INVITATION FOR BIDS

TOWN OF MOULTONBOROUGH, NEW HAMPSHIRE

Carter Terenzini, Interim Town Administrator

CONTRACT DOCUMENTS AND SPECIFICATIONS
for
FY2026 HIGHWAY GARAGE SAND SHED ROOF REPLACEMENT

DATED: MAY 20, 2025

Prepared for, and in coordination with the

PUBLIC WORKS DEPARTMENT

BID DUE DATE/TIME: <u>JUNE 10, 2025,</u> NOT LATER THAN 2:00 PM

Table of Contents

TOWN OF MOULTONBOROUGH
BOARD OF SELECTMEN
P.O. Box 139
Moultonborough, NH 03254

INVITATION FOR BIDS

The Town of Moultonborough Office of the Select Board, 6 Holland Street, P.O. Box 139, Moultonborough, NH 03254 will receive sealed Bids for the **FY2026 Highway Garage Sand Shed Roof Replacement until 2:00 PM on Tuesday, June 10, 2025,** at which time and place they will be opened and publicly read. The sealed envelope should be plainly marked:

"FY2026 Highway Garage Sand Shed Roof Replacement"

The work includes providing all labor, equipment, and materials necessary to complete a full-service installation, removal and disposal of all existing roofing materials, repair of roof decking on an as needed basis, and the installation of new drip edge, snow & ice and/or felt and roofing shingles together with a daily clean-up.

A detailed package with information on project delivery, conditions thereof, and bid forms, is available at www.moultonboroughnh.gov (Paid, Volunteer & Contract Openings) or said offices during normal business hours.

Scope of Work, Specifications, and Conditions

1. General Description of the Project:

The Town is soliciting proposals for the roofing replacement of the Moultonborough Highway Garage Sand Shed to include the removal of existing roofing and associated materials and installation of new materials as required.

Your bid price is all inclusive of the material, labor, and equipment required for the removal and replacement of the roofing.

2. Specifications & Certification:

The Contractor shall provide all material, labor and equipment required to remove existing roofing and associated materials and install the new materials as required here in. In general, the contractor shall:

1. Complete field reconnaissance of the work areas to become fully familiar with the existing conditions.
2. Remove all roofing and associated materials.
3. Remove all waste and excess material and by-products of the work. Clean up the site daily, receiving prior approval from the Town for any staging area of materials, dumpsters and the like. Disposal of materials is permissible at the Town's Solid Waste Facility at no charge to contractor during normal hours of Facility operation or by prior arrangement with the Town of Moultonborough.
4. Notify the Town immediately of any damage, rot or other failure of the roof decking, soffit, and the like. Repair cost shall be determined prior to initiating the work and all work shall be approved by the Owner in advance.
5. Furnish and install new drip edge, flashing, and associated roof materials per the specifications.
6. The contractor is responsible for the protection of the roof from fire and moisture penetration at all times. The wood sheathing must be completely dry before the installation of any materials. Metal surfaces must be completely cleaned of all potentially corrosive materials before the application of shingles or the weather barrier.

3. Delivery Location and Timing:

All work is to be completed at the Moultonborough Highway Garage, 68 Highway Garage Road, Moultonborough, NH.

4. Term of Contract:

The contract end will be determined based on the agreed upon work schedule.

5. General Conditions:

a) Upon the execution of the contract the contractor must produce a certificate of insurance, naming the Town, its officers, employees, and assigns, as Certificate Holder and Additionally Named Insured, for the following types and levels of coverage:

- Workers Compensation	Statutory
- Automobile and Equipment	$1 Million/$2 Million
- Property Damage	$1 Million/$2 Million
- General Liability	$1 Million/$2 Million

If a sub-contractor is used for any portion of the work, the contractor must obtain from them and provide the Town with a similar certificate in similar amounts. You may not use a subcontractor without our approval.

b) Payments will be made within thirty (30) days of the submission of a bill showing conformance with all work requirements. Any progress payments made on each item will have a 15% retainage until all work is completed and fully certified by the permitting authorities and end user as represented by the Public Works Director/Highway Agent. You may substitute a 100% performance bond covering all labor and materials for the 15% retainage if you desire. In this instance the retainage shall be reduced to 5%.

c) The term "days" shall mean calendar days.

