entirely watertight, neatly and carefully executed in a thorough and workmanlike manner.
- B. Use mechanics skilled and licensed in the trades to perform mechanical and electrical work. Provide new material, couplings, transition pieces, blocking, fasteners and the like needed to complete the work.

3.8 CLEANING, PROTECTION AND WATERTIGHTNESS

- A. Inspect the interior and exterior of the building and grounds, and submit a written report with photos, no videos, to document any existing leak or damage, prior to performing any work on site.
- B. The Owner will conduct a similar inspection at the completion of the work, and the Contractor will be charged for all leaks and damage that were not documented in the Contractor's report, or repaired to the Owners satisfaction at the Contractor's expense.
- C. Provide any equipment, material and labor necessary to protect the site, the building, its contents and occupants, pedestrians, and surrounding landscaped and paved areas from damage due to the construction work or from inclement weather during construction.

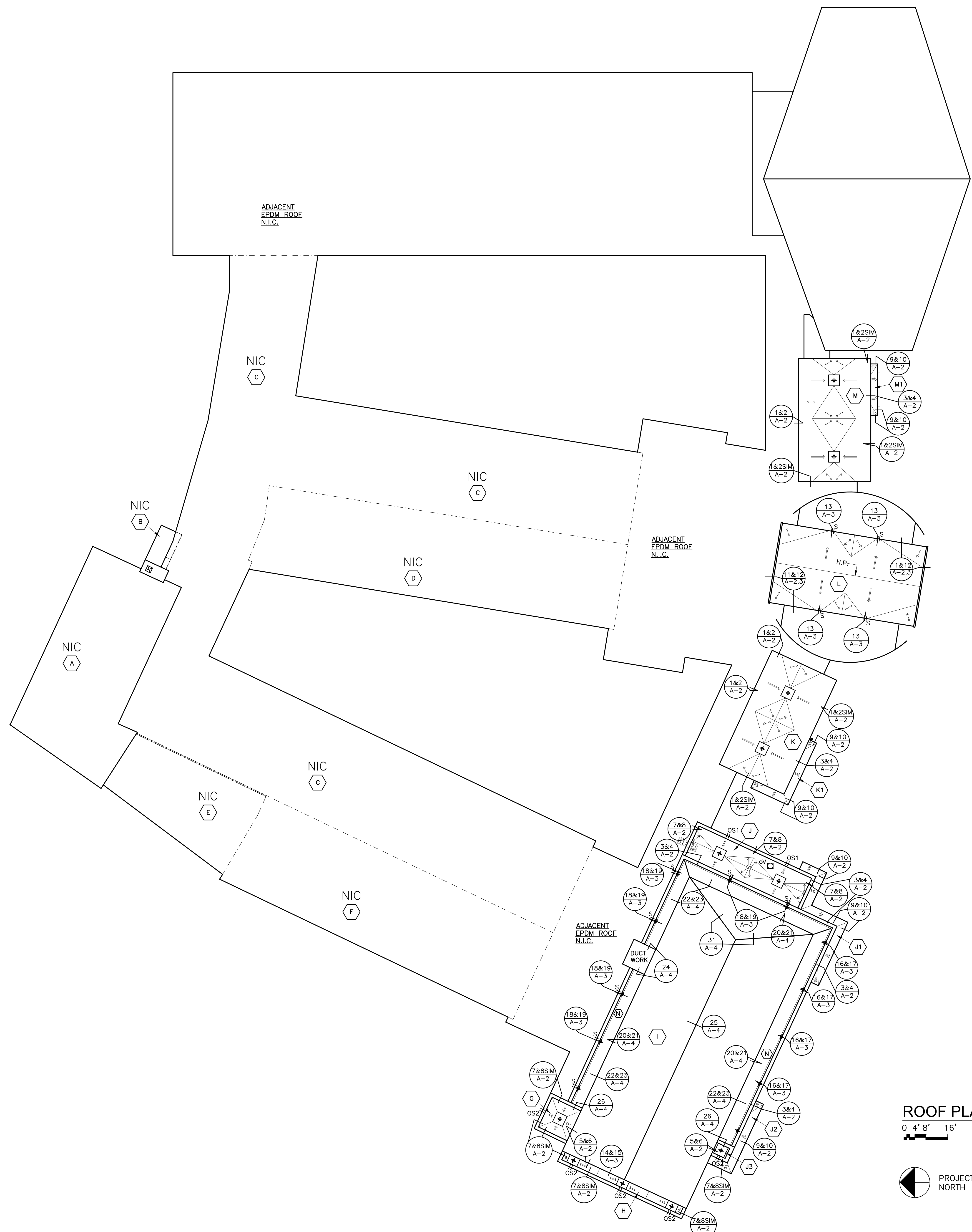
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- D. Do not perform work during inclement weather. Protect incomplete work and the building from damage by inclement weather - which may occur unexpectedly. Make all work areas watertight at the end of each day's work.
- E. Clean up all litter, refuse, rubbish, scrap materials and debris at least twice a day; at noon and at the end of the work day, so the roof and site are neat, orderly and workmanlike. Place the debris in a dumpster, and remove the dumpster from the site as soon as it is full or no longer being used.
- F. Carefully and thoroughly clean the entire roof to remove all residual debris when all work is complete. After cleaning the roof, thoroughly clean all drain sumps, drain lines, leader heads and leaders. Do not allow debris to enter the drainage system.

3.9 ROOF INSPECTIONS BY MANUFACTURER

- A. Arrange for the roofing Manufacturer, or his authorized representative, to make a minimum of five inspections in accordance with the following schedule and submit a written report of each inspection to the Architect.
 - 1. First inspection during the first two days of new roof installation.
 - 2. Second inspection when roofing is approximately one third complete.
 - 3. Third inspection when roofing is approximately two thirds complete.
 - 4. Fourth inspection when all roofing and flashings are installed.
 - 5. Final inspection at the completion of all work.
- B. Provide 48 hours advance written notice to the Architect, so he may have a representative attend the inspections.
- C. Submit the inspection reports within one week following each inspection.
 - 1. Payment requisitions will not be reviewed nor approved until the inspection reports are received.

END OF SECTION



GENERAL NOTES:

- THESE DRAWINGS ARE SUPPLEMENTED BY DETAILED TECHNICAL SPECIFICATIONS. PERFORM THE WORK AS SHOWN ON THE DRAWINGS AND AS DESCRIBED IN THE SPECIFICATIONS.
- DIMENSIONS AND CONDITIONS ON THE ROOF PLAN AND DETAILS ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR.
- ONLY CERTAIN FASTENERS ARE SHOWN ON THE DRAWINGS, REFER TO THE SPECIFICATIONS FOR ADDITIONAL FASTENER REQUIREMENTS.
- TEST EACH DRAIN LINE WITH A RUNNING HOSE FOR AT LEAST ONE HOUR PRIOR TO STARTING ANY OTHER WORK ON SITE AND PROVIDE A WRITTEN REPORT OF ANY CLOGGED LINES TO THE OWNER AND ARCHITECT.
 - CLOGGED DRAIN LINES REPORTED TO THE OWNER BEFORE WORK STARTS WILL BE CLEANED BY THE OWNER.
 - COVER & PROTECT ALL DRAIN OPENINGS AT THE BEGINNING OF EACH WORK DAY. REMOVE THE COVERS AT THE END OF EACH DAY AND BEFORE PRECIPITATION OCCURS.
 - PERFORM WHATEVER WORK IS REQUIRED SO ALL DRAIN LINES ARE CLEAN AND FREE FLOWING UPON COMPLETION OF THE PROJECT.
- INSTALL NEW WALKWAY PADS WHERE SHOWN.
- REPAIR ALL ROOF TOP EQUIPMENT HOUSINGS SO THEY ARE WATERTIGHT.
- WIRE BRUSH, PRIME & PAINT - WITH 2 FINISH COATS, ALL ROOF TOP EQUIPMENT, LADDERS, AND VENT PIPES, INCLUDING ALUMINUM EQUIPMENT. DO NOT PAINT OVER EQUIPMENT LABELS.
- INSULATE THE ROOF DRAIN BOWLS & LINES. SEE SPECIFICATION.

LEGEND:

- A ROOF AREA DESIGNATION
- \neq S SCUPPER
- \neq OS1 OVERFLOW SCUPPER (SEE DET. 19/A-3 SIM) INSTALL SCUPPER 2" ABOVE THE ROOF
- \neq OS2 OVERFLOW SCUPPER (SEE DET. 27/A-4)
- ROOF DRAIN (SEE DET. 28/A-4)
- EXHAUST FAN (SEE DET. 29/A-4)
- ROOF LADDER (SEE DET. 30/A-4)
- \rightarrow TAPERED ISOCYANURATE INSULATION, SLOPE 1/4" / FT
- \rightarrow CRICKET- SLOPE 1/4" / FT
- H.P. \rightarrow INSULATION HIGH POINT
- WALKWAY PADS
- \rightarrow DECK SLOPE

CODE COMPLIANCE REQUIREMENTS:

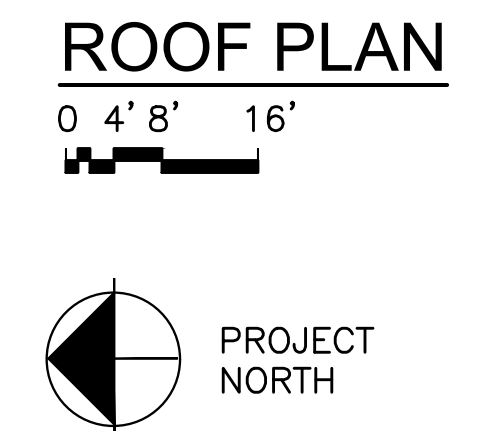
- INSTALL NEW ROOFING TO MEET THE FOLLOWING MINIMUM REQUIREMENTS:
 - NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, WHICH INCLUDES BY REFERENCE THE NEW YORK STATE ENERGY CONSERVATION CODE.
 - UNDERWRITERS LABORATORIES INC. CLASS A EXTERNAL FIRE RATING FOR ROOF ASSEMBLIES TESTED IN ACCORDANCE WITH ASTM E 108 OR UL 790.
 - UNDERWRITERS LABORATORIES INC. STANDARD 1256 FOR ROOF ASSEMBLIES WITH FOAM INSULATION.
- INSTALL ROOFING TO COMPLY WITH THE WIND UPLIFT REQUIREMENTS OF THE NY STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, BASED ON THIS CRITERIA:
 - RISK CATEGORY III
 - BASIC WIND SPEED 115 MPH
 - EXPOSURE CATEGORY B
 - BUILDING HEIGHT 30 FT.
- INSTALL ROOFING AS INDICATED TO RESIST THE FOLLOWING UPLIFT LOADS, CALCULATED IN ACCORDANCE WITH ASCE 7 USING A SAFETY FACTOR OF 2:
 - FIELD ZONE: 90 PSF
 - PERIMETER ZONE: 135 PSF
 - CORNER ZONE: 180 PSF
- FABRICATE AND INSTALL ROOF PERIMETER FLASHINGS THAT COMPLY WITH THE NY STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND WITH ANSI/SPRI ES-1 "WIND STANDARD FOR EDGE SYSTEMS USED WITH LOW SLOPE ROOFING SYSTEMS" ON A BUILDING USING THE CRITERIA DESCRIBED ABOVE.
- FABRICATE AND INSTALL WOOD BLOCKING COMPONENTS TO RESIST A FORCE OF 275 POUNDS PER LINEAL FOOT APPLIED IN ANY DIRECTION.

ROOF PROTECTION NOTES:

- DO NOT WALK ON OR TRAFFIC OVER ROOF AREAS NOT BEING REPLACED. WALK ON AND TRAFFIC OVER AREAS BEING REPLACED AS LITTLE AS POSSIBLE.
- INSTALL 1 INCH THICK EXTRUDED POLYSTYRENE INSULATION COVERED WITH 1/2 INCH THICK PLYWOOD, HELD IN PLACE WITH BAGS OF GRAVEL FOR ROOF PROTECTION.
- INSTALL ROOF PROTECTION WHERE MATERIAL AND EQUIPMENT IS STORED ON THE ROOF, AND AT THE HOIST, AND WHERE NEW CAP FLASHINGS ARE BEING INSTALLED IN THE CHANGE IN ELEVATION WALLS.
- NEATLY CUT AND POSITION ROOF PROTECTION COMPONENTS TO FIT WITHIN 1/2 INCH OF ROOF PENETRATIONS, EAVES AND CHANGE IN ELEVATION WALLS.
- DO NOT COVER THE ROOF DRAINS. MAINTAIN ROOF DRAIN STRAINERS VISIBLE AND CLEAR AT ALL TIMES.

| DECK TYPE CHART & INSULATION REQUIREMENTS | | | | | |
|---|--------------------------|--------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| ROOF AREA | DECK TYPE | STARTING THICKNESS OF NEW INSULATION | MINIMUM R-VALUE OF NEW INSULATION | AVERAGE THICKNESS OF NEW INSULATION | AVERAGE R-VALUE OF NEW INSULATION |
| A | N.I.C. | --- | --- | --- | --- |
| B | N.I.C. | --- | --- | --- | --- |
| C | N.I.C. | --- | --- | --- | --- |
| D | N.I.C. | --- | --- | --- | --- |
| E | N.I.C. | --- | --- | --- | --- |
| F | N.I.C. | --- | --- | --- | --- |
| G | METAL DECK | 5.5" | 30 | 5.8" | 33.6 |
| H | METAL DECK | 5.5" | 30 | 6.0" | 34.8 |
| I | CEMENTITIOUS FIBER PLANK | 5.5" | 31 | 5.5" | 31.0 |
| J | METAL DECK | 5.5" | 30 | 5.8" | 33.6 |
| J1 | METAL DECK | 5.5" | 30 | 5.6" | 32.4 |
| J2 | METAL DECK | 5.5" | 30 | 5.6" | 32.4 |
| J3 | METAL DECK | 5.5" | 30 | 5.7" | 33.0 |
| K | METAL DECK | 5.5" | 30 | 6.3" | 36.6 |
| K1 | METAL DECK | 5.5" | 30 | 5.6" | 32.4 |
| L | METAL DECK | 5.5" | 30 | 6.4" | 37.3 |
| M | METAL DECK | 5.5" | 30 | 6.3" | 36.6 |
| M1 | METAL DECK | 5.5" | 30 | 5.6" | 32.4 |
| N | CEMENTITIOUS FIBER PLANK | 5.5" | 31 | 5.5" | 31.0 |

- NOTES:**
- INSTALL CONTINUOUS INSULATION WITH A MINIMUM R-VALUE OF 30 ABOVE THE DECK, TO MEET THE NYS ENERGY CONSERVATION CONSTRUCTION CODE, INCLUDING THE INTERNATIONAL ENERGY CONSERVATION CODE AND THE NY STATE SUPPLEMENT, FOR A BUILDING IN CLIMATE ZONE 4.
 - INSTALL TAPERED ISOCYANURATE INSULATION THAT SLOPES AS INDICATED ON THE ROOF PLAN; MINIMUM STARTING THICKNESS 5-1/2 INCHES UNLESS OTHERWISE NOTED. INSTALL THE ISOCYANURATE INSULATION IN MULTIPLE LAYERS, WITH THE THICKEST LAYER BEING 4 INCHES. STAGGER ALL JOINTS BETWEEN LAYERS 12 INCHES.
 - INSTALL ISOCYANURATE INSULATION CRICKETS OVER THE TAPERED INSULATION.
 - INSTALL A COVER BOARD USING LOW RISE FOAM ADHESIVE OVER THE INSULATION AND CRICKETS.
 - INSTALL SLOPING CRICKETS ON THE UP-HILL SIDE OF ALL CURBS THAT ARE 30 INCHES AND WIDER.
 - ON ROOF 1 INSTALL STRUCTURAL INSULATED PANEL (SIP) WITH MINIMUM R VALUE 30.



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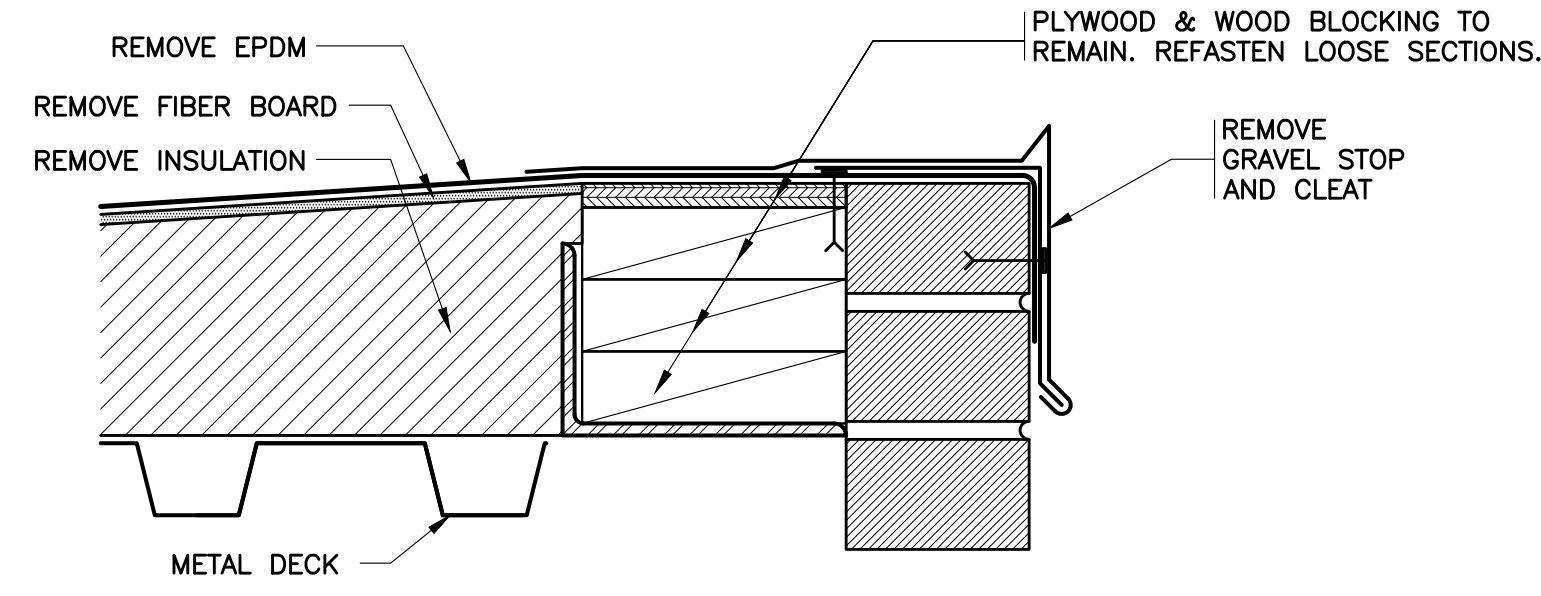
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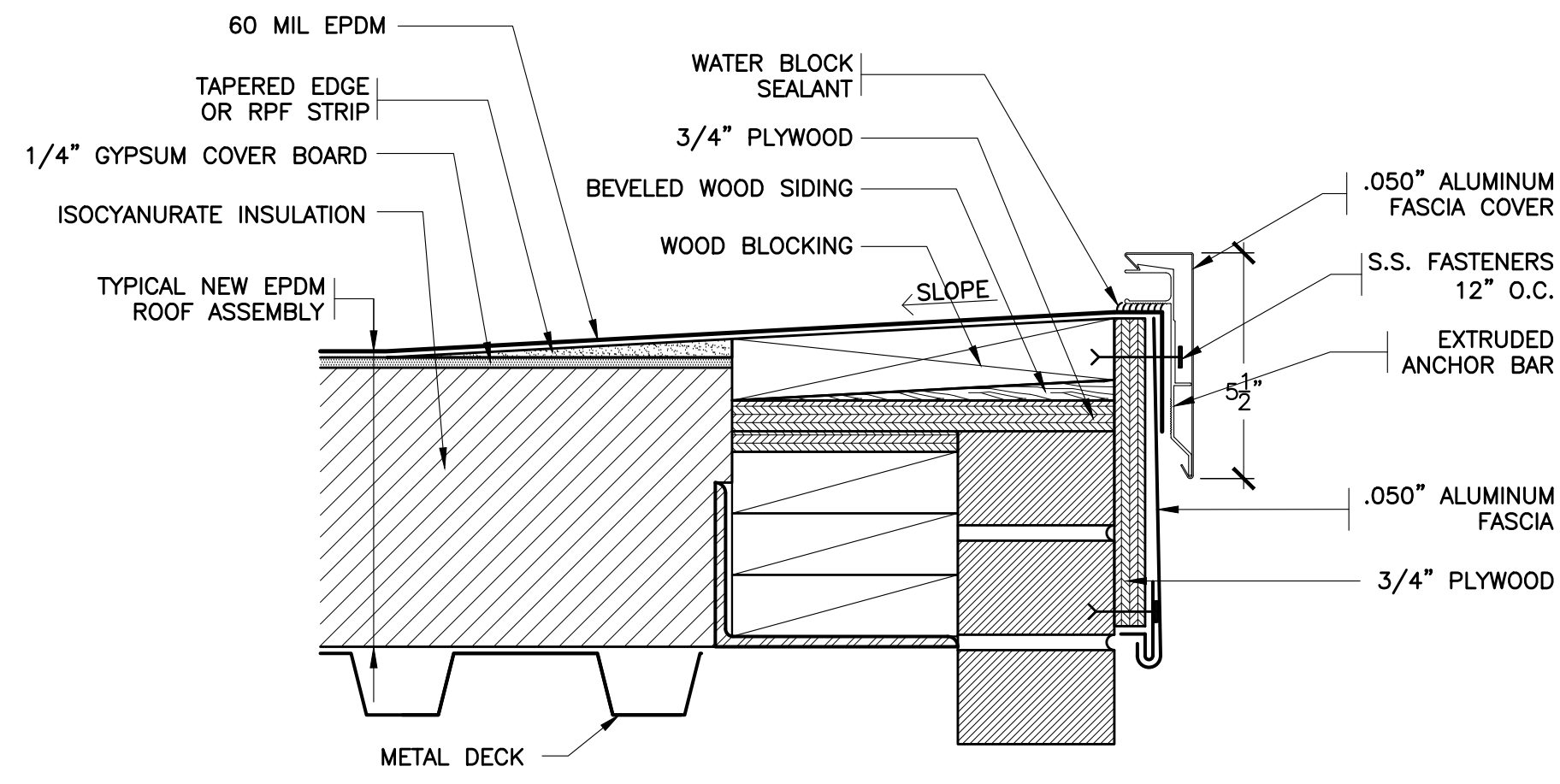
S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY
66-04-06-03-0-008-024

