

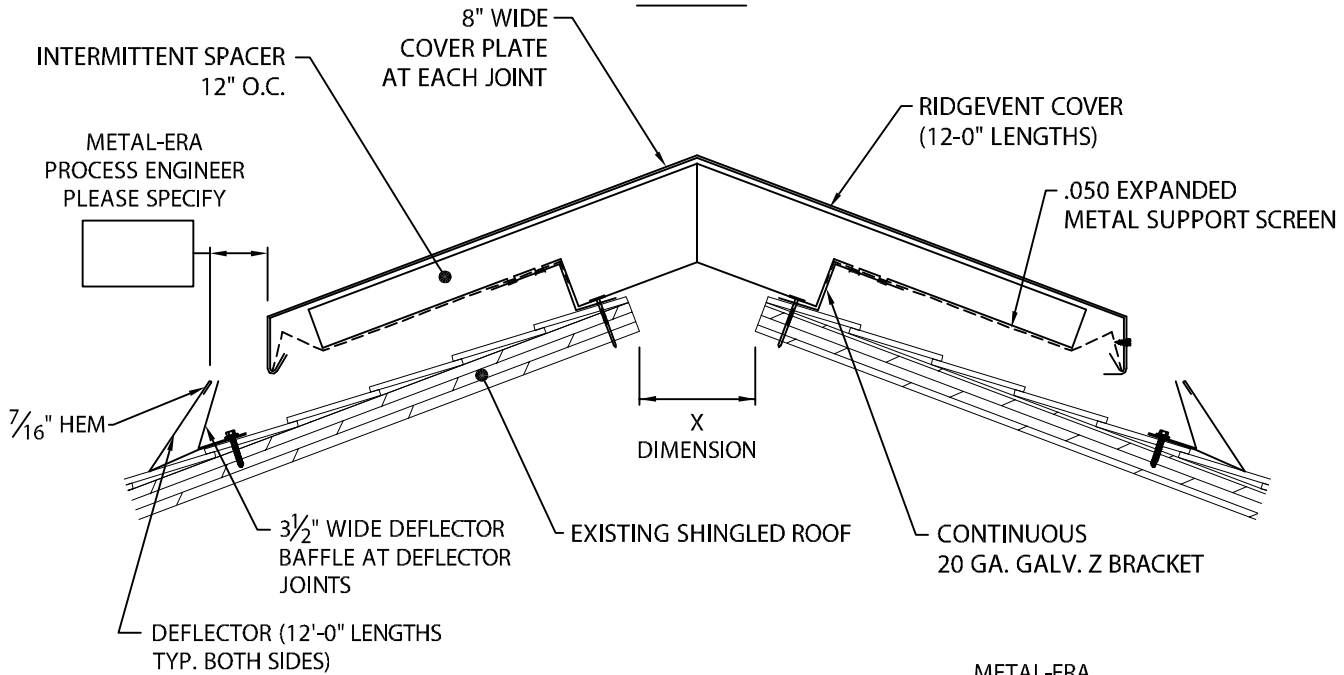
HI-PERF HIGH VELOCITY RIDGE VENT

SLOPE TO SLOPE, SHINGLED VERSION

INSTALLATION INSTRUCTIONS

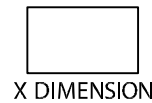
U.S. PATENT # 8,075,376 B1

DETAIL A



METAL-ERA
 PROCESS ENGINEER
 PLEASE SPECIFY

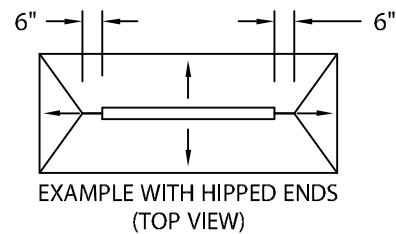
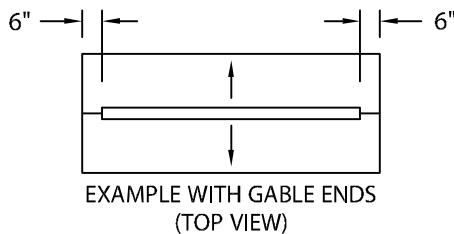
ALL FASTENERS AND
 SEALANT BY OTHERS



IMPORTANT! BE SURE TO REMOVE
 PROTECTIVE PLASTIC FILM PRIOR TO
 INSTALLING EACH COVER SECTION.