6. Site Inspection, Questions and Supplements:

a) A pre-bid conference and site inspection will be held Tuesday, June 3, 2025, at 10:00 AM at the Highway Garage, 68 Highway Garage Rd, Moultonborough, NH 03254.

b) Any explanation regarding the meaning or interpretation of contract drawings, specifications or other contract documents must be requested in writing not later than Wednesday, June 4, 2025 at 12:00 PM to Chris Theriault, Public Works Director, 6 Holland Street, P.O. Box 139, Moultonborough, NH 03254, Fax:(603) 476-5835; ctheriault@moultonboroughnh.gov .

c) Any such explanations or interpretations shall be made in the form of an addendum to the documents and shall be posted on the Town's website as an Addendum no later than 4:00 p.m. on Thursday, June 5, 2025. It is the bidder's responsibility to check and verify any such changes to account for them in their bid. You must acknowledge issued addenda on your bid form. Oral explanations and interpretations made prior to the bid opening shall not be binding.

d) You must submit the Statement of Qualifications as part of your Bid.

7. Bid Due Date and Methods of Delivery

Bids will be accepted until 2:00 p.m. on Tuesday, June 10, 2025, in the Offices of the Select Board, 6 Holland Street, PO Box 139, Moultonborough, NH 03254 at which time they will be opened and publicly read aloud.

Your bid envelope must be marked with the name of the project, item or service being sought by the Town, and the date the bids are due. If the bid is submitted by mail, it should be put into a separate sealed envelope, marked as required, inside the mailing envelope to safeguard against it being opened in error.

Town of Moultonborough
FY2026 Highway Garage Sand Shed Roof Replacement

Bid Form

(Please Print or Type)

Name of Bidder: _____

Address: _____

_____

Contact Person: _____ _____
Telephone Fax

_____
Email

ATTENTION:

Mr. Carter Terenzini, Interim Town Administrator
Board of Selectmen
PO Box 139
Moultonborough, NH 03254

Dear Mr. Terenzini:

Having examined the documentation provided with the subject Invitation for Bids the undersigned proposes to furnish all materials as requested in accordance with the subject documents.

Bidder acknowledges receipt of the following Addenda (List Addenda by Addendum Number and Date):

Number	Date

If I am notified my proposal is accepted within thirty (30) days of the bids having been opened, I will execute a contract for the work within fourteen (14) days thereafter.

1. BASE BID:

I propose to provide the total work required for the lump sum price of:

In Words: _____

In Numbers: $ _____

Note: In the event there is a discrepancy between the written bid amount and the numerical bid amount, the written amount will be the bid amount recorded.

I understand that the Town reserves the right to reject any and all bids, and waive any minor or non-material informalities, if deemed to be in its best interests. I understand that the Town may hold my bid for thirty (30) days prior to awarding a contract.

I certify, under the penalties of perjury, that (1) I have had an opportunity to view the full bid package and am aware it was my responsibility to perform my own due diligence appropriate to submitting this proposal, (2) I am fully authorized to submit this bid, (3) I have not engaged in discussions, negotiations, or collusion with any person to determine what my bid will be and (4) that I, to the best of my knowledge and belief, have paid all taxes, fees, assessments, betterments or other municipal charges that I owe to the Town of Moultonborough or have a payment agreement in place or have filed an appeal over the same.

_____
Signature of Bidder

Corporate
Seal

_____
Title of Bidder

Signed this _____day of _____, _____.

STATEMENT OF BIDDERS QUALIFICATIONS

GENERAL INFORMATION

A. Name: _____

Principal Office Address: _____

_____

Telephone: _____

B. If a Corporation, answer the following:

When incorporated: _____

In what State: _____

Director's names (s) _____

_____

_____

President's Name: _____

Vice President's Name: _____

Secretary's Name: _____

Treasurer's Name: _____

C. If a partnership, answer the following:

Date of Organization: _____

State whether partnership is general or limited: _____

Name and Address of Partners: _____

_____

_____

EXPERIENCE

A. How many years has your organization been in business as a contractor under your present business name? _____

B. What are the prior names of your organization? _____

_____

_____

C. How many years of experience does your organization have as a prime contractor in the type of work specified in the Contract Documents? _____

As a sub-contractor? _____

D. List below the largest projects your organization has completed.

	Contract Amount	Project Title	Owner	When Completed
1.				
2.				
3.				