PROJECT TITLE
EDMONT UNION FREE SCHOOL DISTRICT
MRP ROOF WINDOW REPLACEMENT AND
RELATED WORK
100 OLIVERDALE RD., SCARSDALE, NY 10583
DRAWING TITLE

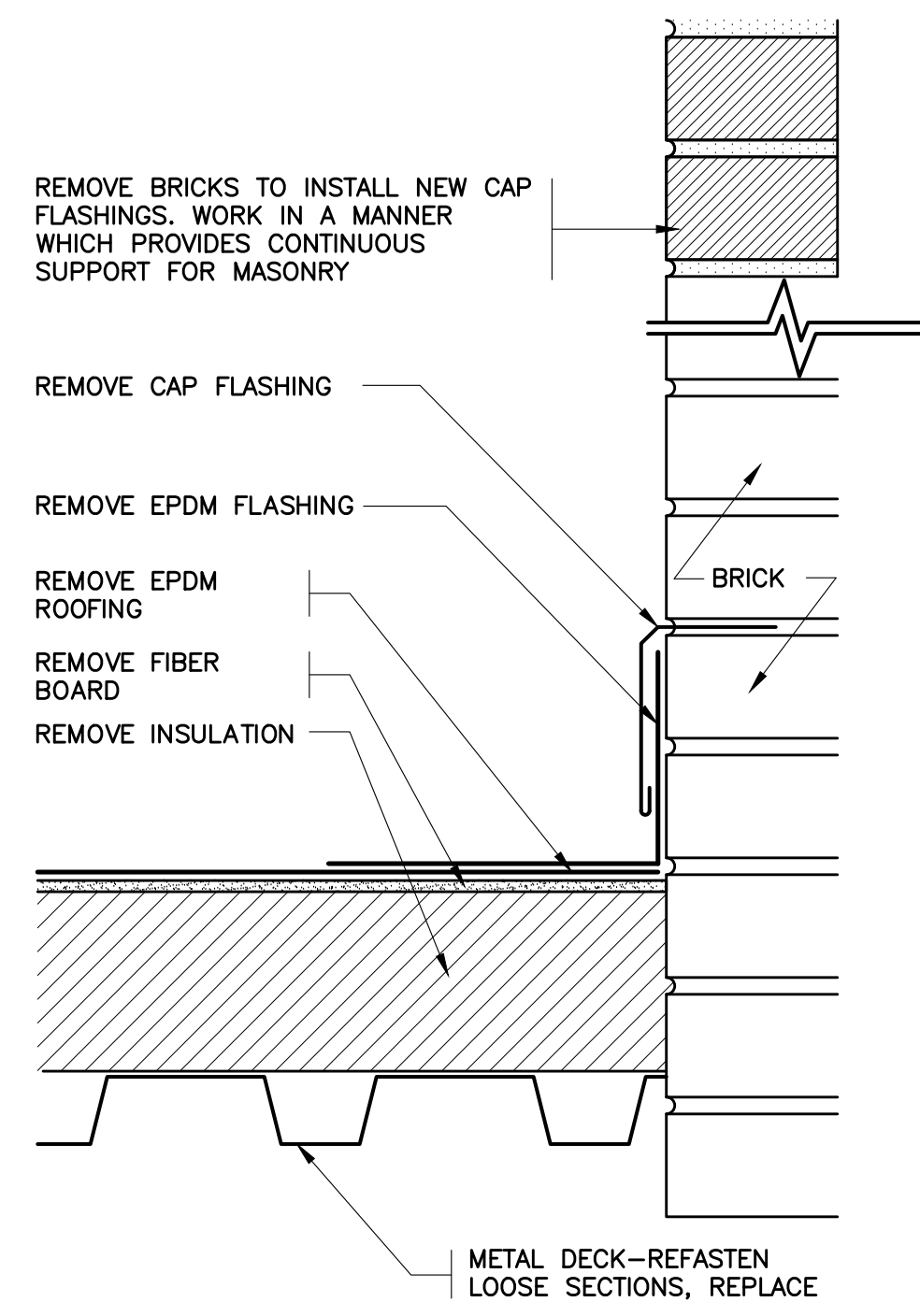
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| 02-17-2026 | ADDENDUM 2 |
| 01-21-2026 | BID |
| 10-01-2025 | S.E.D. SUBMISSION |
| DATE | ISSUED TO |
| SCALE | DRAWING NO. |
| AS NOTED | A-1 |
| DRAWN BY | F & D |
| CHECKED BY | F & D |
| FILE NO. | 24533.00 |



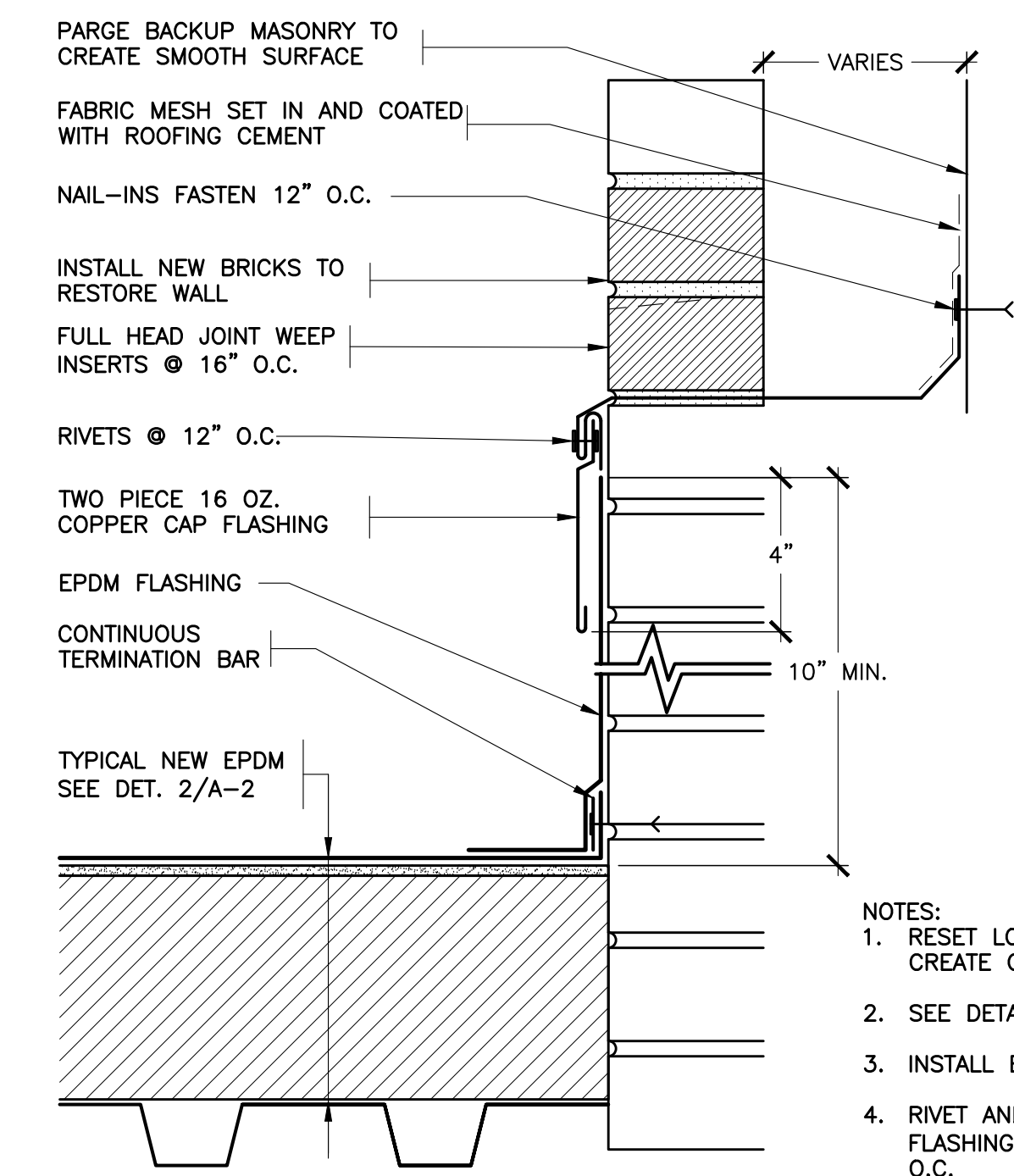
1 EXISTING EAVE
SCALE: 0" 1" 2" 4" 8"



2 REVISED EAVE
SCALE: 0" 1" 2" 4" 8"

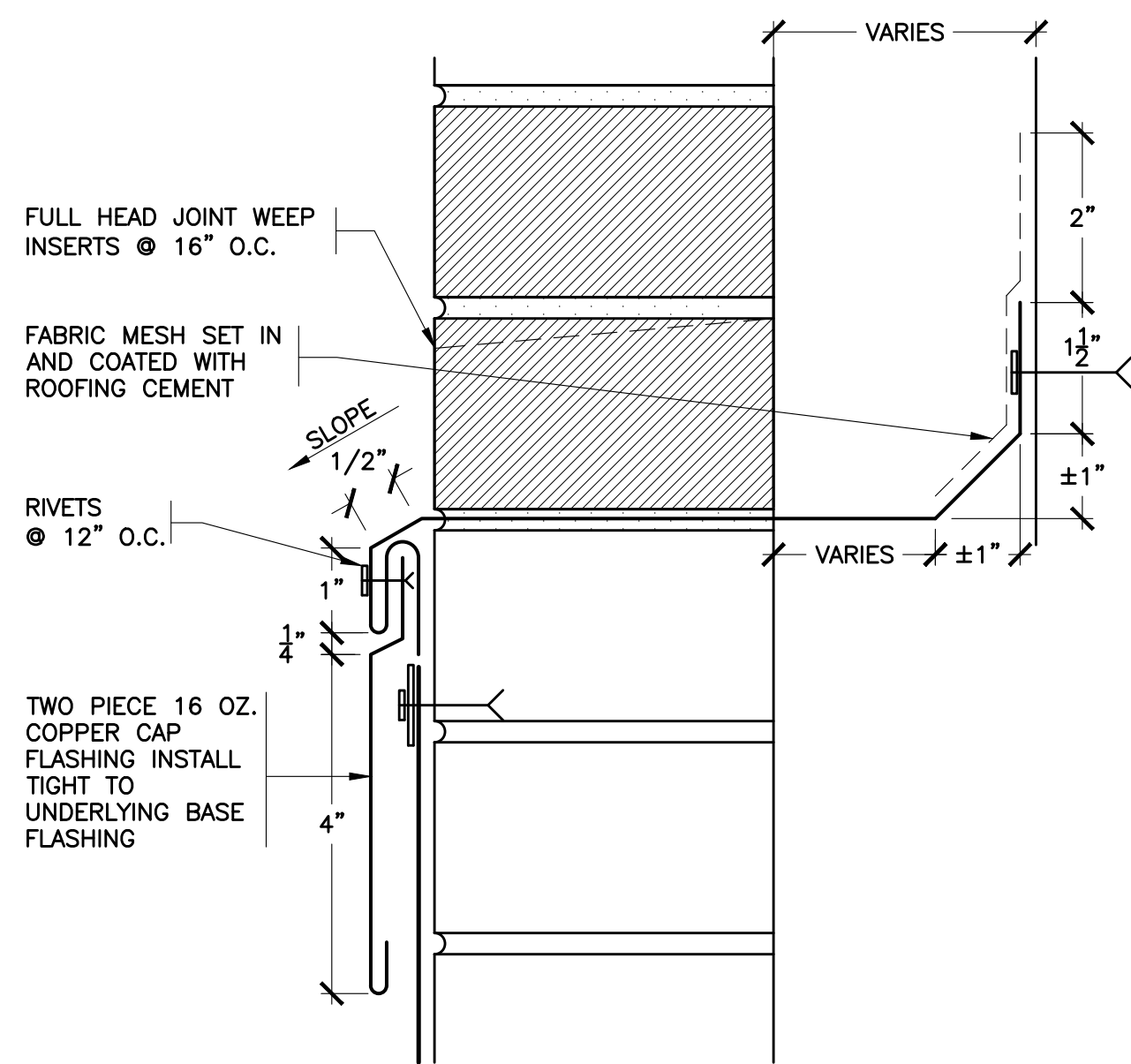


3 EXISTING BASE
SCALE: 0" 1" 2" 4" 8"

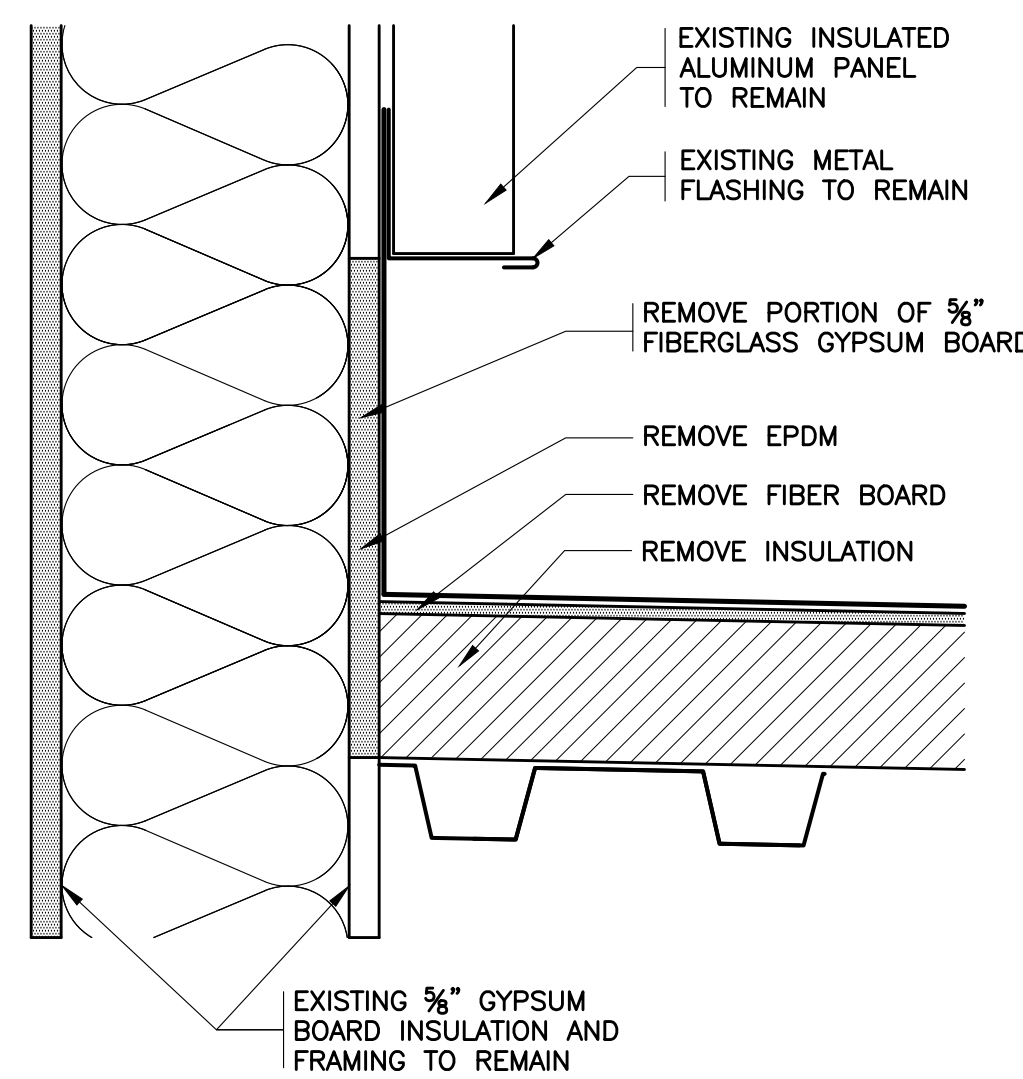


- NOTES:
1. RESET LOOSE BRICKS & FILL CAVITY TO CREATE CAP FLASHING SHELF.
 2. SEE DETAIL 4A FOR ADDITIONAL INFORMATION.
 3. INSTALL END DAMS.
 4. RIVET AND SOLDER ALL JOINTS IN THE CAP FLASHING INSIDE THE WALL. INSTALL RIVETS 1" O.C.
 5. INSTALL 2" WIDE SEALANT FILLED EXPANSION JOINTS 30"-0" O.C.