CAUTION! INSTALLERS SHALL WEAR PROTECTIVE EYE WEAR TO PREVENT INJURY. DO NOT OVERDRIVE FASTENERS, AS STRIPPING CAN OCCUR AT HIGH DRIVER TORQUE. RECOMMENDED DRIVING TOOL: 600 - 800 rpm ELECTRIC DRILL EQUIPPED WITH DEPTH-SENSING NOSE-PIECE TO PREVENT DRIVING AND STRIPOUT. DO NOT USE IMPACT TYPE TOOL.

NOTE: ALL FASTENERS MUST MEET MINIMUM 240 LB. PULL-OUT FOR SUBSTRATE.



1. PREPARE RIDGE

CUT OPENING AT RIDGE "X" DIMENSION. END THE OPENING 6" BEFORE GABLE OR HIPPED END.



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DATE: 11/18/15

SHT.# 1 OF 6

DRN BY: JJC

CKD BY: SAK

DWG# 31124-19240

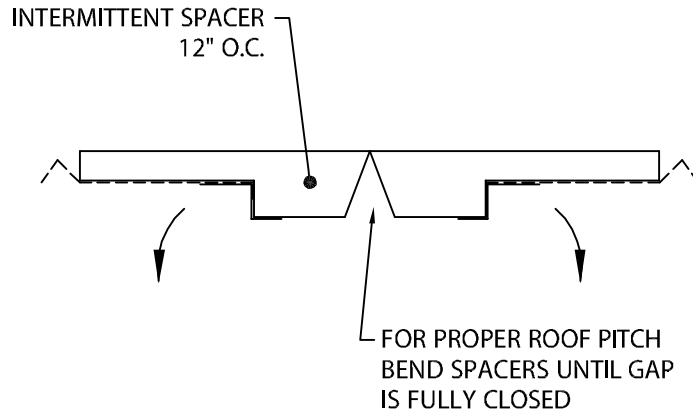
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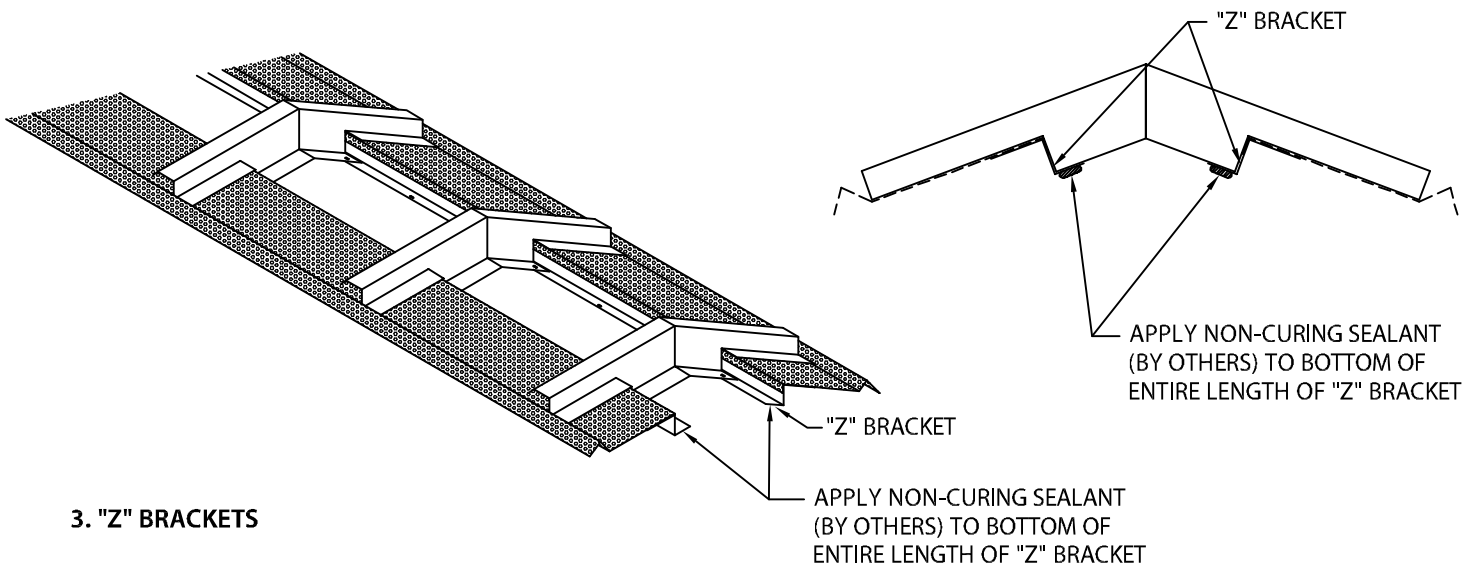
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2. RIDGE VENT