Name and address of references for respective projects listed above:

1. _____
2. _____
3. _____

E. List other references: _____

_____

_____

_____

F. List below two (2) completed projects which agree most similar to the proposed work.

	Contract Amount	Project Title	Owner	When Completed
1.				
2.				

G. Have you ever failed to complete any work awarded to you? If yes, give name of Owner, name of Bonding Company and circumstances: _____

_____

H. State the largest dollar volume of work your organization has completed in any one year and the year that it was completed in: _____

_____

FINANCIAL REFERENCES

A. Name one (1) banking institution reference:

Name: _____

Address: _____

B. Name two (2) credit references other than the bank listed above.

1. Name: _____

   Address: _____

2. Name: _____

   Address: _____

Attach OSHA-10 Certificate

CERTIFICATION

I hereby certify that the information submitted herewith, including any attachment, is true to the best of my knowledge and belief.

_____
Firm Name

By: _____
Signature

Title: _____

Date: _____

SECTION 07 3113 - ASPHALT SHINGLES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Asphalt shingles.
2. Underlayment.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For each exposed product and for each color and blend specified.

C. Maintenance data.

D. Warranties: Sample of special warranties.

1.3 WARRANTY

A. Special Warranty: Standard form in which manufacturer agrees to repair or replace asphalt shingles that fail in materials or workmanship within specified warranty period.

1. Material Warranty Period: 30 years from date of Substantial Completion, prorated, with first three years (minimum) non-prorated.

PART 2 - PRODUCTS

2.1 GLASS-FIBER-REINFORCED ASPHALT SHINGLES

A. Laminated-Strip Asphalt Shingles: ASTM D 3462, laminated, multi-ply overlay construction, glass-fiber reinforced, mineral-granule surfaced, and self-sealing.

Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. CertainTeed Corporation.
b. GAF Materials Corporation.
c. Owens Corning.

2. Color and Blends: As selected by the Owner from manufacturer's full range. IKO shingles will not be considered as a substitution for the town building roofs.

B. Hip and Ridge Shingles: Manufacturer's standard units to match asphalt shingles or site-fabricated units cut from asphalt shingle strips. Trim each side of the lapped portion of unit to taper approximately 1 inch.

2.2 UNDERLAYMENT MATERIALS

A. Felt: ASTM D 226 or ASTM D 4869, Type I and II as indicated, asphalt-saturated organic felts, non-perforated.

B. Self-Adhering Sheet Underlayment, Polyethylene Faced: ASTM D 1970, minimum of 40-mil-thick, slip-resisting, polyethylene-film-reinforced top surface laminated to SBS-modified asphalt adhesive, with release paper backing; cold applied.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

   a. Carlisle Coatings & Waterproofing, Inc.
   b. Grace, W. R. & Co. - Conn.
   c. Owens Corning.
   d. GAF Materials Corporation

2. IKO ice and water shield self-adhering underlayment will not be considered as a substitution for the town building roofs.

2.3 RIDGE VENTS

A. Rigid Ridge Vent: Manufacturer's standard, rigid section high-density polypropylene or other UV-stabilized plastic ridge vent with nonwoven geotextile filter strips; for use under ridge shingles.

2.4 ACCESSORIES

A. Asphalt Roofing Cement: ASTM D 4586, Type II, asbestos free.

B. Roofing Nails: ASTM F 1667; aluminum, stainless-steel, copper, or hot-dip galvanized-steel wire shingle nails, minimum 0.120-inch-diameter, sharp-pointed, with a minimum 3/8-inch-diameter flat head and of sufficient length to penetrate 3/4 inch into solid wood decking or extend at least 1/8 inch through OSB or plywood sheathing.

1. Where nails are in contact with metal flashing, use nails made from same or compatible metal as flashing.
2. **STAPLES ARE NOT PERMITTED**.

C. Felt Underlayment Nails: Aluminum, stainless-steel, or hot-dip galvanized-steel wire with low-profile capped heads or disc caps, 1-inchminimum diameter.