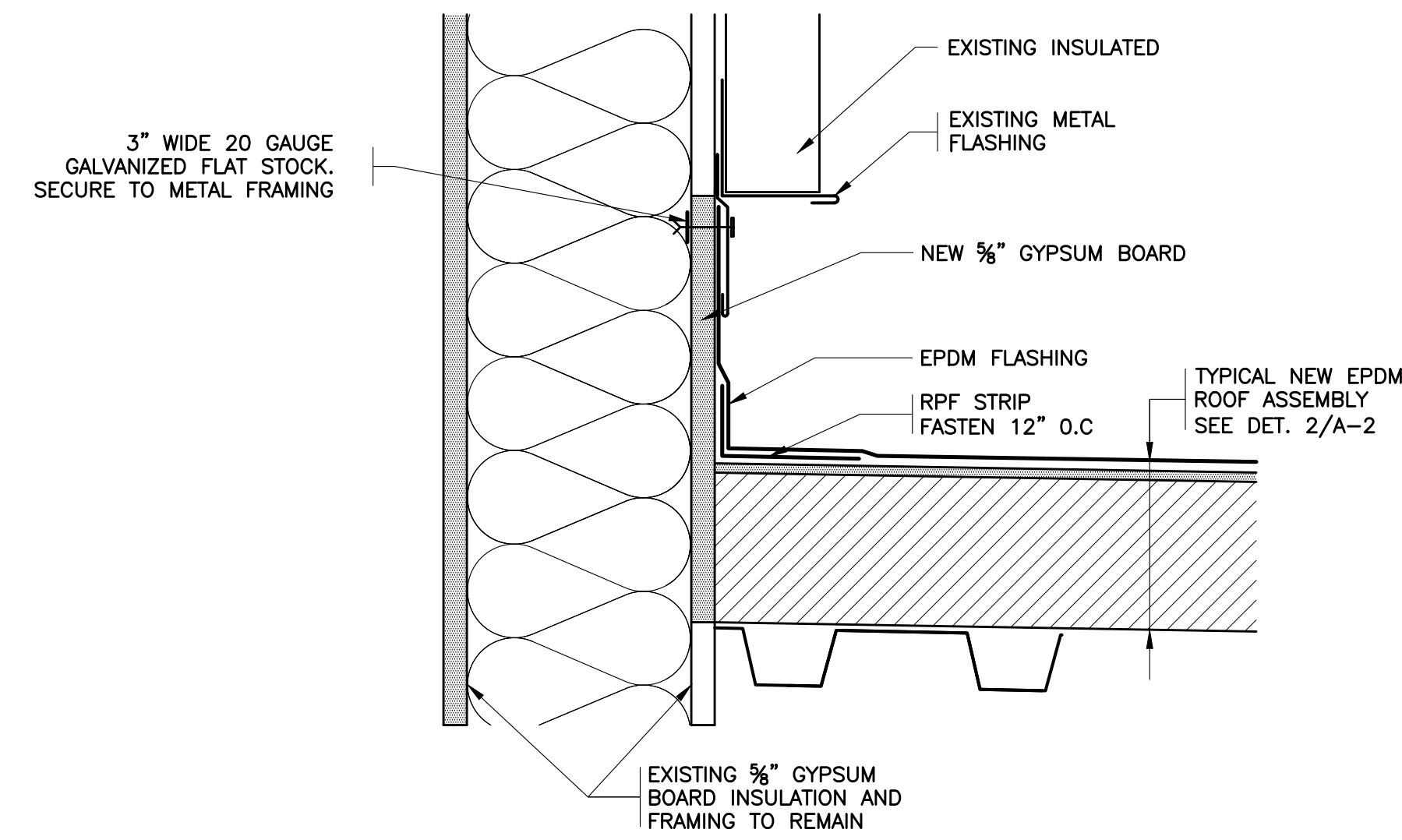
4 REVISED BASE
SCALE: 0" 1" 2" 4" 8"



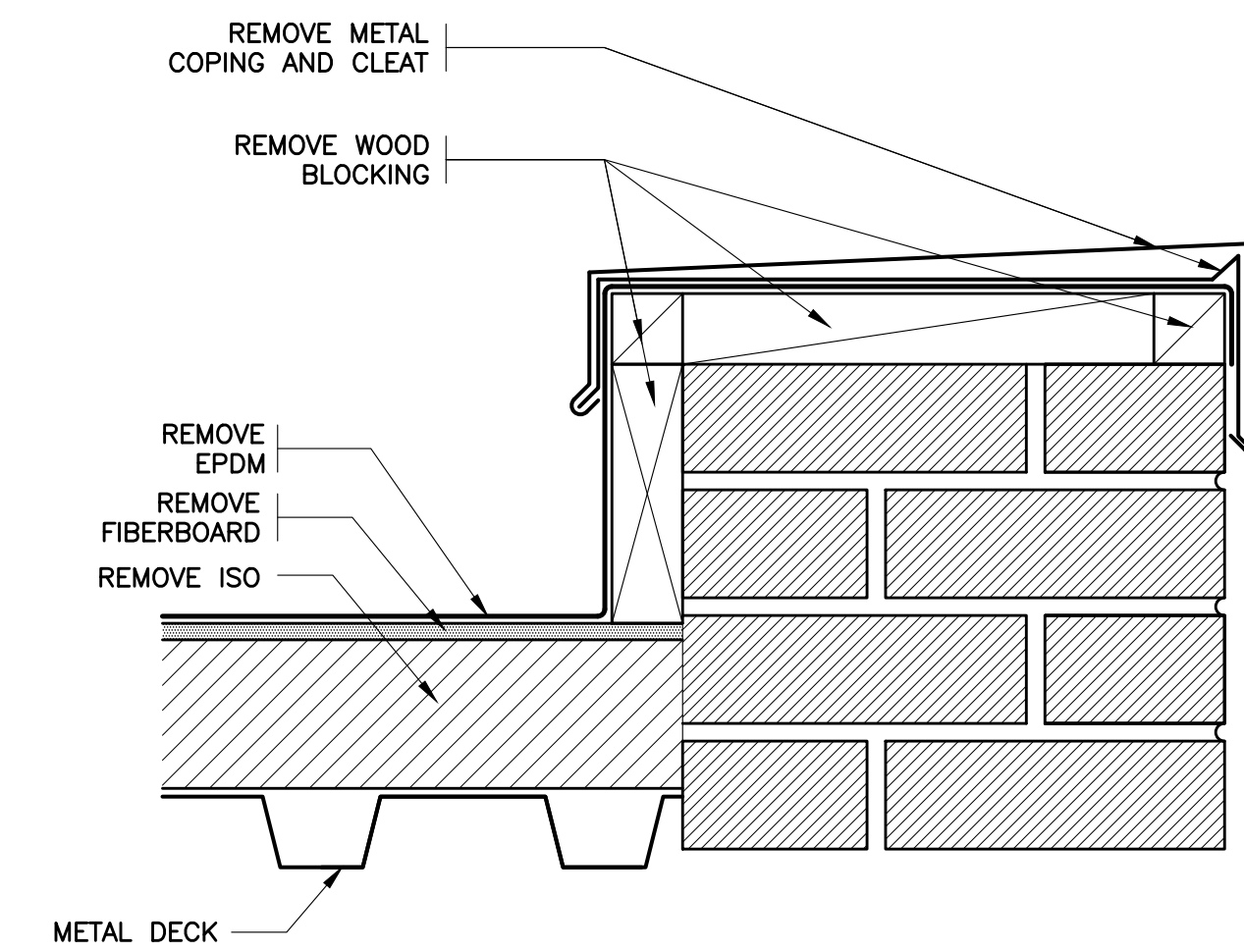
4A REVISED CAP FLASHING
SCALE: 0" 1" 2" 4"



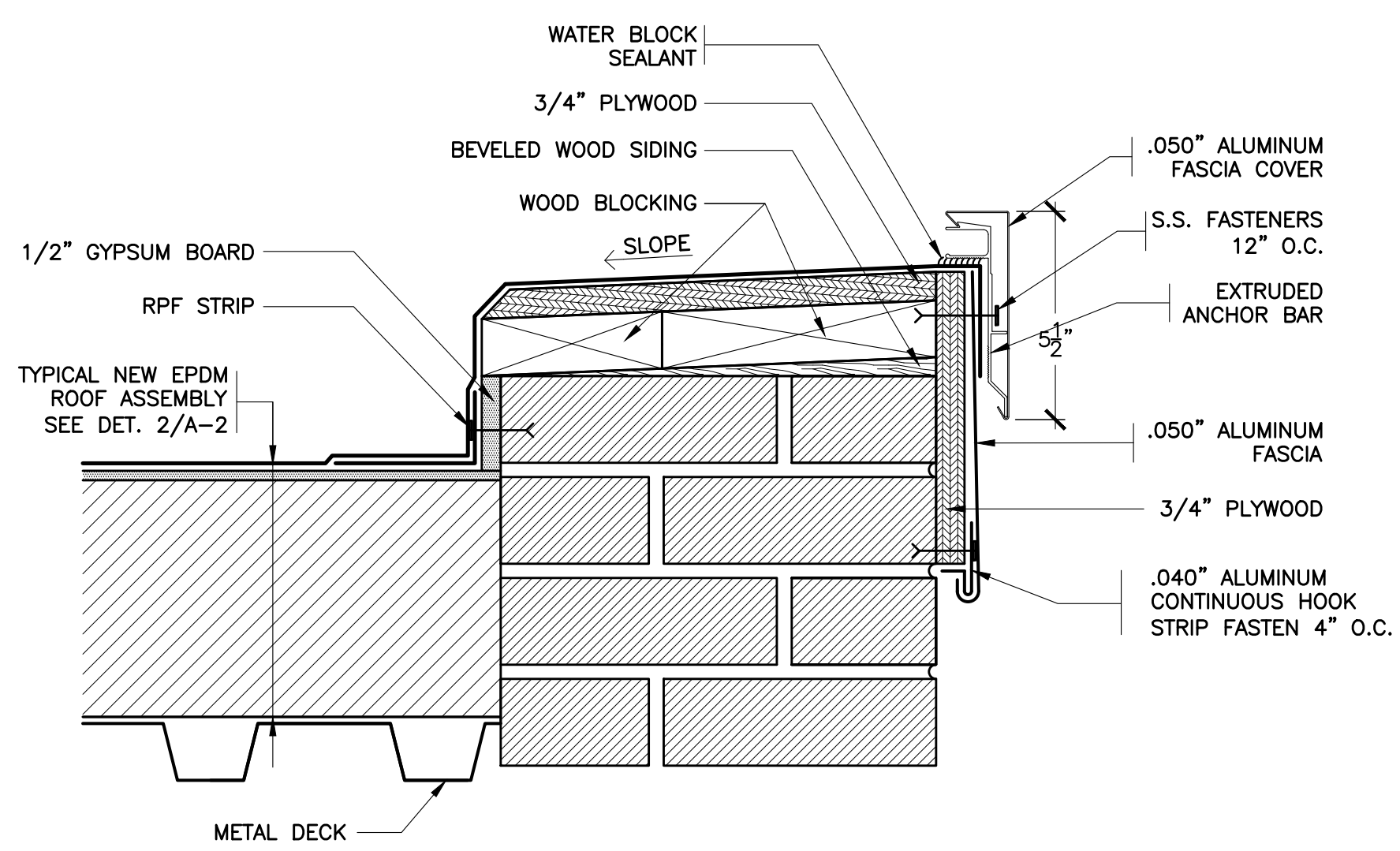
5 EXISTING BASE
SCALE: 0" 1" 2" 4" 8"



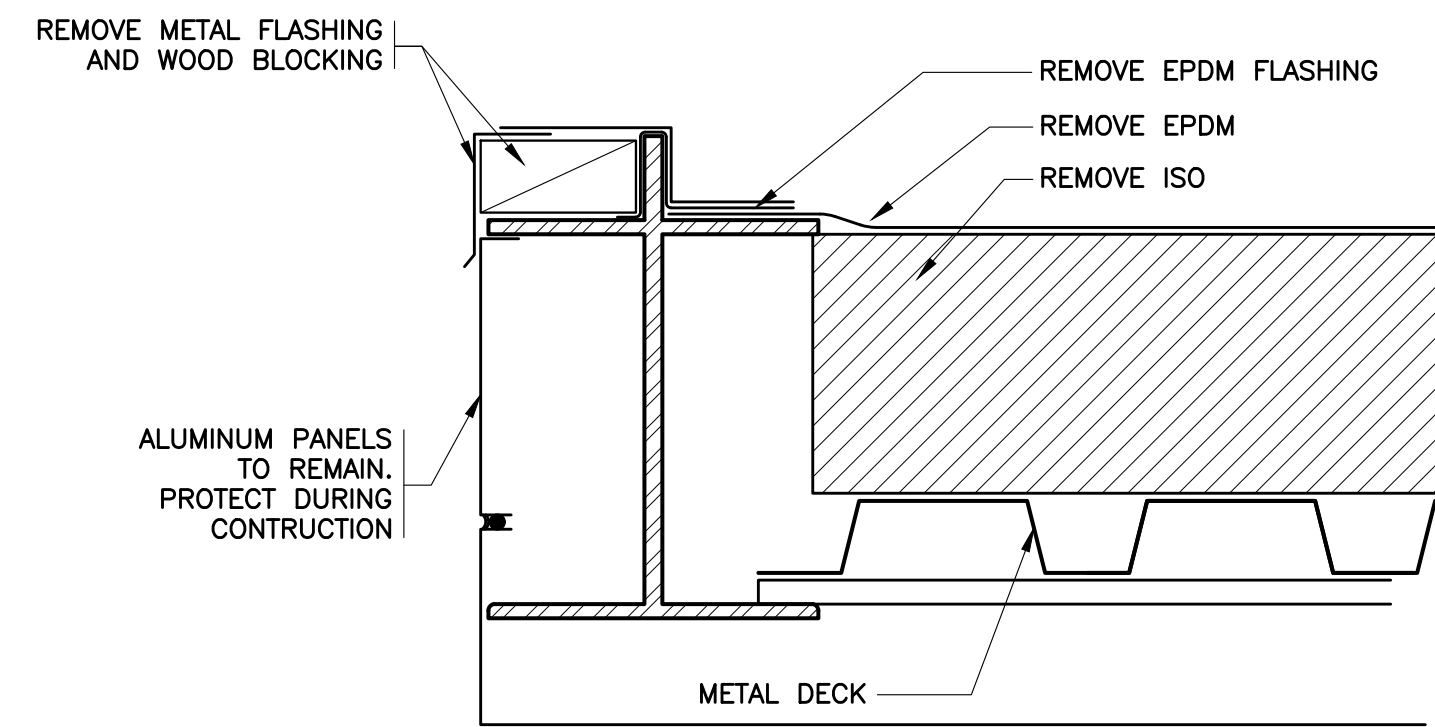
6 REVISED BASE
SCALE: 0" 1" 2" 4" 8"



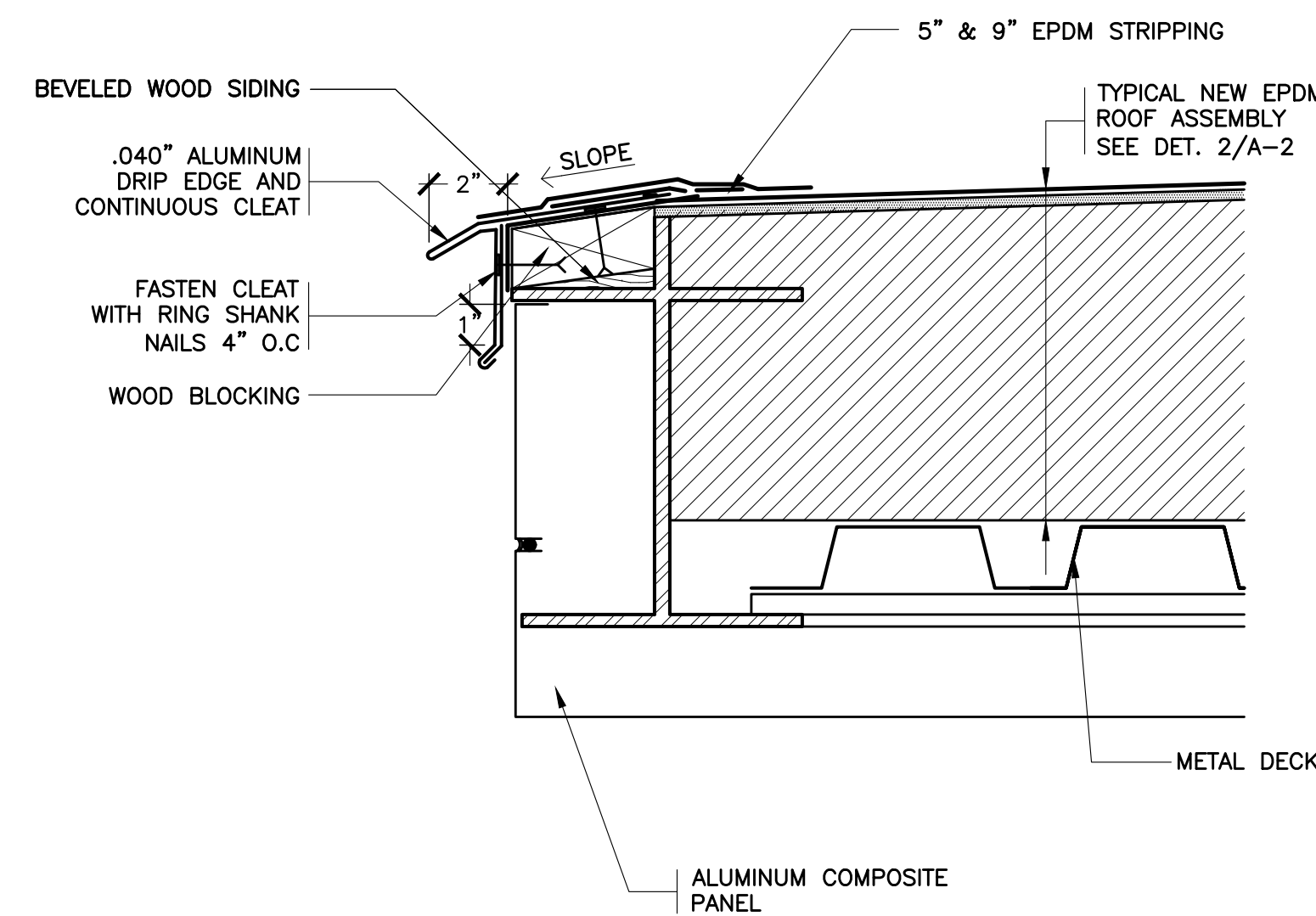
7 EXISTING PARAPET
SCALE: 0" 1" 2" 4" 8"



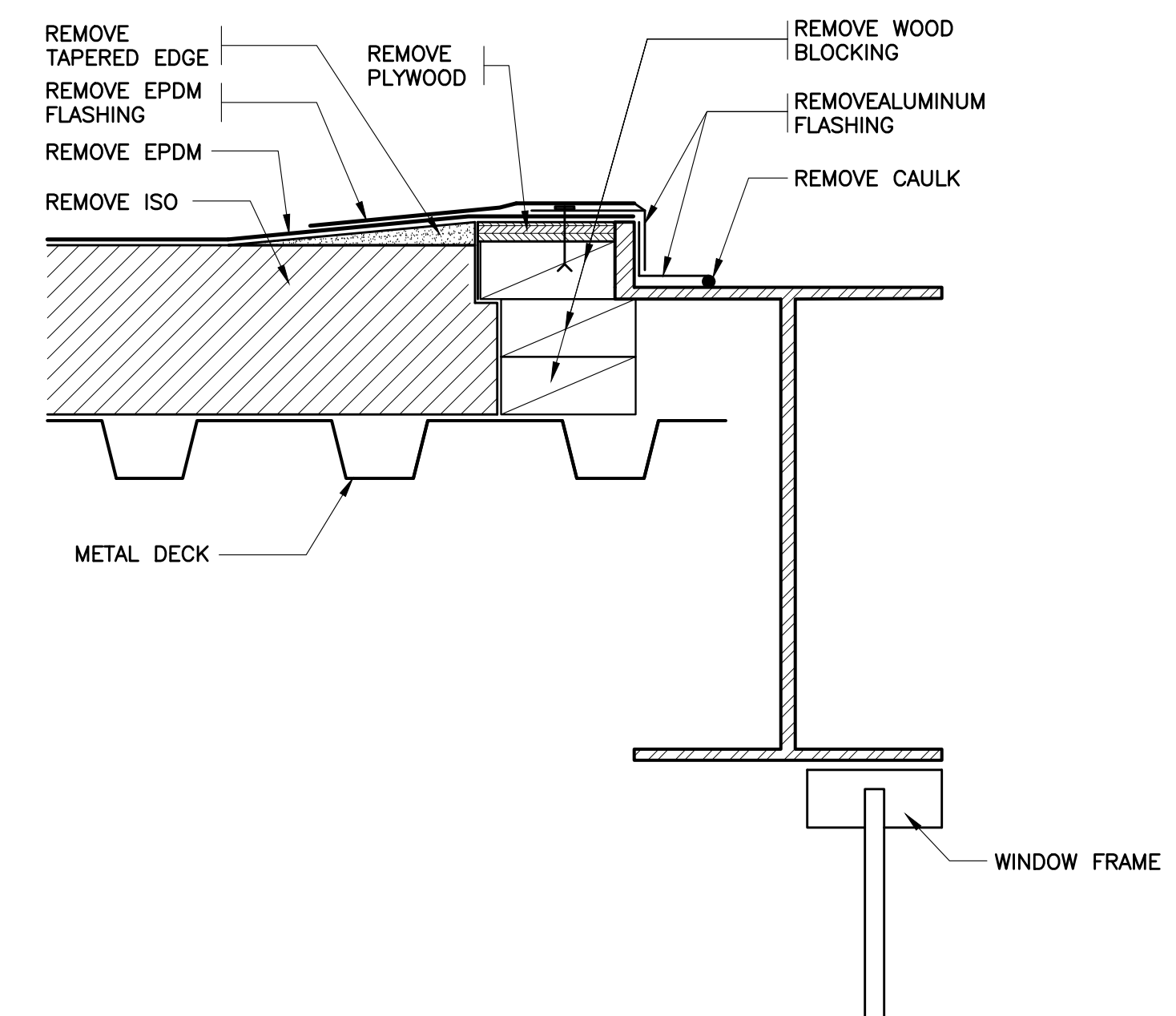
8 REVISED PARAPET
SCALE: 0" 1" 2" 4" 8"