THE RIDGE VENT IS MANUFACTURED TO BEND TO ACCOMMODATE ONE SPECIFIC ROOF PITCH. BEND RIDGE VENT UNTIL SPACES IN THE INTERMITTENT SPACERS ARE CLOSED. THIS CAN BE DONE AHEAD OF TIME ON THE GROUND OR ON THE ROOF.



3. "Z" BRACKETS

TO PREVENT MOISTURE ENTRY UNDER THE "Z", APPLY A GENEROUS BEAD OF NON-CURING SEALANT (BY OTHERS) ALONG ENTIRE LENGTH OF BOTTOM OF FLANGE.



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DRN BY: JJC

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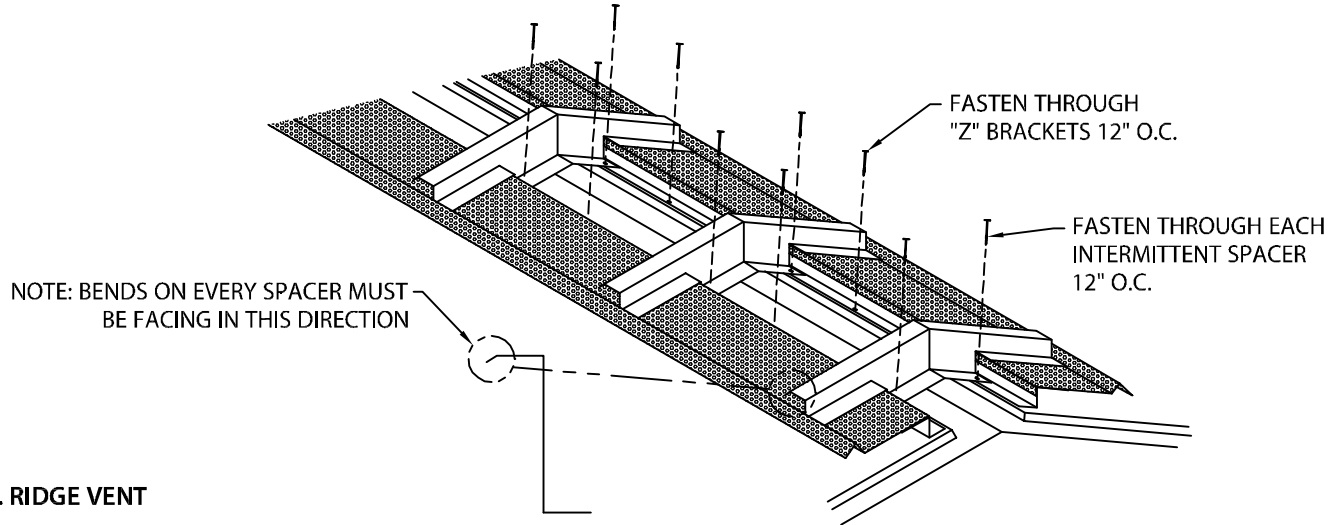
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HI-PERF HIGH VELOCITY RIDGE VENT