2.5 METAL FLASHING AND TRIM

A. General: Comply with requirements in Division 07 Section "Sheet Metal Flashing and Trim."

B. Fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of the item and as follows:

1. Apron Flashings: Fabricate with lower flange a minimum of 4 inches over and 4 inches beyond each side of downslope asphalt shingles and 6 inches up the vertical surface.

2. Step Flashings: Fabricate with a head lap of 2 inches and a minimum extension of 4 inches over the underlying asphalt shingle and up the vertical surface.
3. Cricket Flashings: Fabricate with concealed flange extending a minimum of 18 inches beneath upslope asphalt shingles and 6 inches beyond each side of chimney and 6 inches above the roof plane.
4. Drip Edges: Fabricate in lengths not exceeding 10 feet to match profile of the Lamb & Ritchie Company, Inc. Positive “Right Flow” roof edging, www.lambritchie.com.

EXECUTION

2.6 UNDERLAYMENT INSTALLATION

A. General: Comply with underlayment manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.

B. Single-Layer Felt Underlayment: Install on roof deck parallel with and starting at the eaves. Lap sides a minimum of 2 inches over underlying course. Lap ends a minimum of 4 inches. Stagger end laps between succeeding courses at least 72 inches. Fasten with felt underlayment nails, for alternate #02.

1. Install felt underlayment on roof deck not covered by self-adhering sheet underlayment. Lap sides of felt over self-adhering sheet underlayment not less than 3 inches in direction to shed water. Lap ends of felt not less than 6 inches over self-adhering sheet underlayment.
2. Install fasteners at no more than 36-inch o.c.

C. Self-Adhering Sheet Underlayment: Install, wrinkle free, on roof deck. Comply with low-temperature installation restrictions of underlayment manufacturer if applicable. Install at entire roof for base bid, lapped in direction to shed water. Lap sides not less than 3-1/2 inches. Lap ends not less than 6 inches staggered 24 inches between courses. Roll laps with roller. Cover underlayment within seven days. Install as indicated on Drawings or, if not indicated, as follows:

1. Eaves: Extend from edges of eaves 72 inches beyond interior face of exterior wall.
2. Rakes: Extend from edges of rake 72 inches beyond interior face of exterior wall.
3. Valleys: Extend from lowest to highest point 36 inches on each side.
4. Hips: Extend 36 inches on each side.
5. Ridges: Extend 36 inches on each side without obstructing continuous ridge vent slot.
6. Sidewalls: Extend beyond sidewall 36 inches and return vertically against sidewall not less than 18 inches.
7. Dormers, Chimneys, Skylights, and Other Roof-Penetrating Elements: Extend beyond penetrating element 36 inches and return vertically against penetrating element not less than 36 inches.
8. Roof Slope Transitions: Extend 36 inches on each roof slope.

2.7 METAL FLASHING INSTALLATION

A. General: Install metal flashings and other sheet metal to comply with requirements in Division 07 Section "Sheet Metal Flashing and Trim."

1. Install metal flashings according to recommendations in ARMA's "Residential Asphalt Roofing Manual" and asphalt shingle recommendations in NRCA's "The NRCA Roofing and Waterproofing Manual."

B. Apron Flashings: Extend lower flange over and beyond each side of downslope asphalt shingles and up the vertical surface.

C. Step Flashings: Install with a head lap of 2 inches and extend over the underlying asphalt shingle and up the vertical surface. Fasten to roof deck only.

D. Cricket Flashings: Install against the roof-penetrating element extending concealed flange beneath upslope asphalt shingles and beyond each side.

E. Rake Drip Edges: Install rake drip edge flashings over underlayment and fasten to roof deck.

F. Eave Drip Edges: Install eave drip edge flashings below underlayment and fasten to roof sheathing.

G. Pipe Flashings: Form flashing around pipe penetrations and asphalt shingles. Fasten and seal to asphalt shingles as recommended by the manufacturer.

2.8 ASPHALT SHINGLE INSTALLATION

A. General: Install asphalt shingles according to manufacturer's written instructions and asphalt shingle recommendations in NRCA's "The NRCA Roofing and Waterproofing Manual."

B. Distribute load of shingle bundles across roof so as not to create any point loads on roof framing.

C. Install starter strip along lowest roof edge, consisting of an asphalt shingle strip with tabs removed with self-sealing strip face up at roof edge.