9 EXISTING EAVE
SCALE: 0" 1" 2" 4" 8"



10 REVISED EAVE
SCALE: 0" 1" 2" 4" 8"



11 EXISTING EAVE
SCALE: 0" 1" 2" 4" 8"

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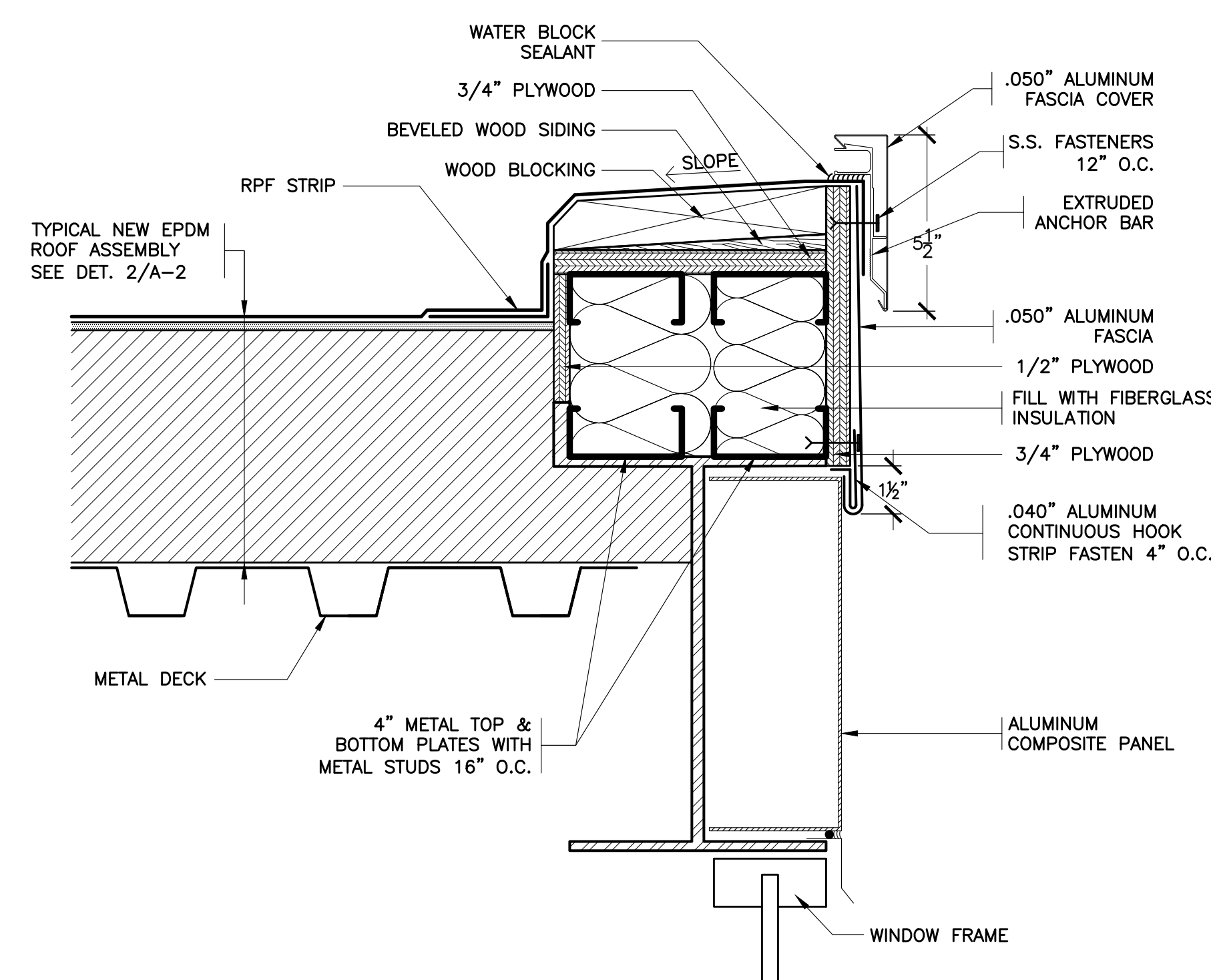
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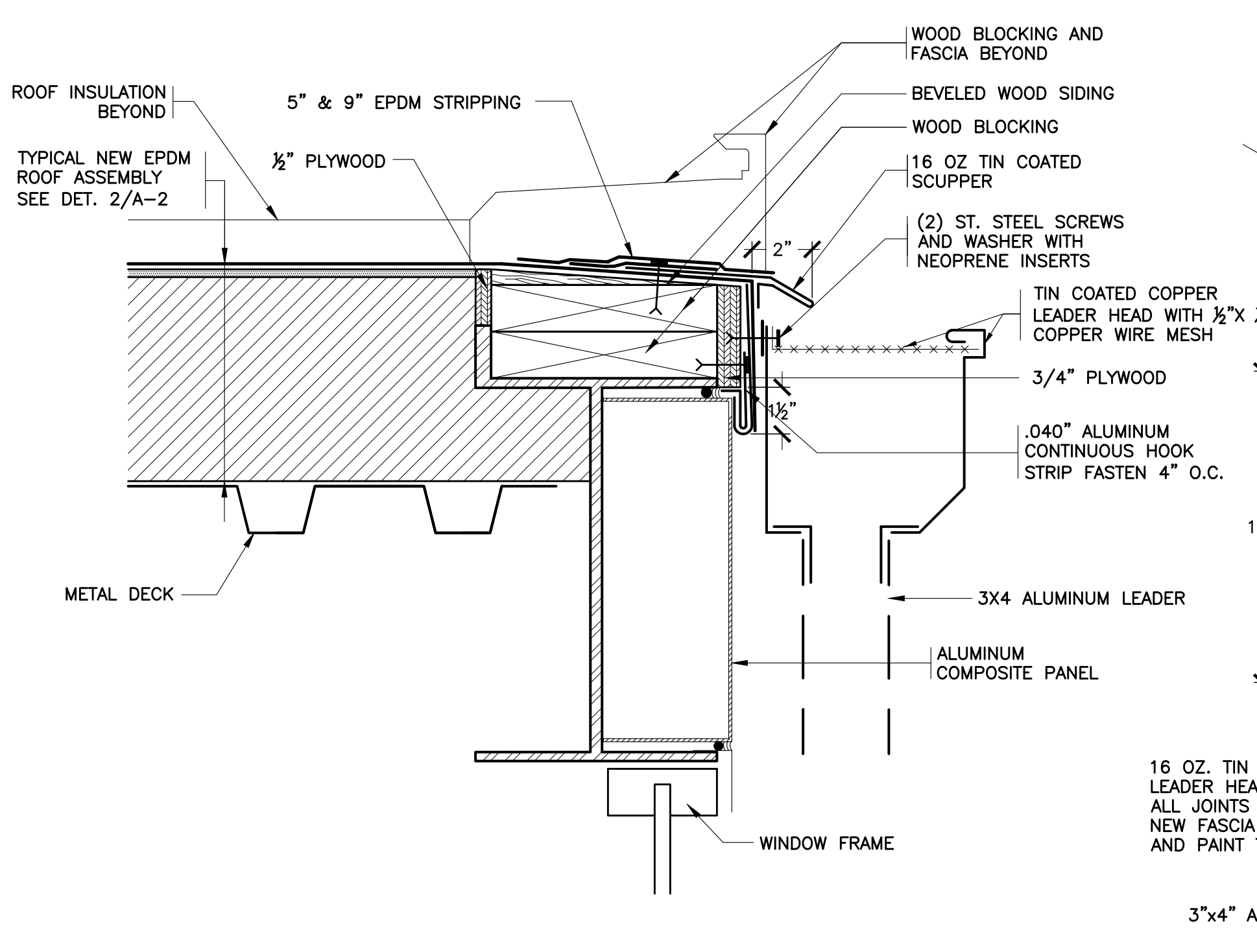
S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY
66-04-06-03-008-024

PROJECT TITLE
EDGE MOUNT UNION FREE SCHOOL DISTRICT
MRP ROOF, WINDOW REPLACEMENT AND
RELATED WORK
100 OLIVERDALE RD., SCARSDALE, NY 10583
DRAWING TITLE
DRAWING NUMBER

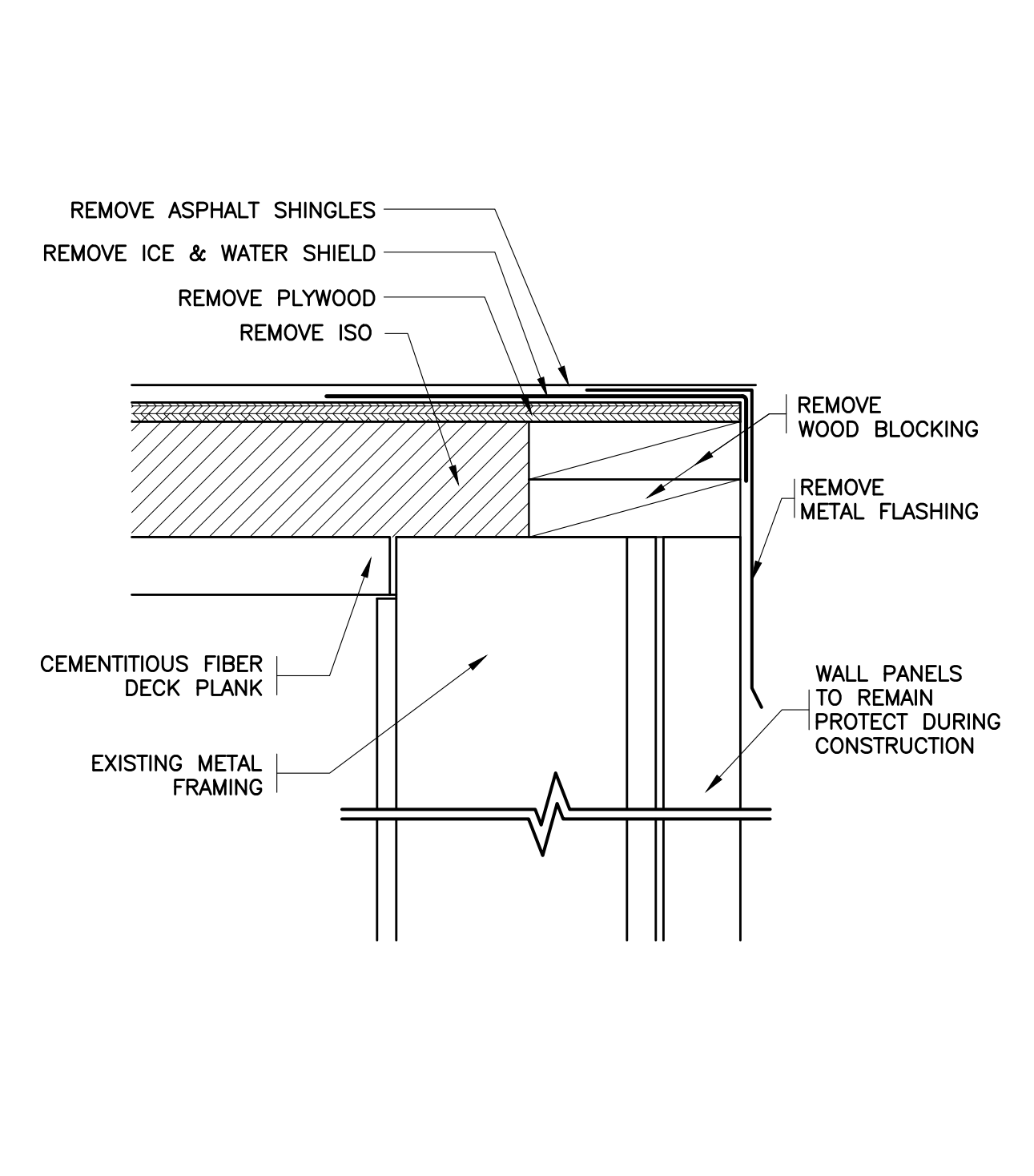
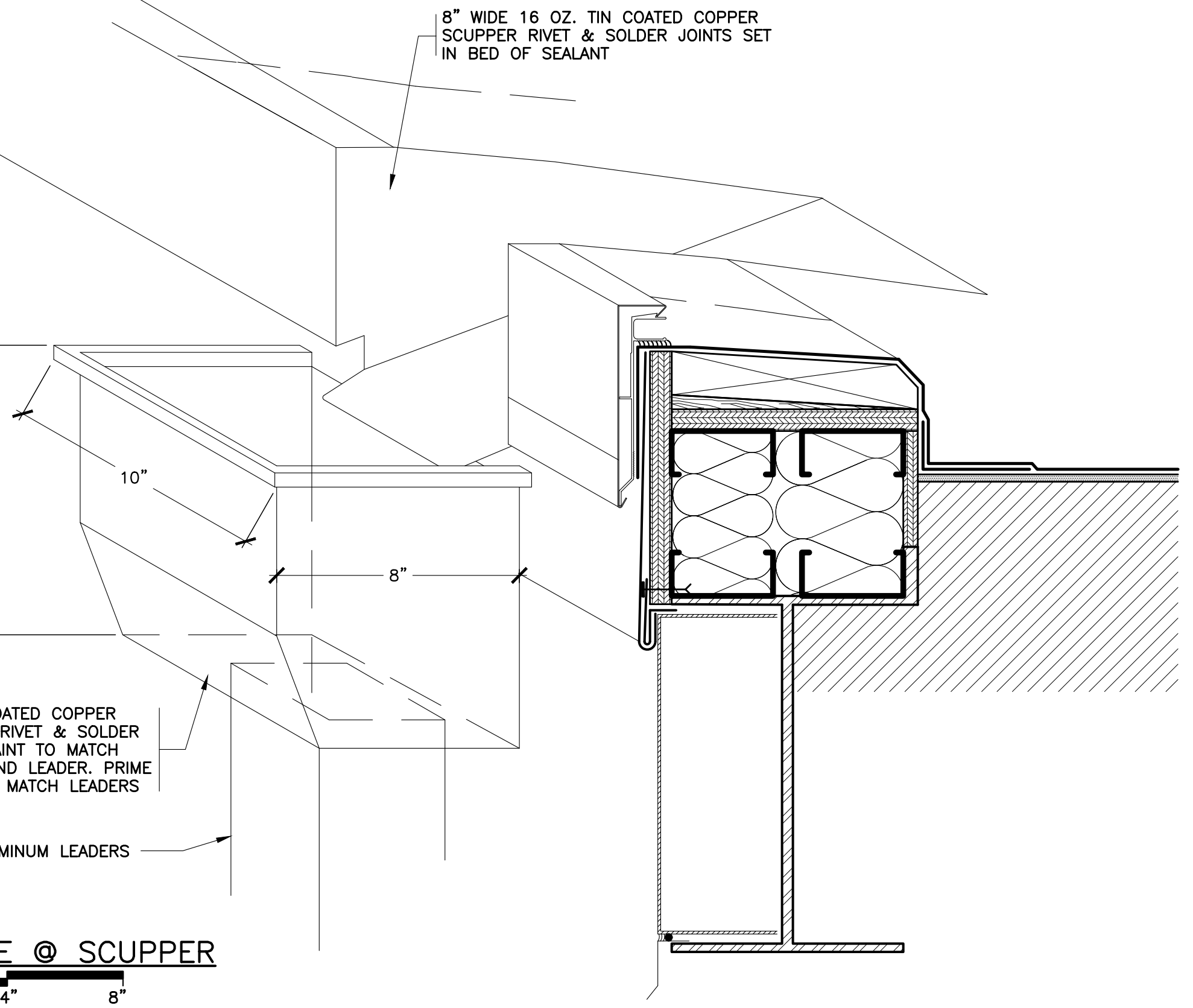
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|------------|-------------------|
| 02-17-2026 | ADDENDUM 2 |
| 01-21-2026 | BID |
| 10-01-2025 | S.E.D. SUBMISSION |
| DATE | ISSUED TO |
| SCALE | DRAWING NO. |
| AS NOTED | |
| DRAWN BY | F & D |
| CHECKED BY | F & D |
| FILE NO. | 24533.00 |



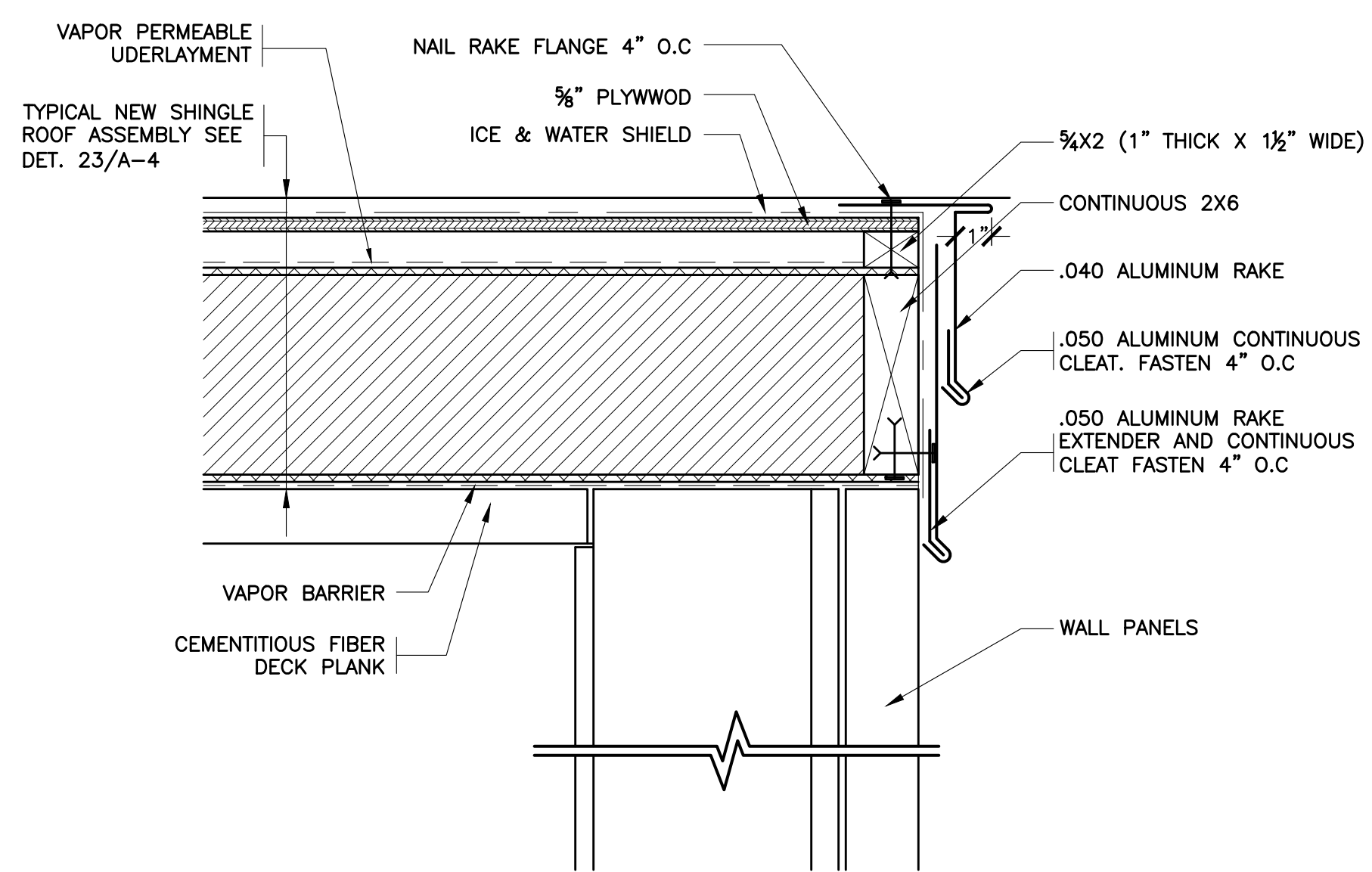
12 REVISED EAVE
SCALE: 0" 1" 2" 4" 8"