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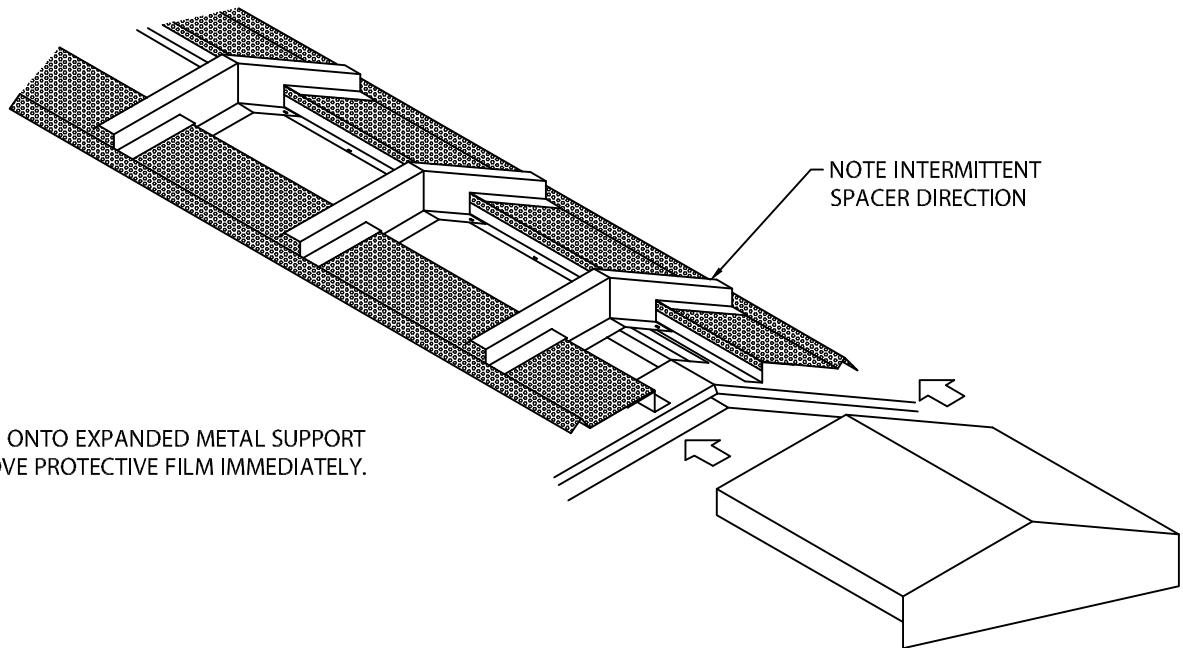
INSTALLATION INSTRUCTIONS

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4. RIDGE VENT

SET RIDGE VENT IN PLACE CENTERED OVER RIDGE OPENING. THE BENDS ON TOP OF THE SPACER MUST ALL BE FACING AWAY FROM THE END OF THE ROOF. FASTEN THROUGH PRE-PUNCHED SLOTTED HOLES IN INTERMITTENT SPACERS AT 12" O.C. WITH APPROPRIATE FASTENERS. ALSO FASTEN THROUGH PRE-PUNCHED SLOTTED HOLES IN "Z" BRACKETS 12" O.C.. LAP "ZS" 1".



5. ENDCAPS

SLIDE ENDCAP ONTO EXPANDED METAL SUPPORT SCREEN. REMOVE PROTECTIVE FILM IMMEDIATELY.