D. Install first and remaining courses of asphalt shingles stair-stepping diagonally across roof deck with manufacturer's recommended offset pattern at succeeding courses, maintaining uniform exposure.

E. Fasten asphalt shingle strips with a minimum of six roofing nails located according to manufacturer's written instructions. Do not puncture shingles with nails.

1. When ambient temperature during installation is below 50 deg F, seal asphalt shingles with asphalt roofing cement spots.

F. Closed-Cut Valleys: Extend asphalt shingle strips from one side of valley 12 inches beyond center of valley. Use one-piece shingle strips without joints in valley. Fasten with extra nail in upper end of shingle. Install asphalt shingle courses from other side of valley and cut back to a straight line 2 inches short of valley centerline. Trim upper concealed corners of cut-back shingle strips.

G. Ridge Vents: Install continuous ridge vents over asphalt shingles according to manufacturer's written instructions. Fasten with roofing nails of sufficient length to penetrate sheathing.

H. Ridge and Hip Cap Shingles: Maintain same exposure of cap shingles as roofing shingle exposure. Lap cap shingles at ridges to shed water away from direction of prevailing winds. Fasten with roofing nails of sufficient length to penetrate sheathing.

1. Fasten ridge cap asphalt shingles to cover ridge vent without obstructing airflow.

END OF SECTION 07 3113

PART 3 - GENERAL

3.1 SUMMARY

A. Section Includes:

1. Formed steep-slope roof sheet metal fabrications.

3.2 SUBMITTALS

A. Product Data: For each type of product indicated.

1. Include identification of material, thickness, weight, and finish for each item and location in Project.

3.3 QUALITY ASSURANCE

A. Sheet Metal Flashing and Trim Standard: Comply with SMACNA's "Architectural Sheet Metal Manual" unless more stringent requirements are specified or shown on Drawings.

PART 4 - PRODUCTS

4.1 SHEET METALS

A. Aluminum Sheet: ASTM B 209, alloy as standard with manufacturer for finish required, with temper as required to suit forming operations and performance required.

1. Exposed Coil-Coated Finishes:

a. Siliconized Polyester: Epoxy primer and silicone-modified, polyester-enamel topcoat; with a dry film thickness of not less than 0.2 mil for primer and 0.8 mil for topcoat.
b. Color: As selected by the Owner from manufacturer's full range.

2. Concealed Finish: Pretreat with manufacturer's standard white or light-colored acrylic or polyester backer finish, consisting of prime coat and wash coat with a minimum total dry film thickness of 0.5 mil.

4.2 UNDERLAYMENT MATERIALS

A. Polyethylene Sheet: 6-mil-thick polyethylene sheet complying with ASTM D 4397.

B. Felt: ASTM D 226 or ASTM D 4869, Type I and II as indicated, asphalt-saturated organic felts, non-perforated.

C. Self-Adhering Sheet Underlayment, Polyethylene Faced: ASTM D 1970, minimum of 40-mil-thick, slip-resisting, polyethylene-film-reinforced top surface laminated to SBS-modified asphalt adhesive, with release paper backing; cold applied.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

    a. Carlisle Coatings & Waterproofing, Inc.
    b. Grace, W. R. & Co. - Conn.
    c. Owens Corning.

2. IKO ice and water shield self-adhering underlayment will not be considered as a substitution for the town building roofs.

D. Slip Sheet: Building paper, 3-lb/100 sq. ft. minimum, rosin sized.

4.3 MISCELLANEOUS MATERIALS

A. General: Provide materials and types of fasteners, solder, welding rods, protective coatings, separators, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation and recommended by manufacturer of primary sheet metal unless otherwise indicated.

B. Fasteners: Wood screws, annular threaded nails, self-tapping screws, self-locking rivets and bolts, and other suitable fasteners designed to withstand design loads and recommended by manufacturer of primary sheet metal.

1. General: Blind fasteners or self-drilling screws, gasketed, with hex-washer head.

4.4 FABRICATION, GENERAL

A. General: Custom fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, geometry, metal thickness, and other characteristics of item indicated. Fabricate items at the shop to the greatest extent possible.