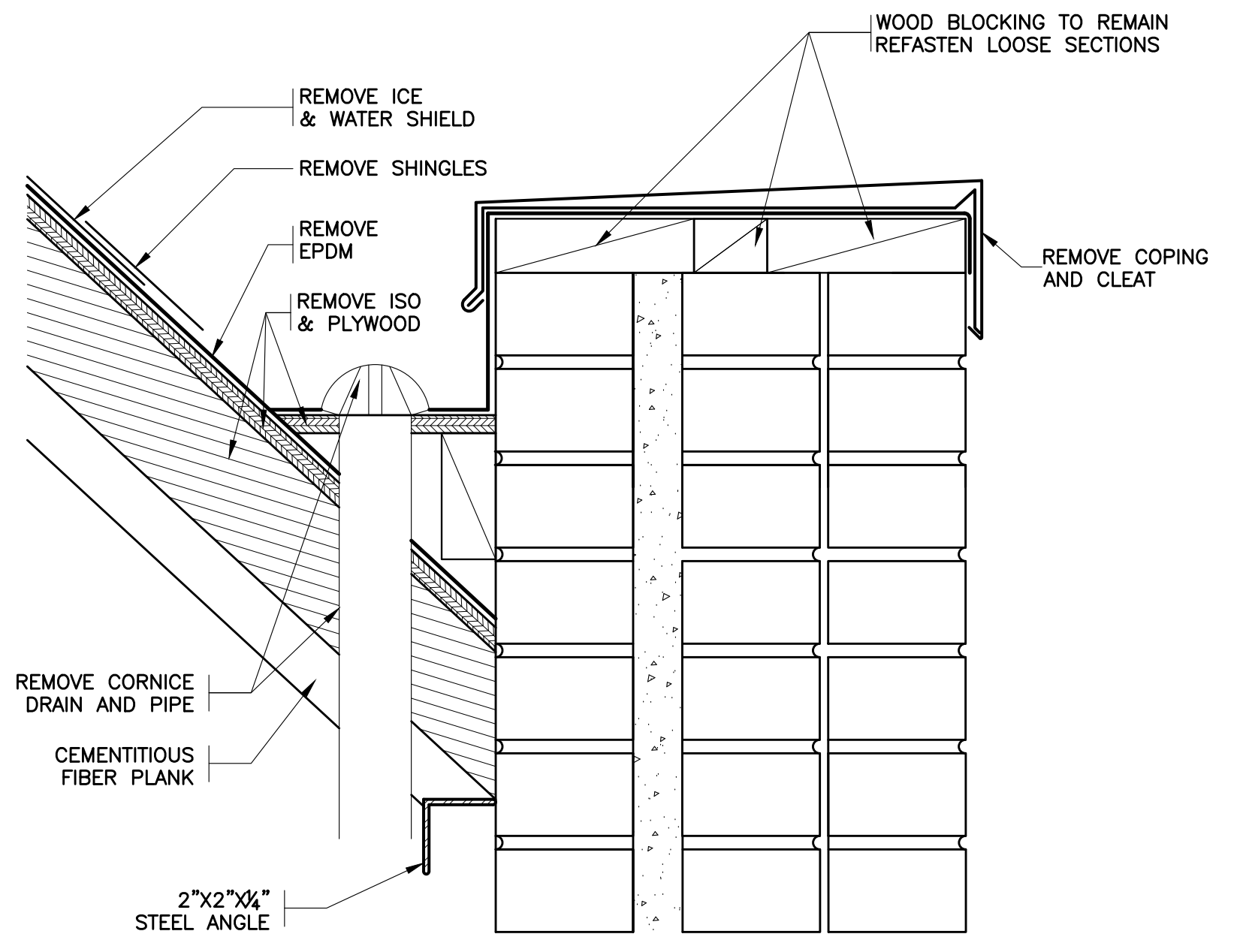
13 REVISED EAVE @ SCUPPER
SCALE: 0" 1" 2" 4" 8"



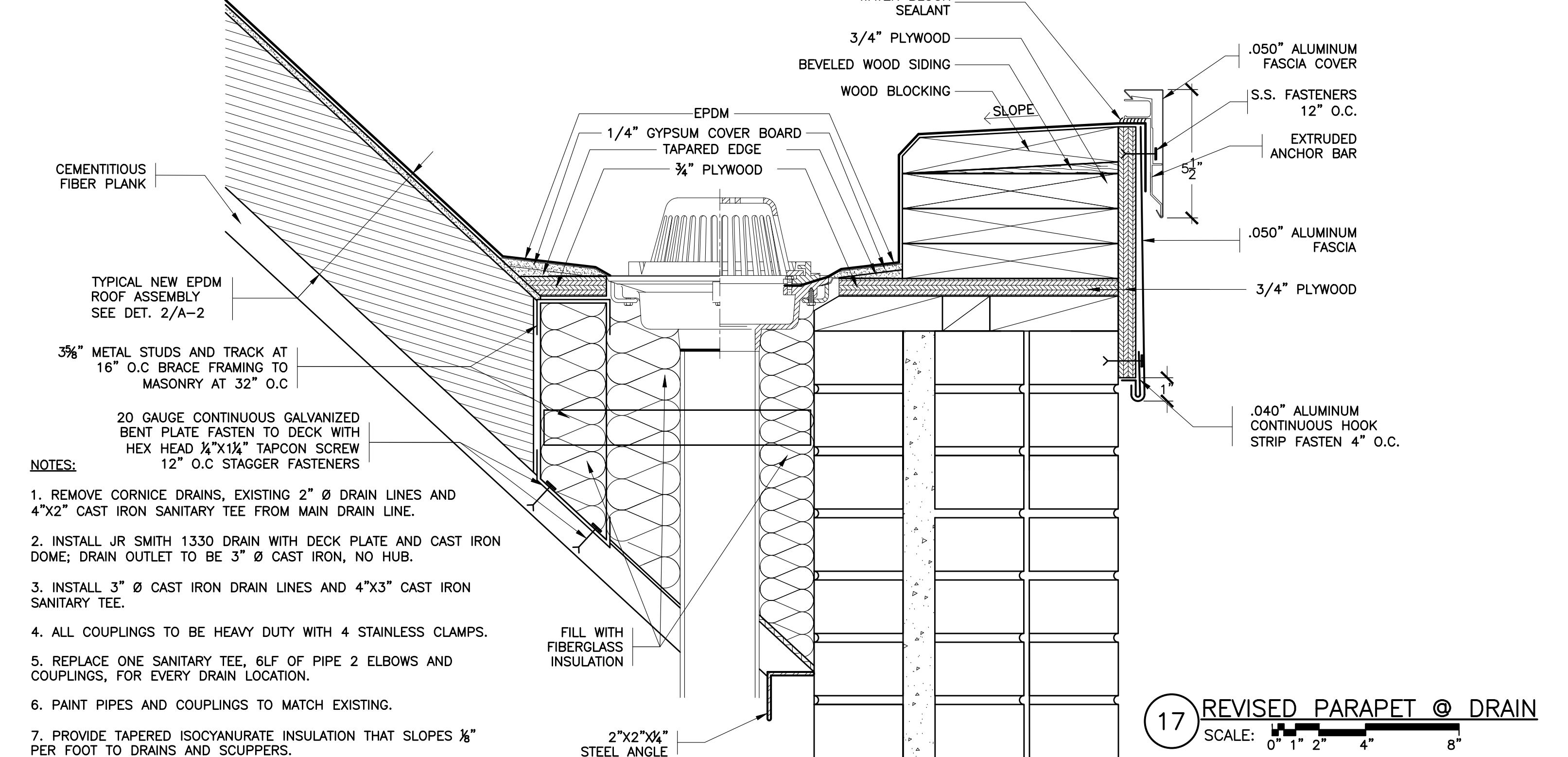
14 EXISTING RAKE
SCALE: 0" 1" 2" 4" 8"



15 REVISED RAKE
SCALE: 0" 1" 2" 4" 8"

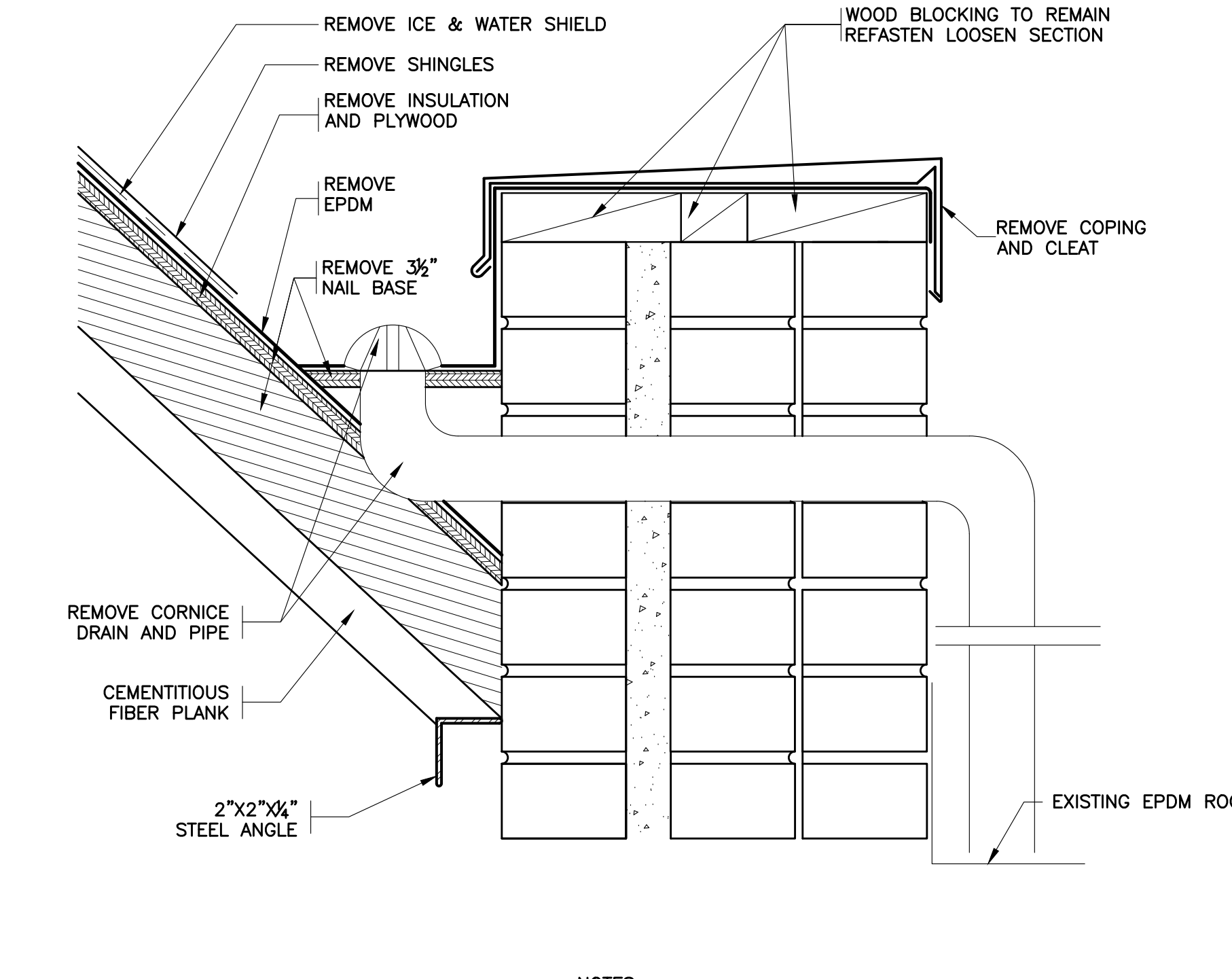


16 EXISTING PARAPET @ DRAIN
SCALE: 0" 1" 2" 4" 8"



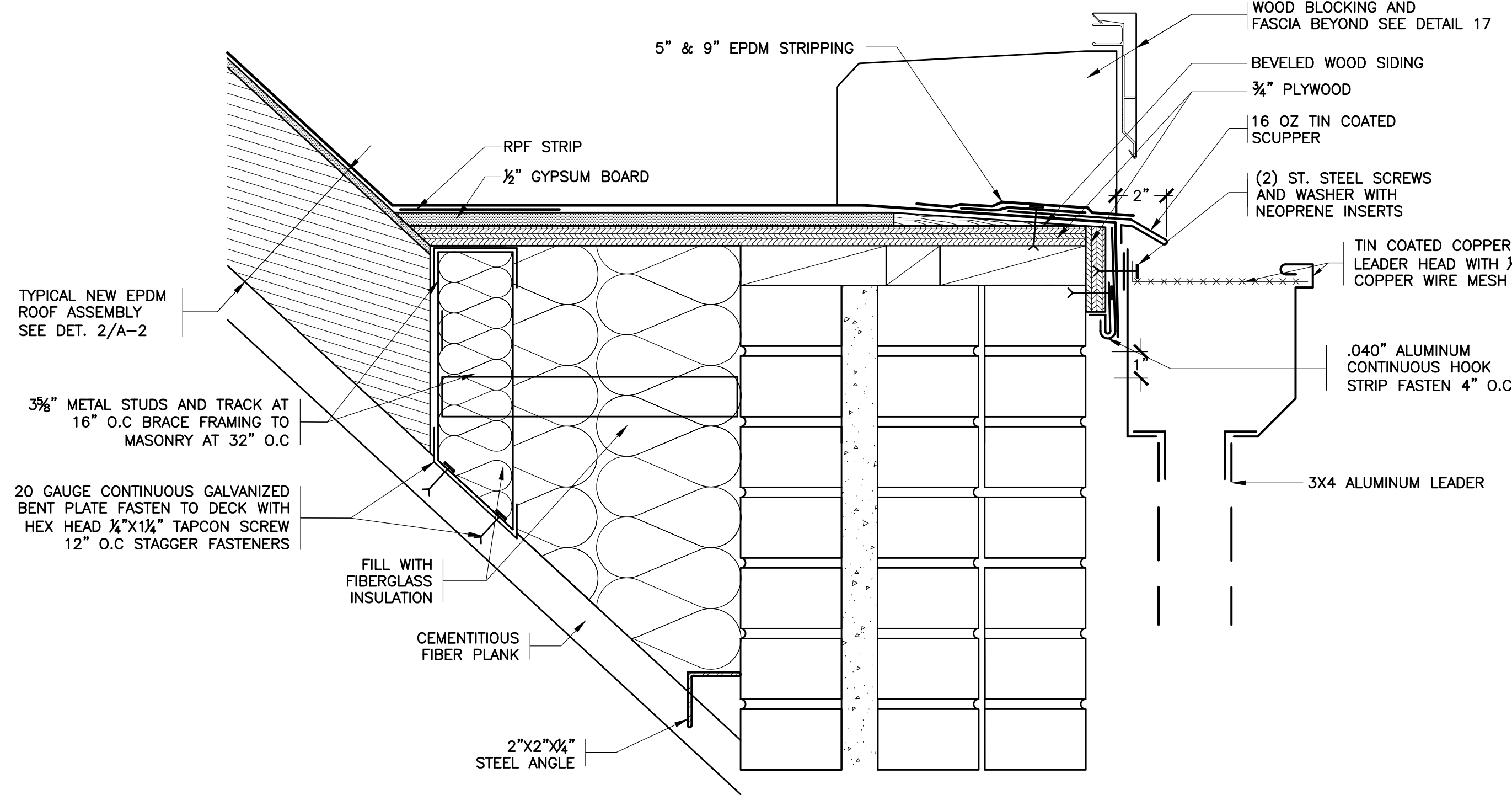
17 REVISED PARAPET @ DRAIN
SCALE: 0" 1" 2" 4" 8"

- NOTES:
1. REMOVE CORNICE DRAINS, EXISTING 2" Ø DRAIN LINES AND 4"x2" CAST IRON SANITARY TEE FROM MAIN DRAIN LINE.
 2. INSTALL JR SMITH 1330 DRAIN WITH DECK PLATE AND CAST IRON DOME; DRAIN OUTLET TO BE 3" Ø CAST IRON, NO HUB.
 3. INSTALL 3" Ø CAST IRON DRAIN LINES AND 4"x3" CAST IRON SANITARY TEE.
 4. ALL COUPLINGS TO BE HEAVY DUTY WITH 4 STAINLESS CLAMPS.
 5. REPLACE ONE SANITARY TEE, 6LF OF PIPE 2 ELBOWS AND COUPLINGS, FOR EVERY DRAIN LOCATION.
 6. PAINT PIPES AND COUPLINGS TO MATCH EXISTING.
 7. PROVIDE TAPERED ISOCYANURATE INSULATION THAT SLOPES 1/4" PER FOOT TO DRAINS AND SCUPPERS.
 8. INSTALL 1/4" THICK GYPSUM BOARD OVER INSULATION USING LOW RISE FOAM ADHESIVE.



- NOTES:
1. REPLACE DAMAGED BRICK IN-KIND AT PIPE REMOVAL LOCATIONS

18 EXISTING PARAPET @ DRAIN SCUPPER
SCALE: 0" 1" 2" 4" 8"



- NOTES:
1. PROVIDE TAPERED ISOCYANURATE INSULATION THAT SLOPES 1/4" PER FOOT TO DRAINS AND SCUPPERS.
 2. INSTALL 1/4" THICK GYPSUM BOARD OVER INSULATION USING LOW RISE FOAM ADHESIVE.