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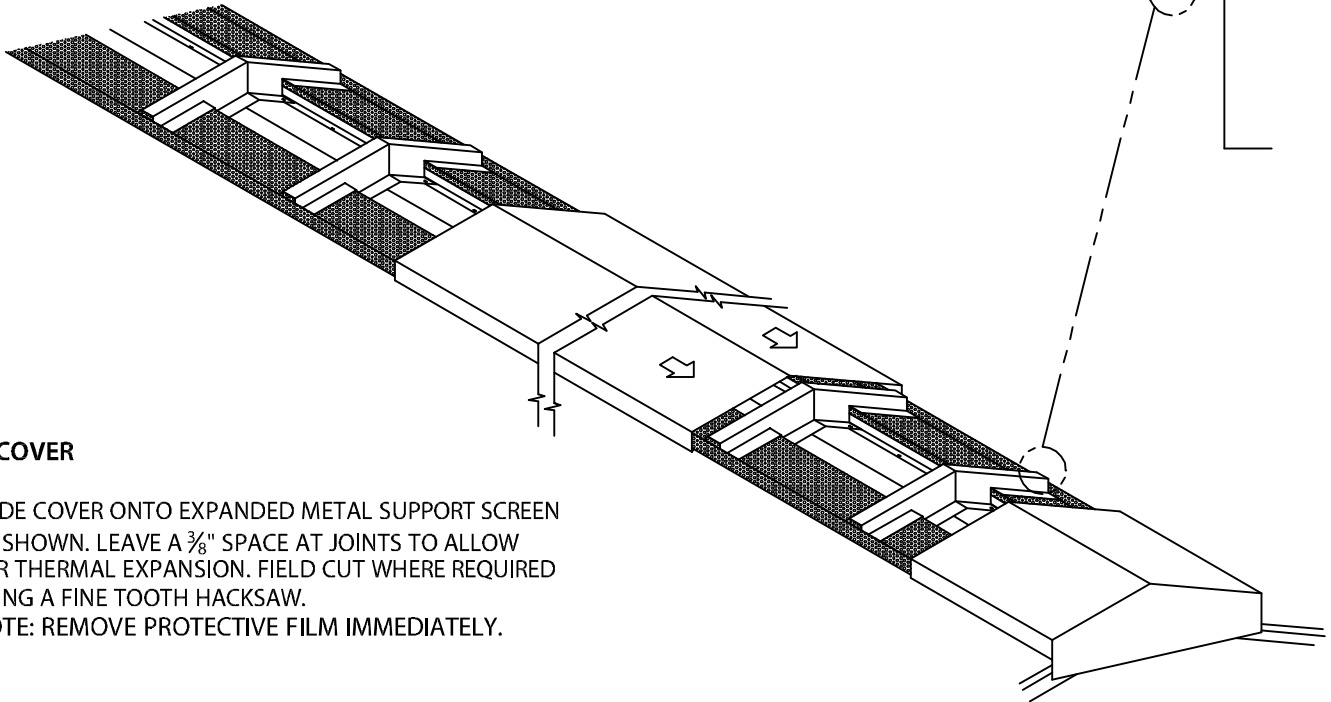
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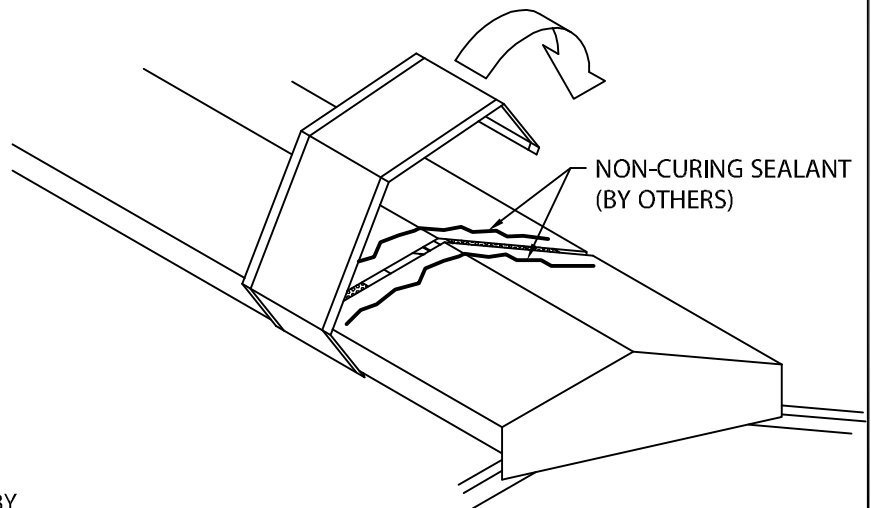
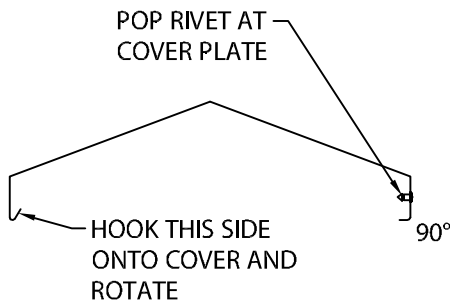
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NOTE INTERMITTENT
 SPACER DIRECTION