1. Obtain field measurements for accurate fit before shop fabrication.
2. Form sheet metal flashing and trim without excessive oil canning, buckling, and tool marks and true to line and levels indicated, with exposed edges folded back to form hems.
3. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces exposed to view.

B. Sealed Joints: Form non-expansion but movable joints in metal to accommodate elastomeric sealant.

C. Expansion Provisions: Where lapped expansion provisions cannot be used, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with butyl sealant concealed within joints.

D. Seams: Fabricate nonmoving seams with flat-lock seams. Tin edges to be seamed, form seams, and solder.

PART 5 - EXECUTION

5.1 UNDERLAYMENT INSTALLATION

A. Felt Underlayment: Install felt underlayment with adhesive for temporary anchorage. Apply in shingle fashion to shed water, with lapped joints of not less than 2 inches, for alternate #02.

B. Self-Adhering Sheet Underlayment: Apply primer if required by manufacturer. Comply with temperature restrictions of underlayment manufacturer for installation. Apply at locations indicated, wrinkle free, in shingle fashion to shed water, and with end laps of not less than 6 inches staggered 24 inches between courses. Overlap side edges not less than 3-1/2 inches. Roll laps with roller. Cover underlayment within seven days.

1. Refer to Division 07 Section “Asphalt Shingles.”

5.2 INSTALLATION, GENERAL

A. General: Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement so that completed sheet metal flashing and trim shall not rattle, leak, or loosen, and shall remain watertight. Use fasteners, solder, welding rods, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.

1. Install sheet metal flashing and trim true to line and levels indicated. Provide uniform, neat seams with minimum exposure of solder, welds, and sealant.
2. Install sheet metal flashing and trim to fit substrates and to result in watertight performance. Verify shapes and dimensions of surfaces to be covered before fabricating sheet metal.
3. Install exposed sheet metal flashing and trim without excessive oil canning, buckling, and tool marks.
4. Torch cutting of sheet metal flashing and trim is not permitted.

B. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating or by other permanent separation as recommended by SMACNA.

1. Underlayment: Where installing metal flashing directly on cementitious or wood substrates, install a course of felt underlayment and cover with a slip sheet or install a course of polyethylene sheet.

C. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet with no joints allowed within 24 inches of corner or intersection. Where lapped expansion provisions cannot be used or would not be sufficiently watertight, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with sealant concealed within joints.

D. Fastener Sizes: Use fasteners of sizes that will penetrate wood sheathing not less than 1-1/4 inches for nails and not less than 3/4 inch for wood screws.

E. Seal joints as shown and as required for watertight construction.

5.3 ROOF FLASHING INSTALLATION

A. General: Install sheet metal flashing and trim to comply with performance requirements and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, set units true to line, and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.

1. Fabricate all exposed-to-view flashing from continuous enameled aluminum, unless otherwise indicated. Fabricate concealed-from-view flashing from aluminum.

B. Roof Edge Flashing: Anchor to resist uplift and outward forces according to recommendations in SMACNA's "Architectural Sheet Metal Manual" and as indicated. Interlock bottom edge of roof edge flashing with continuous cleat anchored to substrate at staggered 3-inch centers.

1. Fabricate drip edges from enameled aluminum.

C. Pipe or Post Counterflashing: Install counterflashing umbrella with close-fitting collar with top edge flared for elastomeric sealant, extending a minimum of 4 inches over base flashing. Install stainless-steel draw band and tighten.

D. Counterflashing: Coordinate installation of counterflashing with installation of base flashing. Insert counterflashing in reglets or receivers and fit tightly to base flashing. Extend counterflashing 4 inches over base flashing. Lap counterflashing joints a minimum of 4 inches and bed with sealant.

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

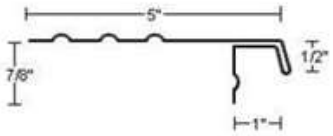
5.4 CLEANING AND PROTECTION

A. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.

B. Clean off excess sealants.

FR8W

Drip Edge Aluminum White Rite-Flow 8", .013 Gauge



Manufacturer	Part Number	Retail UPC
Lamb & Ritchie Company	3516	Unknown

Packaging Units:

FT	1.0000
CTN	500.0000

Product Availability:

Sterling, MA:

Please log in for product availability or **call us at 800-732-5473 for a dealer application**.