19 REVISED PARAPET @ SCUPPER
SCALE: 0" 1" 2" 4" 8"

- NOTE:
1. AT OVERFLOW SCUPPER OMIT LEADER HEAD AND LEADER

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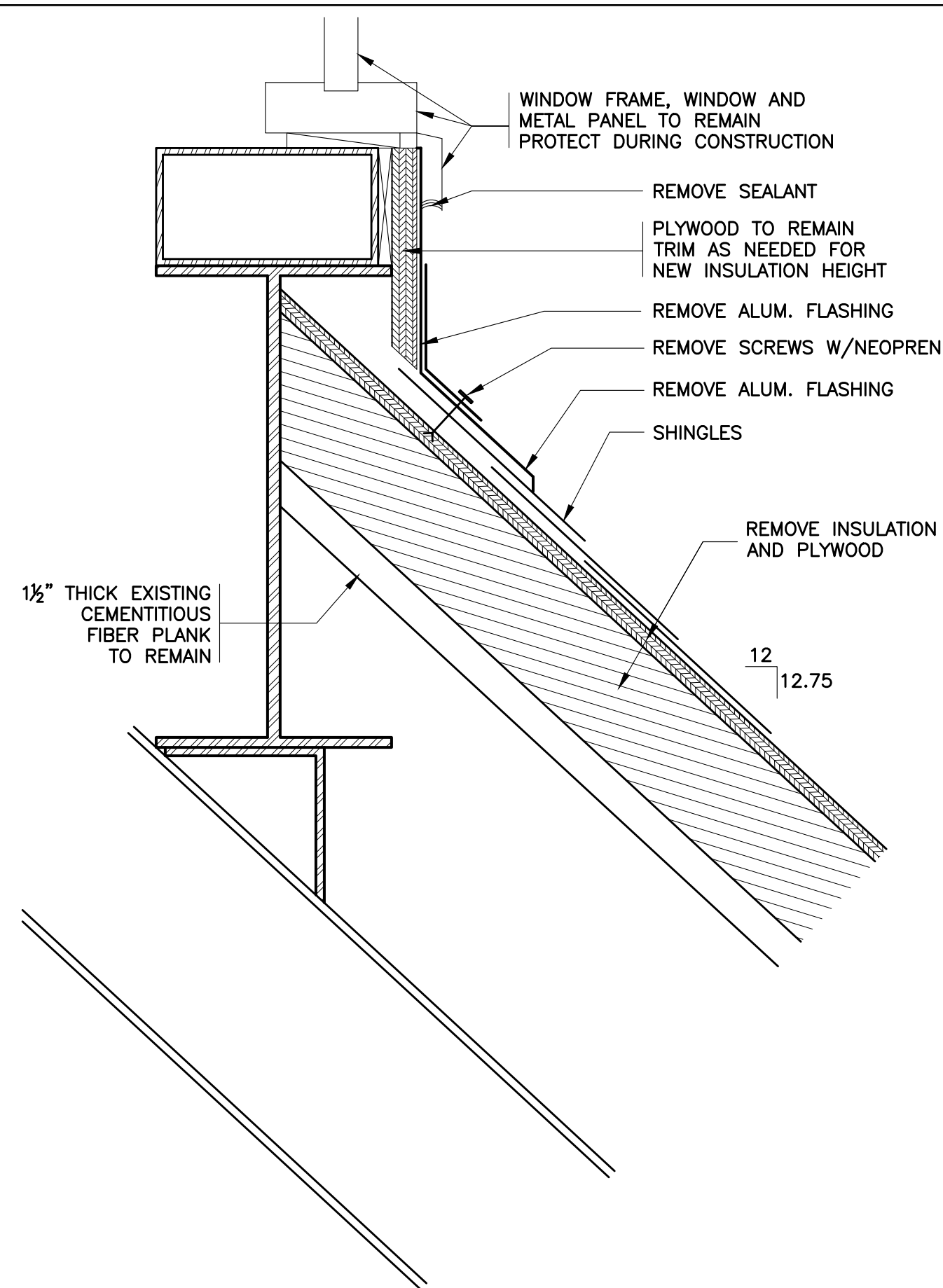
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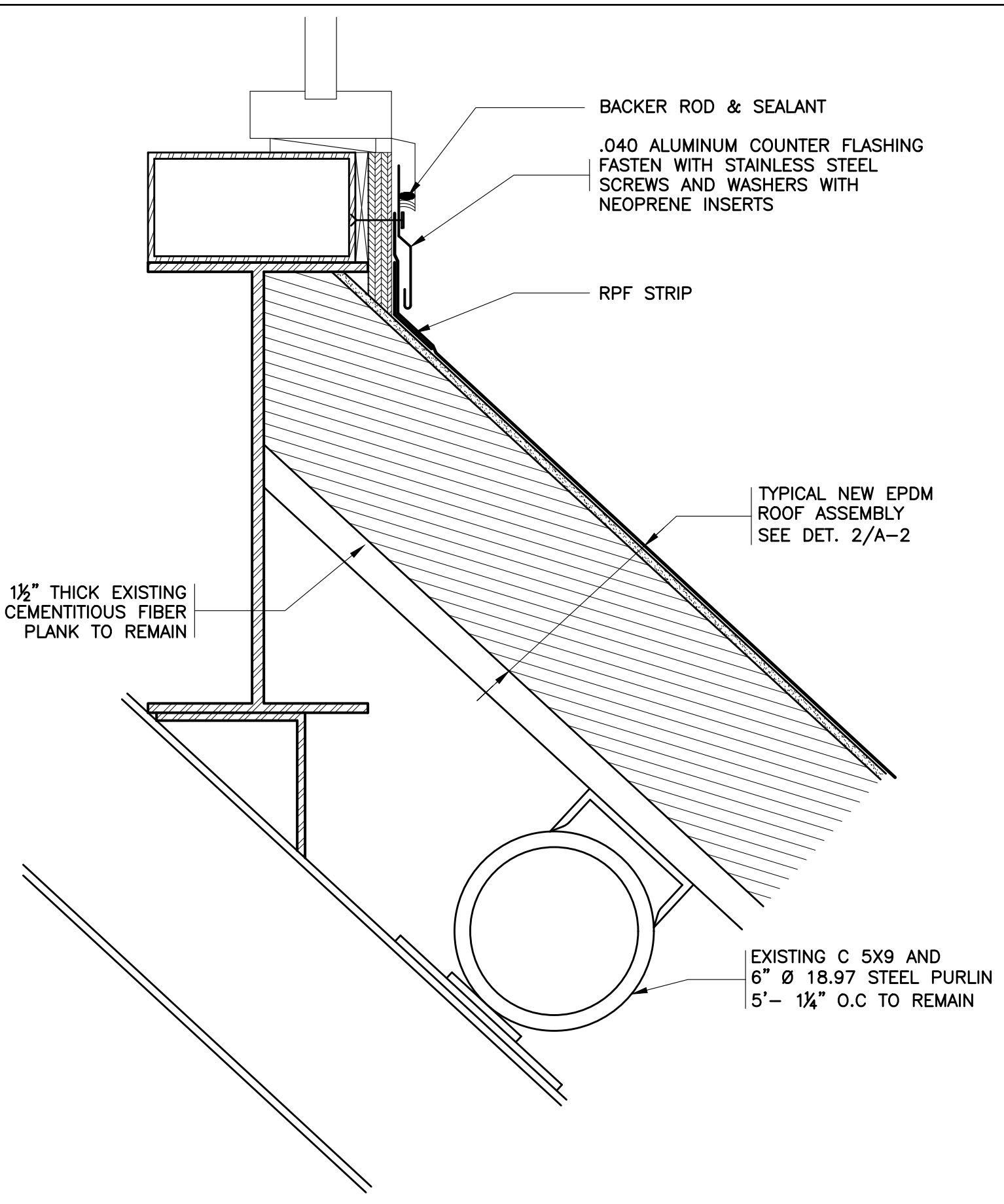
S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY
66-04-06-03-008-024

PROJECT TITLE:
EDMONT UNION FREE SCHOOL DISTRICT
MRP ROOF, WINDOW REPLACEMENT AND
RELATED WORK
100 GLENDALE RD., SCARSDALE, NY 10583
DRAWING TITLE

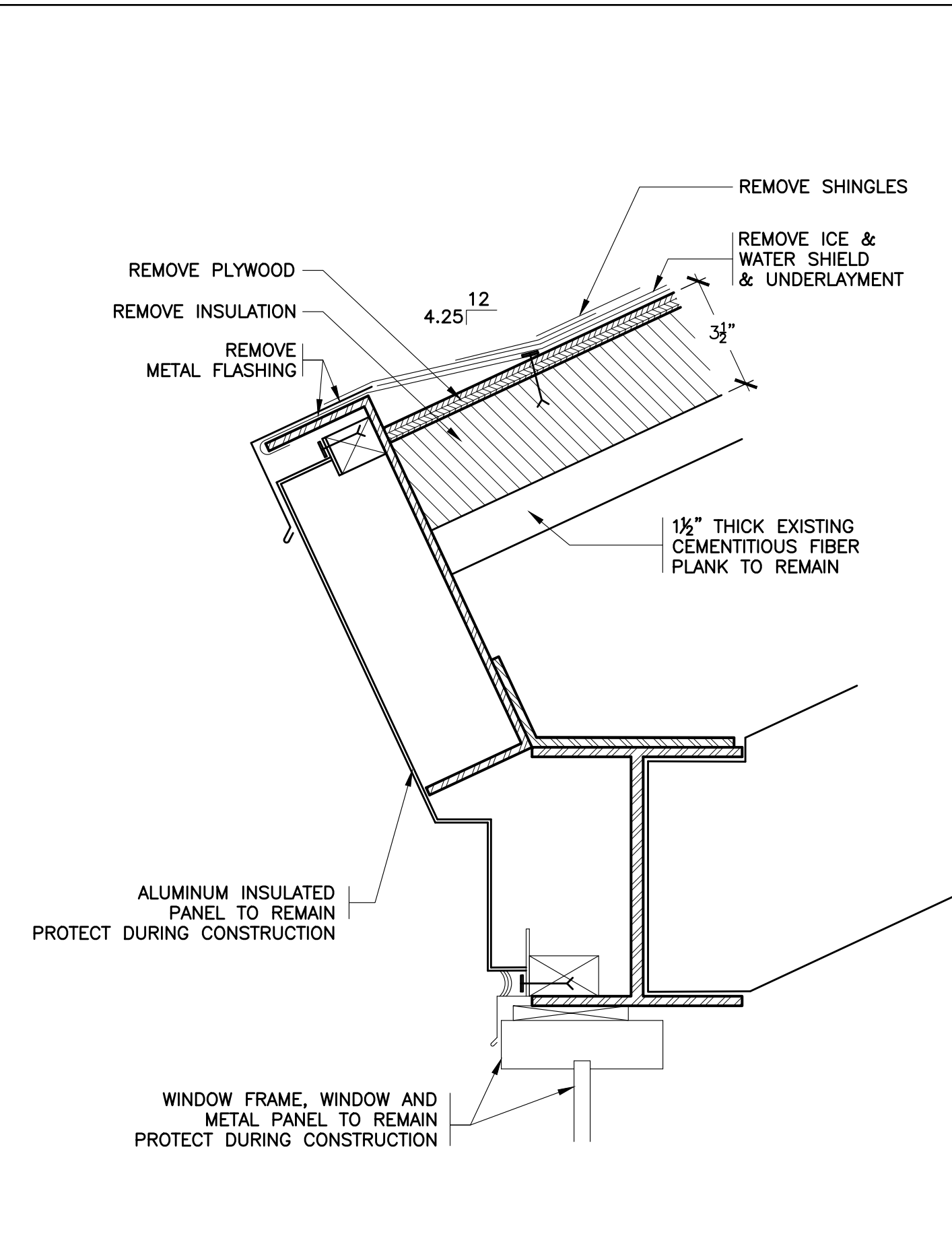
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|------------|-------------------|
| 02-17-2026 | ADDENDUM 2 |
| 01-21-2026 | BID |
| 10-01-2025 | S.E.D. SUBMISSION |
| DATE | ISSUED TO |
| SCALE | DRAWING NO. |
| AS NOTED | A-3 |
| DRAWN BY | F & D |
| CHECKED BY | F & D |
| FILE NO. | 24533.00 |



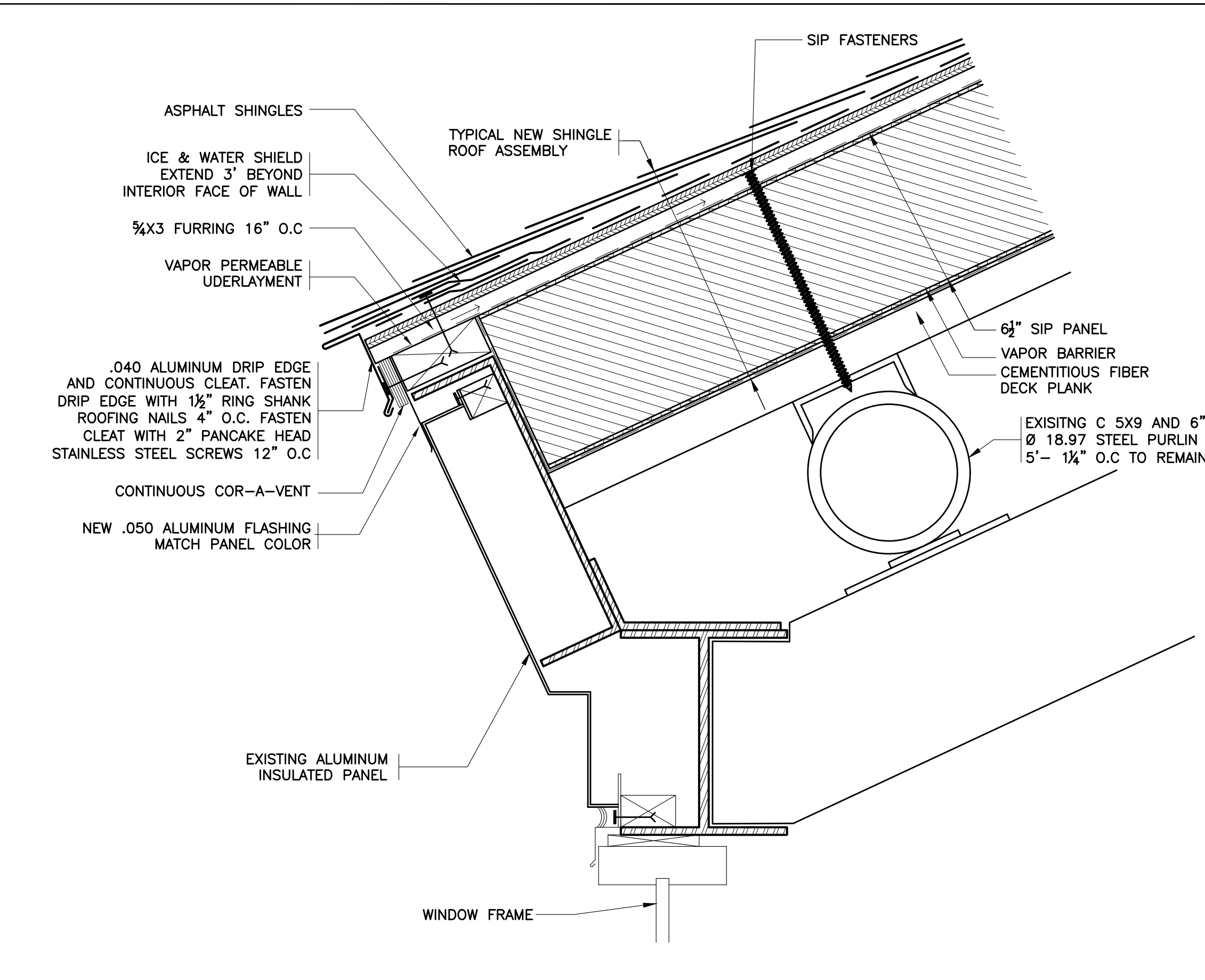
20 EXISTING WINDOW SILL
SCALE: 0" 1" 2" 4" 8"



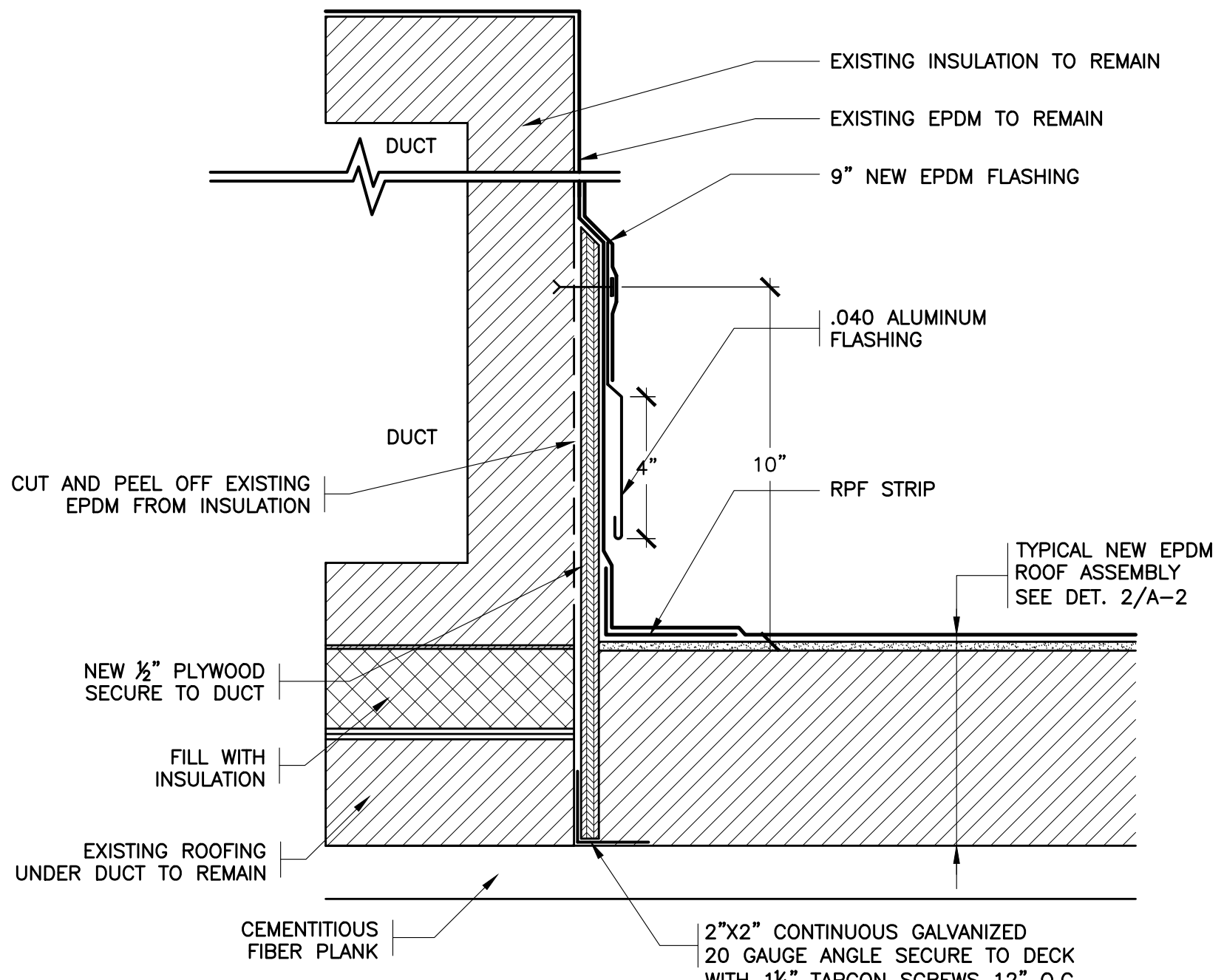
21 REVISED WINDOW SILL
SCALE: 0" 1" 2" 4" 8"



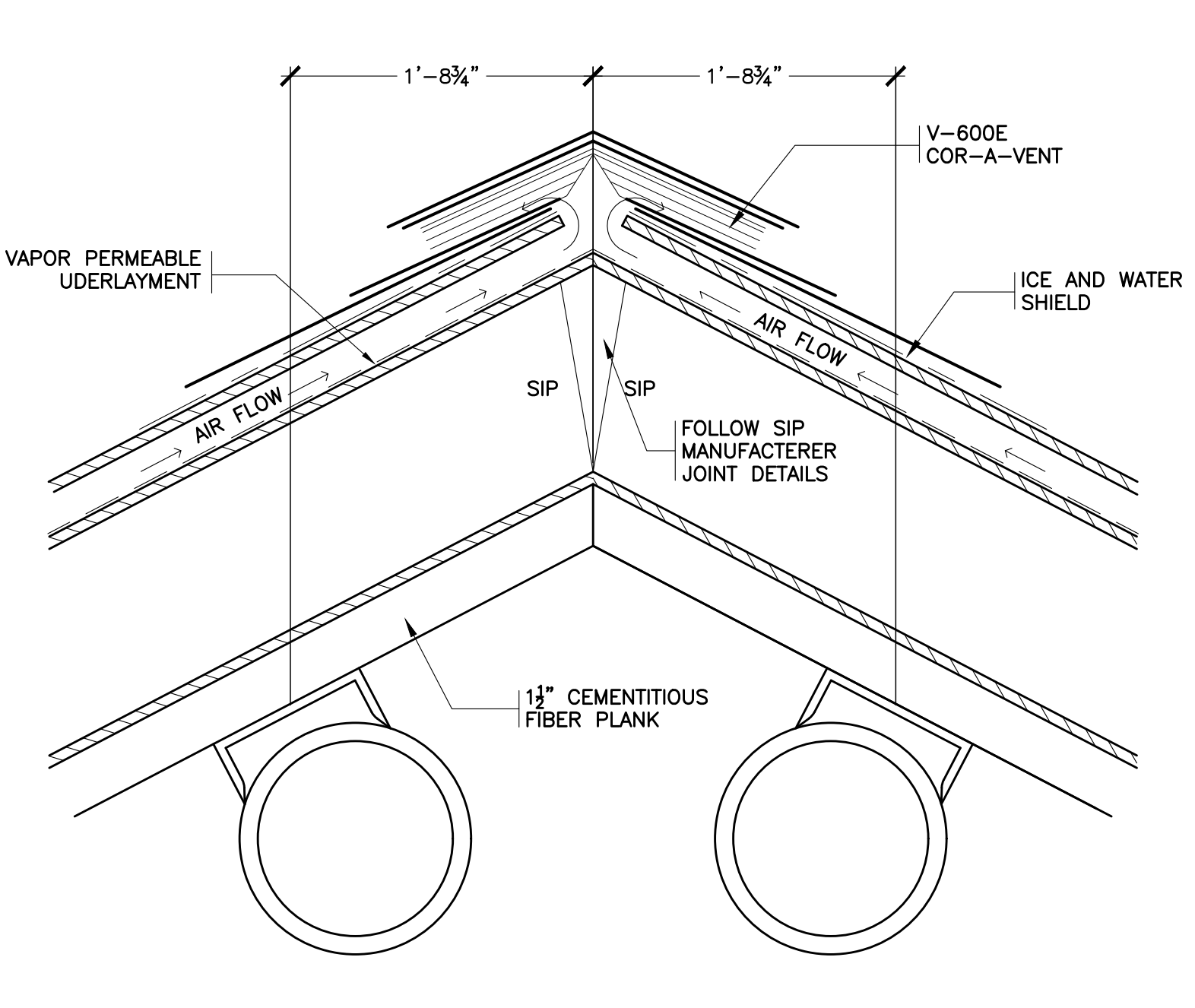
22 EXISTING WINDOW TRANSITION
SCALE: 0" 1" 2" 4" 8"