6. COVER

SLIDE COVER ONTO EXPANDED METAL SUPPORT SCREEN AS SHOWN. LEAVE A $\frac{3}{8}$ " SPACE AT JOINTS TO ALLOW FOR THERMAL EXPANSION. FIELD CUT WHERE REQUIRED USING A FINE TOOTH HACKSAW.
 NOTE: REMOVE PROTECTIVE FILM IMMEDIATELY.



7. COVER PLATES AT JOINTS

APPLY A GENEROUS BEAD OF NON-CURING SEALANT (BY OTHERS) TO EACH SIDE OF JOINT. HOOK COVER PLATE ONTO COVER AT JOINTS AND ROTATE INTO PLACE. POP RIVET INTO COVER PLATE AT ONE SIDE OF THE JOINT (FASTEN SIDE WHICH HAS 90° DRIP ANGLE). THIS WILL PREVENT MIGRATION.



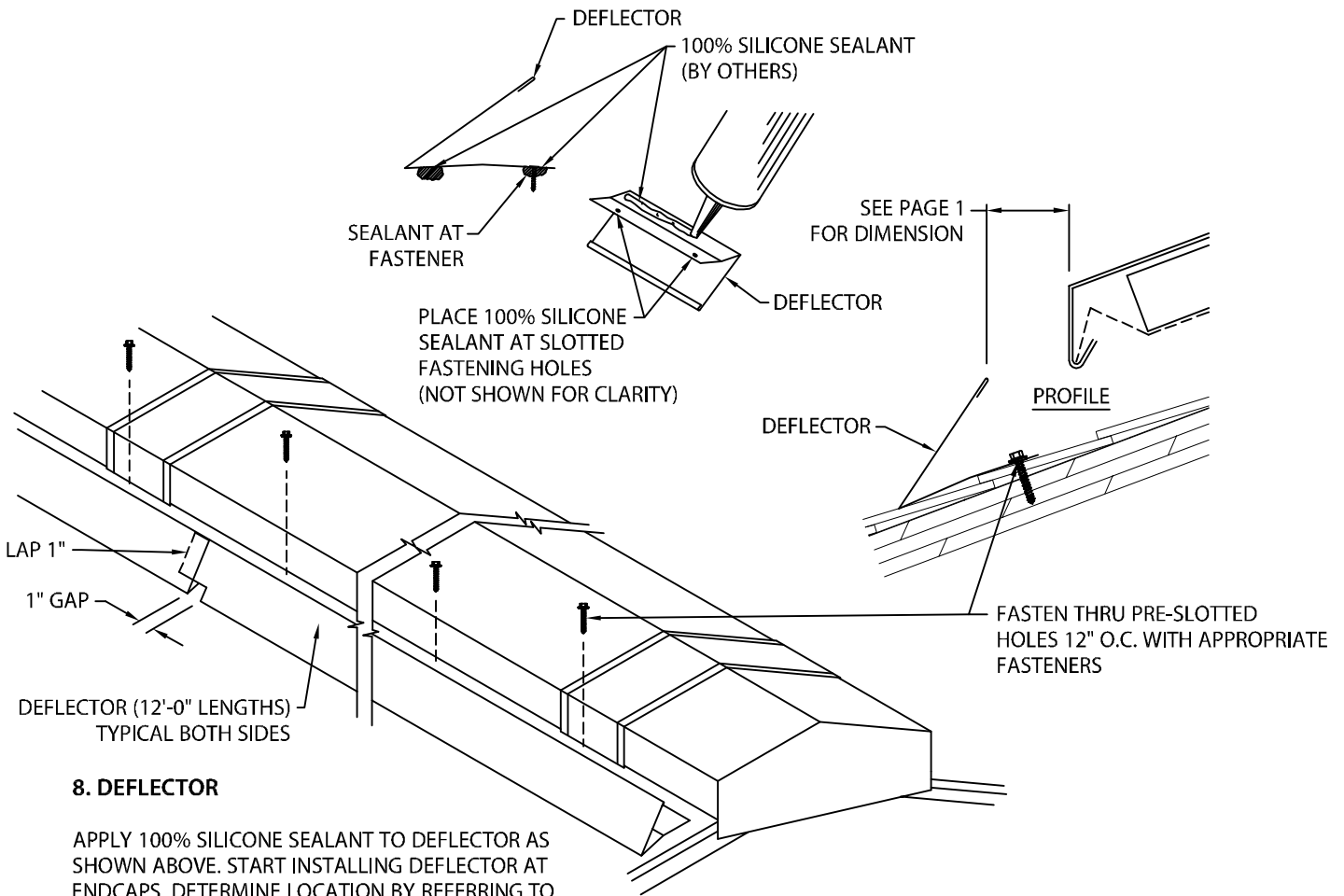
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8. DEFLECTOR