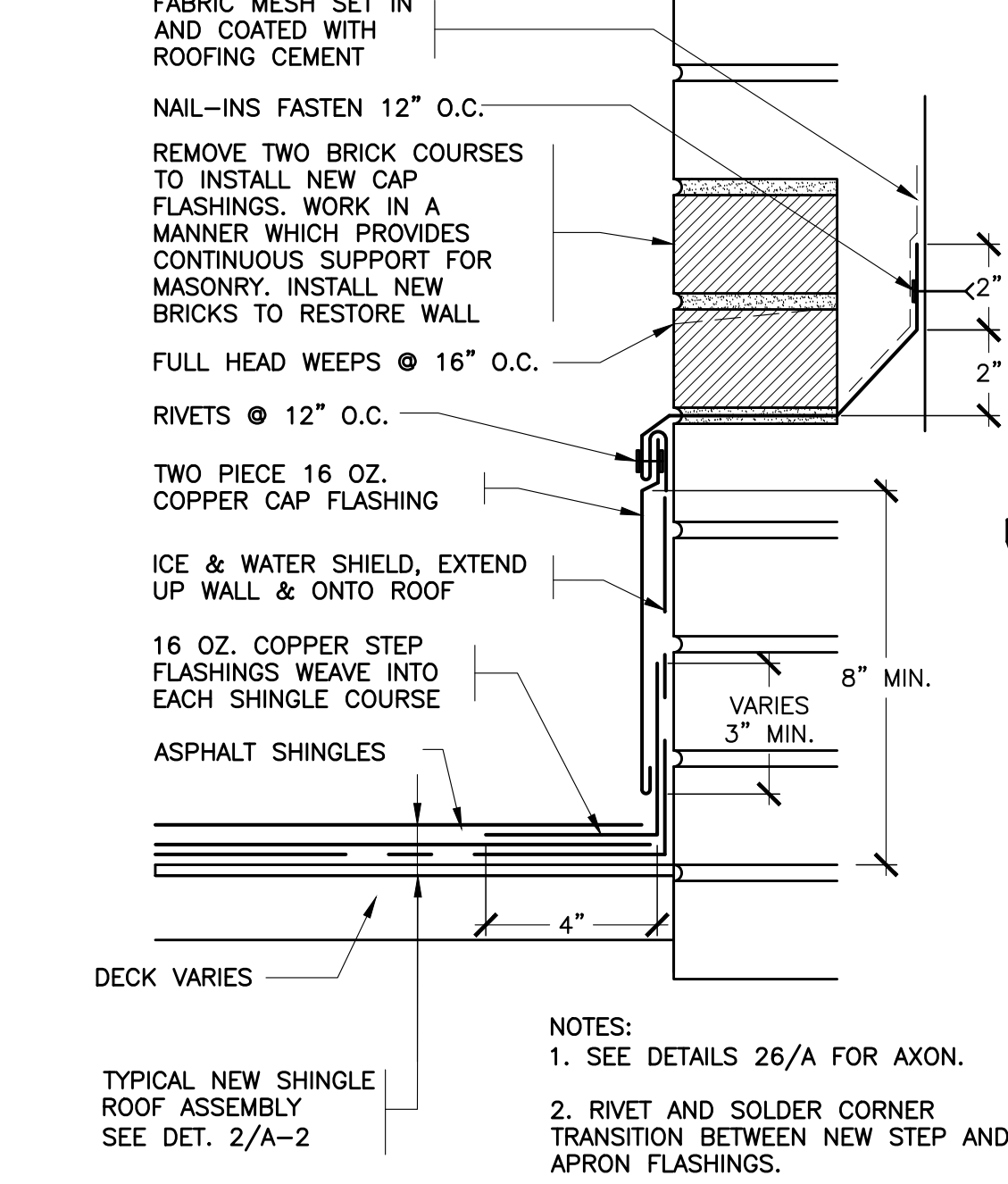
23 REVISED WINDOW TRANSITION
SCALE: 0" 1" 2" 4" 8"



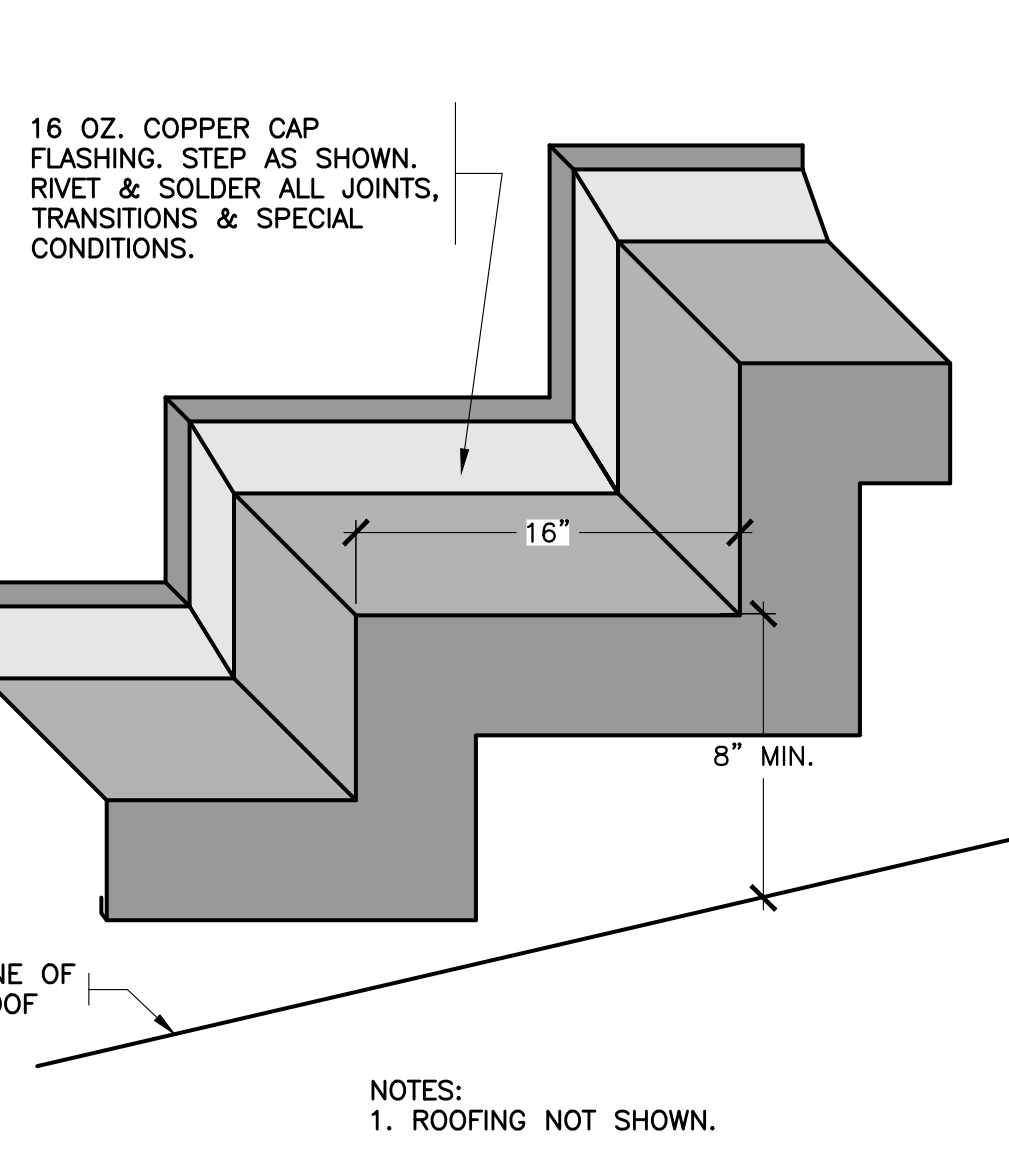
24 TRANSITION @ DUCT
SCALE: 0" 1" 2" 4" 8"



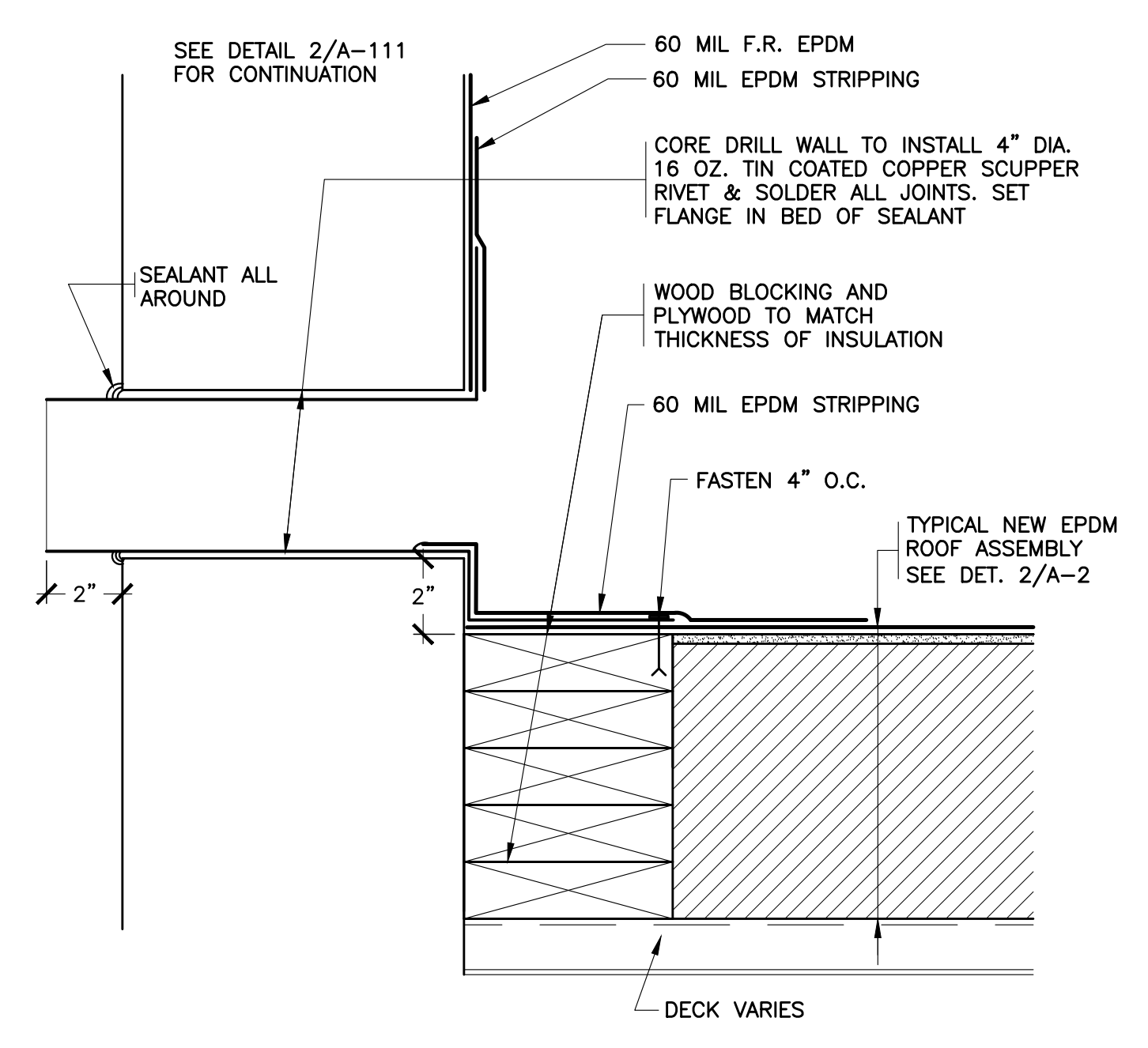
25 REVISED RIDGE VENT
N.T.S.



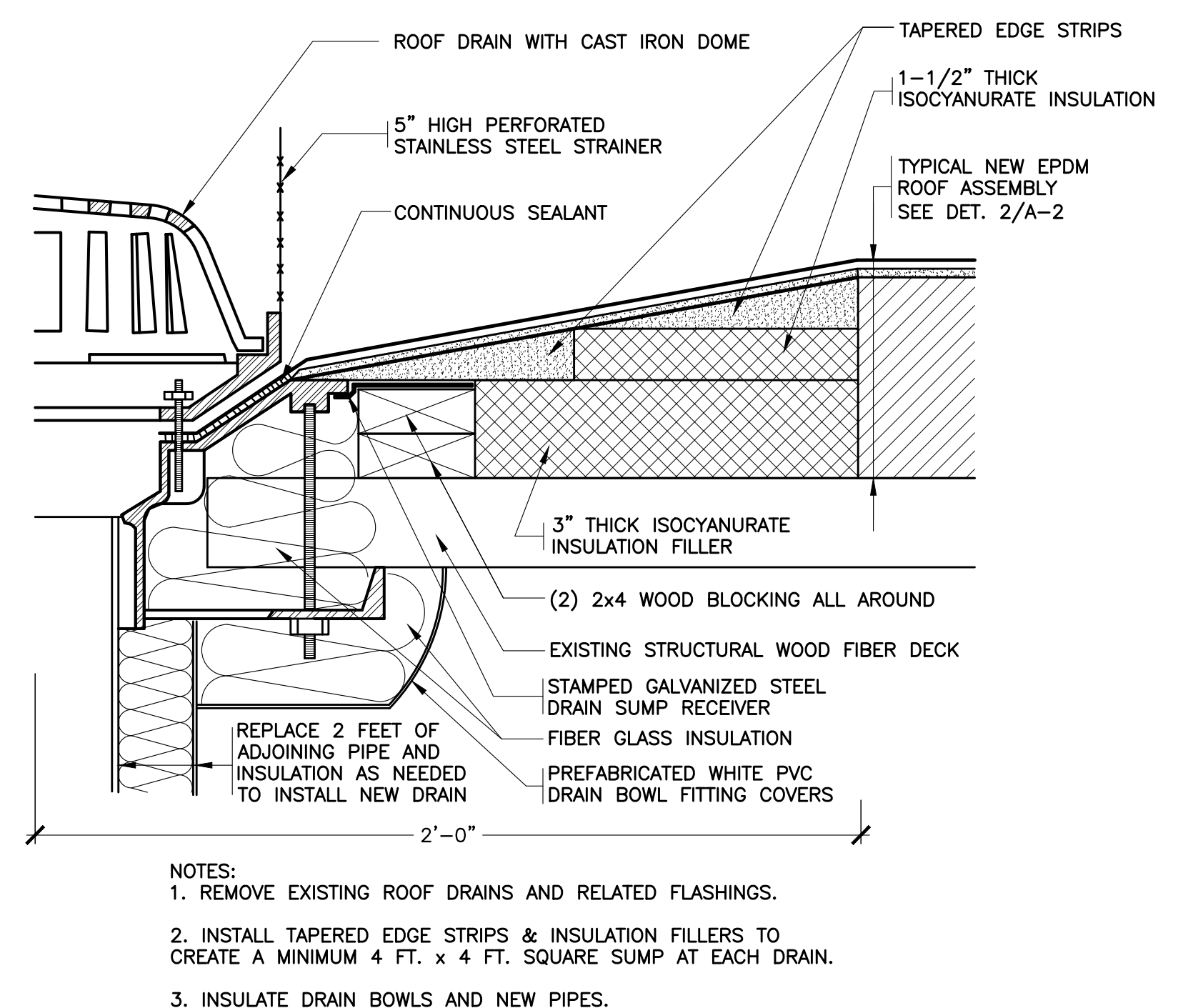
26 REVISED STEP/CAP FLASHINGS
SCALE: 0" 1" 2" 4" 8"



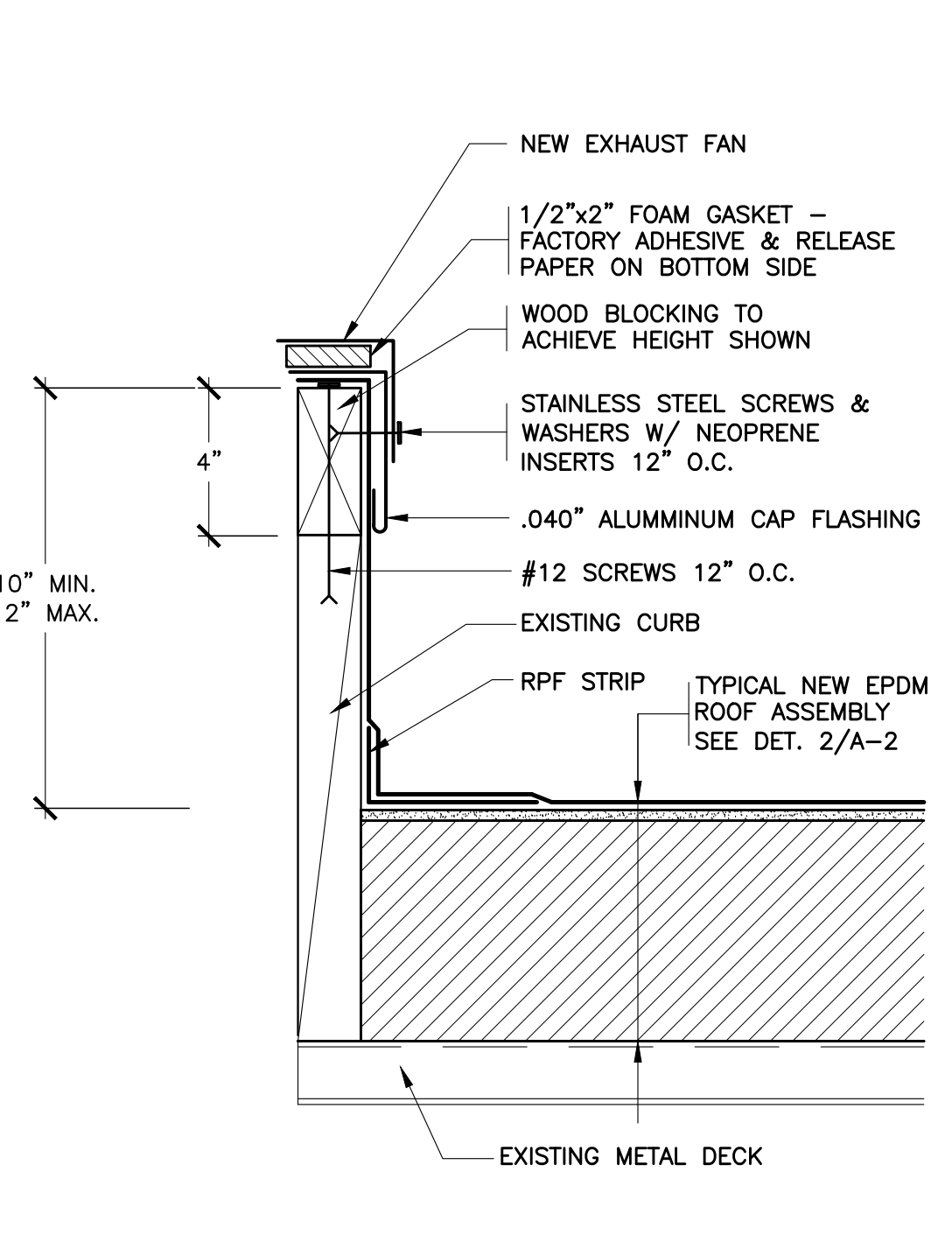
26A CAP FLASHINGS AXON.
SCALE: N.T.S.