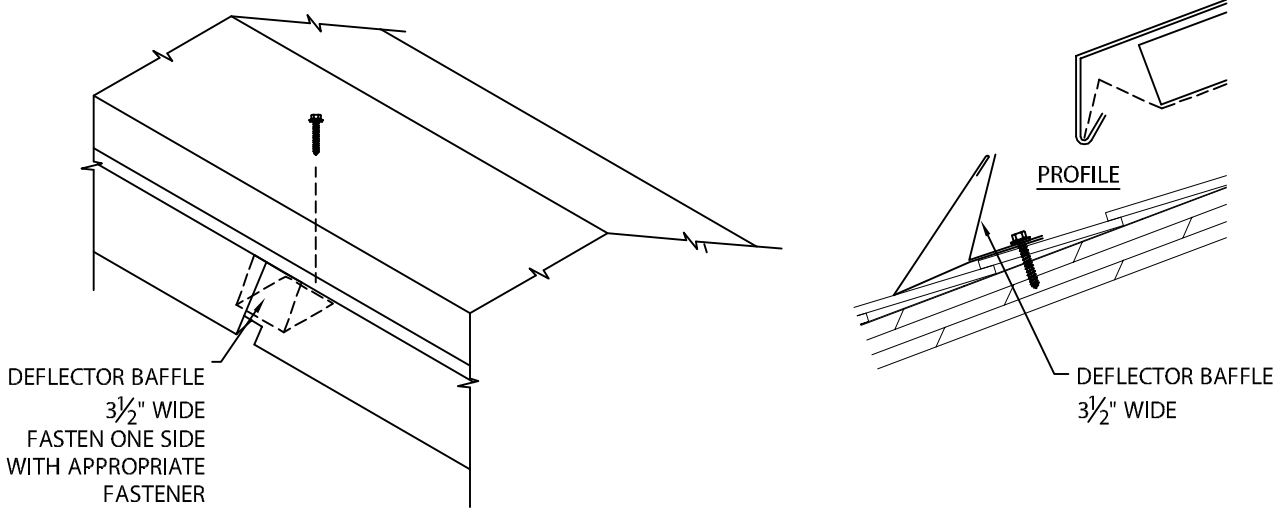
APPLY 100% SILICONE SEALANT TO DEFLECTOR AS SHOWN ABOVE. START INSTALLING DEFLECTOR AT ENDCAPS. DETERMINE LOCATION BY REFERRING TO DIMENSION GIVEN ON PAGE 1. FASTEN 12" O.C. THRU PRE-SLOTTED HOLES WITH APPROPRIATE FASTENERS. CONTINUE INSTALLING, LAPPING 1" AT JOINTS AS SHOWN. LAPPING LEAVES A 1" GAP BETWEEN PIECES. FIELD CUT WHERE NECESSARY USING FINE TOOTH HACKSAW OR SNIPS.

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9. DEFLECTOR BAFFLE

PLACE 3½" WIDE DEFLECTOR BAFFLE AT ALL DEFLECTOR JOINTS. FASTEN ON ONE SIDE OF BAFFLE THRU DEFLECTOR INTO EXISTING ROOF WITH APPROPRIATE FASTENER.



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