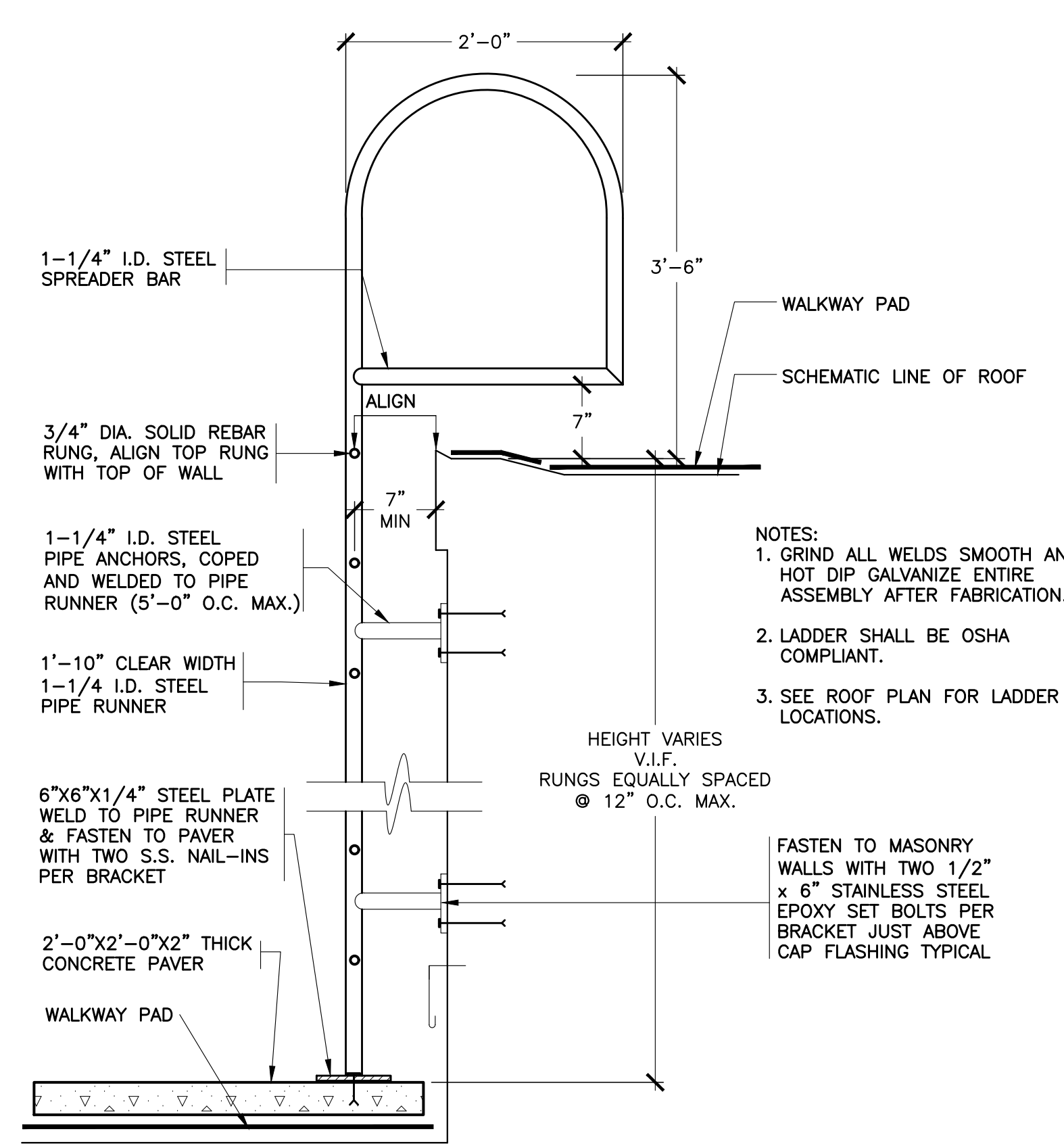
27 REVISED OVERFLOW SCUPPER 2
SCALE: 0" 1" 2" 4" 8"



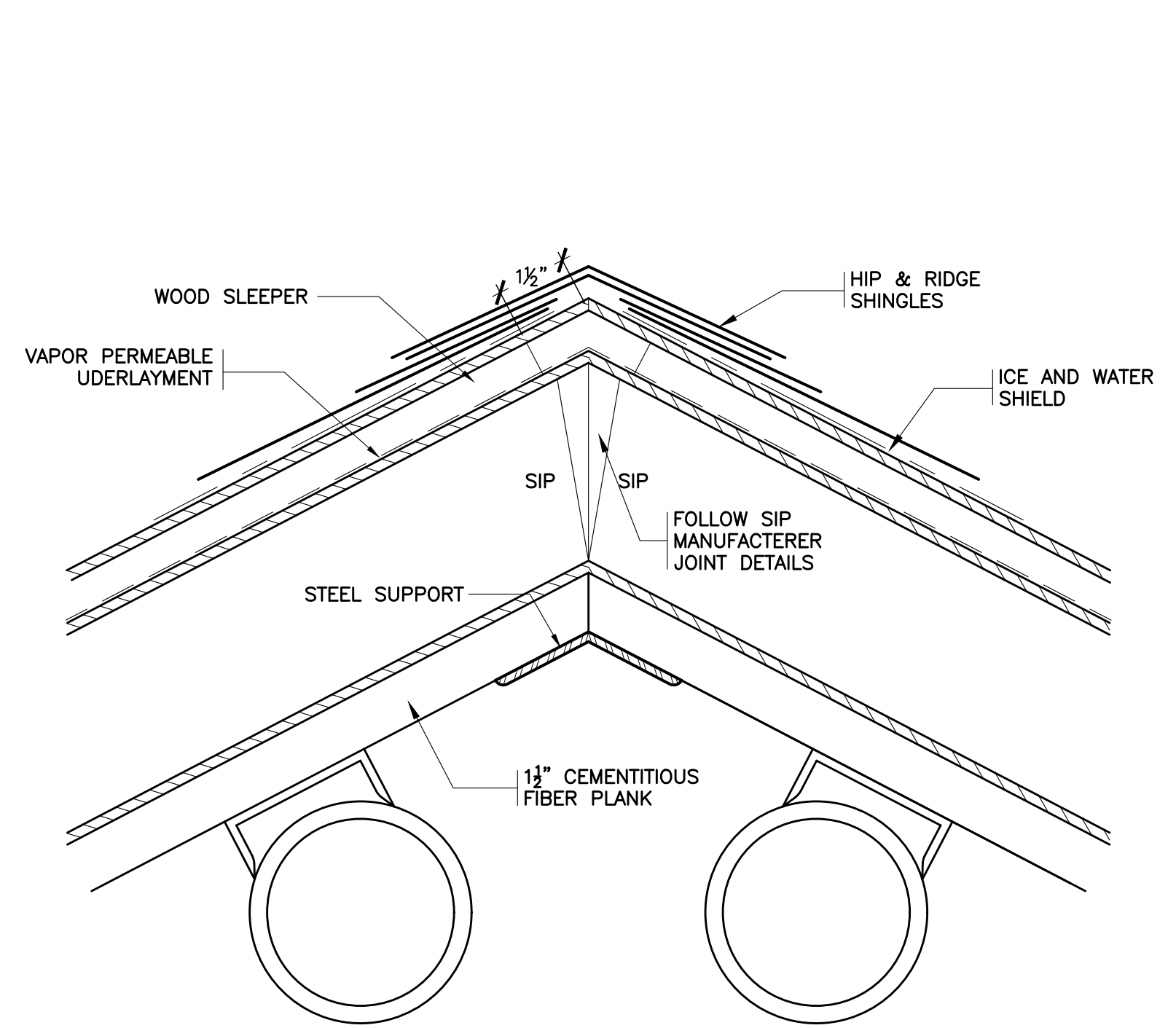
28 REVISED ROOF DRAIN
SCALE: 0" 1" 2" 4" 8"



29 REVISED EXHAUST FAN
SCALE: 0" 1" 2" 4" 8"



30 NEW ROOF LADDER
NOT TO SCALE



31 REVISED HIP
SCALE: 0" 1" 2" 4" 8"

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY
66-04-06-03-008-024

PROJECT TITLE:
EDGE MOUNT UNION FREE SCHOOL DISTRICT
MRP ROOF, WINDOW REPLACEMENT AND
RELATED WORK
100 OLIVERIA RD., SCARSDALE, NY 10583
DRAWING TITLE:
ADDENDUM 2

02-17-2025 ADDENDUM 2
01-21-2026 BID
10-01-2025 S.E.D. SUBMISSION
DATE ISSUED TO
SCALE AS NOTED
DRAWING NO. A-4
DRAWN BY F & D
CHECKED BY F & D
FILE NO. 24533.00

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 1 F&D RFI NO: _____

NAME OF PROJECT: Window Replacement and Related Work

NAME OF OWNER: Edgemont Union Free School District

FACILITY: Greenville Elementary School

DATE: 1/28/2026

A/E PROJECT NO: 23501.00

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): S+L Roofing + Sheet Metal Inc.

CONTACT NAME: Steven Laiter Tel: 518-986-6739

SUBJECT: Roof detail 18

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: A-3

QUESTION: Detail 18 shows some of the brick as hatched. Is this area of brick to be removed? Blocking note says wood to remain so we don't see how the brick could be removed without disturbing wood blocking.

Replace damaged brick in kind at locations where existing cornice drains and drain lines are removed.

FIELD CONDITION Remove and reinstall wood blocking at the top of the parapet, if needed for brick replacement.  02/02/26

DRAWING/SPEC

DISCREPANCY

OWNER CHANGE

CLARIFICATION

CONTRACTOR'S SUGGESTION (IF APPLICABLE):

EDGEMONT UNION FREE SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
MPR ROOF, WINDOW REPLACEMENT AND RELATED WORK
RFI Form

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 2 F&D RFI NO: _____

NAME OF PROJECT: Window Replacement and Related Work

NAME OF OWNER: Edgemont Union Free School District

FACILITY: Greenville Elementary School

DATE: 1/28/2026

A/E PROJECT NO: 23501.00

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): S + L Roofing + Sheet Metal Inc

CONTACT NAME: Steven Lailor Tel: 518-986-6739

SUBJECT: Detail 21 + 23 Detail 26

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: A-4

QUESTION: Is the steel purlin shown in these details new or existing?


For detail 26 what is the interior access to get to under side of drain? ceiling type? Steel purlins are existing.

Omit SIP fastener as shown in Detail 21. At Roof N, install isocyanurate insulation to the roof deck using low-rise foam adhesive.

FIELD CONDITION Access to roof drain (shown in Detail 28, not 26 as referenced in the RFI). There is an existing suspended

DRAWING/SPEC ceiling ("drop ceiling") below the roof deck at Roofs J, K and M. Below Roofs G, H and J3 there is either existing open deck condition or existing suspended ceiling below the roof deck.

DISCREPANCY _____


02/02/26

OWNER CHANGE _____

CLARIFICATION _____

CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

FULLER AND D'ANGELO, P.C.
ARCHITECTS AND PLANNERS

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 3 F&D RFI NO: _____

NAME OF PROJECT: Window Replacement and Related Work

NAME OF OWNER: Edgemont Union Free School District

FACILITY: Greenville Elementary School

DATE: 1/29/2026

A/E PROJECT NO: 23501.00

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): S + L Roofing + Sheet Metal Inc.

CONTACT NAME: Steven Lailor Tel: 518-986-6739

SUBJECT: Thru Wall Flashing

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: A2 Detail 4

QUESTION: Note says to Refasten Loose Deck or to replace deteriorated steel Deck. Whereas this unknown can a unit price be added to bid form? Same question for loose or rotted wood blocking

FIELD CONDITION Note regarding refastening or replacing roof deck has been removed from Detail 3/

DRAWING/SPEC A2. See revised drawing issued in Addendum No.2.

DISCREPANCY _____

OWNER CHANGE _____

CLARIFICATION _____  2/17/26

CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 4 F&D RFI NO: _____

NAME OF PROJECT: Window Replacement and Related Work

NAME OF OWNER: Edgemont Union Free School District

FACILITY: Greenville Elementary School

DATE: 1/28/2026

A/E PROJECT NO: 23501.00

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): S&L Roofing "Sheet Metal Inc."

CONTACT NAME: Stavens Laiter Tel: 518-986-6739

SUBJECT: Roof Area "J"

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: A-1

QUESTION: AT Roof Area "J" two Scuppers Labeled OSI Are
Shown @ perimeter. IS there an EDGE detail marker missing
here? Perhaps detail 7/8 or maybe 9/10? Please ADVISE

See revised drawing issued in
Addendum No.2

FIELD CONDITION _____

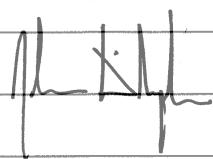
DRAWING/SPEC _____

DISCREPANCY _____

OWNER CHANGE _____

CLARIFICATION _____

CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____



2/17/26

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 5 F&D RFI NO: _____

NAME OF PROJECT: Window Replacement and Related Work

NAME OF OWNER: Edgemont Union Free School District

FACILITY: Greenville Elementary School

DATE: 1/30/2026

A/E PROJECT NO: 23501.00

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): S & L Roofing * Sheetmetal Inc.

CONTACT NAME: Steven Lailer Tel: 518-986-6739

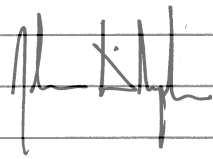
SUBJECT: Window work

DISCIPLINE/TRADE: _____

DWG./SPEC. REFERENCE: A-300 details 4 & 5

QUESTION: These details are listed as GC Alternate 4. We see no place on bid form for this or any Alternates. Please clarify.

There are no alternate bids. We will delete this reference in an addendum.



2/2/26

FIELD CONDITION _____

DRAWING/SPEC _____

DISCREPANCY _____

OWNER CHANGE _____

CLARIFICATION _____

CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 6 F&D RFI NO: _____

NAME OF PROJECT: Window Replacement and Related Work

NAME OF OWNER: Edgemont Union Free School District

FACILITY: Greenville Elementary School

DATE: 1/30/26

A/E PROJECT NO: 23501.00

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): S + L Roofing + Sheetmetal Inc.

CONTACT NAME: Steven Lailer Tel: 518-986-6739

SUBJECT: Thru wall Scuppers + Conductor heads, Downspouts.

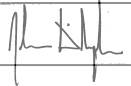
DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: A-3 details 13 + 19

QUESTION: You show tin coated copper tying in to Aluminum fascias + Downspouts. Can copper Conductor Heads + Scuppers be changed to Aluminum?

No. Provide tin-coated as detailed and specified.

FIELD CONDITION _____

DRAWING/SPEC _____ 

DISCREPANCY _____ 2/17/26

OWNER CHANGE _____

CLARIFICATION _____

CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 8 F&D RFI NO: _____

NAME OF PROJECT: Window Replacement and Related Work

NAME OF OWNER: Edgemont Union Free School District

FACILITY: Greenville Elementary School

DATE: 1/30/2026

A/E PROJECT NO: 23501.00

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): S * L Roofing * Sheet Metal Inc

CONTACT NAME: Steven Lailar Tel: 518-986-6739

SUBJECT: Roof details

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: A-4 details 26 = 26 A

QUESTION: I do not see these details noted on Roof Plans
Can you tell me where they apply?

See revised drawing A1 issued in
Addendum No.2. Roof Area N at base
of roof area G.

FIELD CONDITION _____

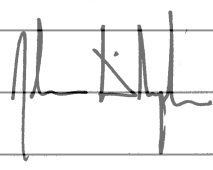
DRAWING/SPEC _____

DISCREPANCY _____

OWNER CHANGE _____

CLARIFICATION _____

CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____



2/17/26

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 01 F&D RFI NO: _____

NAME OF PROJECT: **Window Replacement and Related Work**

NAME OF OWNER: **Edgemont Union Free School District**

FACILITY: **Greenville Elementary School**

DATE: 02/05/26

A/E PROJECT NO: **23501.00**

ARCHITECT: **Fuller and D'Angelo, P.C.**

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): Niko K Construction Corporation

CONTACT NAME: Niko Koutsogiannis Tel: 646-784-0306

SUBJECT: Bid Form Project Number

DISCIPLINE/TRADE: GC-1 – GENERAL CONSTRUCTION

DWG./SPEC. REFERENCE: 00 43 01 BID FORM SUPPLEMENTS

QUESTION: The project number designated on the Bid Form Supplements is different from the project number located on the cover of the project manual.

Please provide all forms needed for Bid Form Supplements.

The correct bid form supplement # is 00 4301, our error.

The project manual should have F&D's project # 24533.00. 02/05/26

Thank you.

FIELD CONDITION

DRAWING/SPEC

DISCREPANCY

OWNER CHANGE

CLARIFICATION

CONTRACTOR'S SUGGESTION (IF APPLICABLE):

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. ____ F&D RFI NO: ____

NAME OF PROJECT: Window Replacement and Related Work

NAME OF OWNER: Edgemont Union Free School District

FACILITY: Greenville Elementary School

DATE: 02-10-2026

A/E PROJECT NO: 23501.00

ARCHITECT: Fuller and D'Angelo, P.C.

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): A.B.C.D. Construction Corp.

CONTACT NAME: Georgios Bouroudis Tel: 718 439 3385

SUBJECT: Alternates on Proposal Form

DISCIPLINE/TRADE: N/A

DWG./SPEC. REFERENCE: DWG-A300 & Spec - 00 4100

QUESTION: Drawing A300 (details 4, 5, 6) shows an alternate for GC-4, but the Proposal Form does not list this alternate. Please clarify:

Where should alternates be entered on the Proposal Form?

Which alternates apply to this project — GC-1, GC-2, GC-3, and/or GC-4? If only GC-4 is an alternate, please confirm.

Should the "Total Bid" include selected alternates, or is it to remain equal to the Base Bid?

Please provide revised instruction or an updated Proposal Form showing alternates.

___ FIELD CONDITION _____

___ DRAWING/SPEC _____

___ DISCREPANCY _____

___ OWNER CHANGE _____

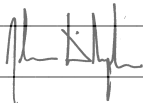
CLARIFICATION _____

___ CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

ANSWER

Delete references to Alternate G4 on drawing A300. See Addendum
No.2 for revisions to bid form and addition of Alternate bid section

1.1 ARCHITECT'S SIGNATURE: _____



DATE: 2/27/26

- A. Note: review and any responses to this request for information by the architect/engineer is strictly for design intent only and does not constitute acknowledgement or acceptance of any cost or schedule implications unless specifically presented by the contractor. By submission of this request for information, the contractor assumes all responsibility in the absence of an approved change order or work directive.

END OF SECTION

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 1 F&D RFI NO: _____

NAME OF PROJECT: **Window Replacement and Related Work**

NAME OF OWNER: **Edgemont Union Free School District**

FACILITY: **Greenville Elementary School**

DATE: 02/06/26

A/E PROJECT NO: **23501.00**

ARCHITECT: **Fuller and D'Angelo, P.C.**

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): Barrett Inc.

CONTACT NAME: Kurt Ryker Tel: 203-744-2780

SUBJECT: Roofing

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: 075323, 073113, A-2, A-3 & A-4

QUESTION: See attached questions

See revised drawings and specifications issued in Addendum No.2. It should address all questions.

___ FIELD CONDITION _____

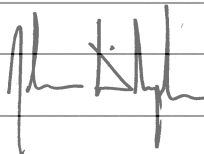
___ DRAWING/SPEC _____

___ DISCREPANCY _____

___ OWNER CHANGE _____

___ CLARIFICATION _____

___ CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____



2/17/26

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 2 F&D RFI NO: _____

NAME OF PROJECT: **Window Replacement and Related Work**

NAME OF OWNER: **Edgemont Union Free School District**

FACILITY: **Greenville Elementary School**

DATE: 02/06/26

A/E PROJECT NO: **23501.00**

ARCHITECT: **Fuller and D'Angelo, P.C.**

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): Barrett Inc.

CONTACT NAME: Kurt Ryker Tel: 203-744-2780

SUBJECT: Roofing

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: A-1, A-2 & A-3

QUESTION: See the attached photo of the existing edge condition for Roof L. Details 11/A-2 & 12/A-3 call for new CFMF, blocking, composite panels over an I-Beam edge. All these conditions appear to be existing. What is the flashing detail for the new roof system at this roof edge?

FIELD CONDITION Follow Detail 12 for new flashing detail. Aluminum

DRAWING/SPEC Composite panels noted

DISCREPANCY in Details 12 and 13 are existing to remain.

OWNER CHANGE

CLARIFICATION  2/17/26

CONTRACTOR'S SUGGESTION (IF APPLICABLE):



SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INFORMATION NO. 3 F&D RFI NO: _____

NAME OF PROJECT: **Window Replacement and Related Work**

NAME OF OWNER: **Edgemont Union Free School District**

FACILITY: **Greenville Elementary School**

DATE: 02/06/26

A/E PROJECT NO: **23501.00**

ARCHITECT: **Fuller and D'Angelo, P.C.**

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

John D'Angelo, ARA johnd@fullerdangelo.com

FROM (CO. NAME): Barrett Inc.

CONTACT NAME: Kurt Ryker Tel: 203-744-2780

SUBJECT: Roofing

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE: ALL

QUESTION: At the pre-bid meeting there was discussions of other project happening at the same time as this one.

Please provide a logistics and staging plan for the roofing construction. If we won't have full access to the ground areas adjacent to the roof replacement areas, we need to be know where our equipment, dumpsters, materials, etc. can be stored during the project. There was also discussion of interior egress and access points below the roof areas on the gym floor.

FIELD CONDITION Contractors will be given access to all areas of the building needed to complete thier work. Specific logistics will be coordinated between contractors once specific work schedules are established. As per the specifications, all building access and egress must be maintained at all times. Restricted access will be coordinated as required by the construction operations.

DRAWING/SPEC

DISCREPANCY

OWNER CHANGE

CLARIFICATION

CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____  2/17/26

FULLER AND D'ANGELO, P.C.
ARCHITECTS AND PLANNERS