

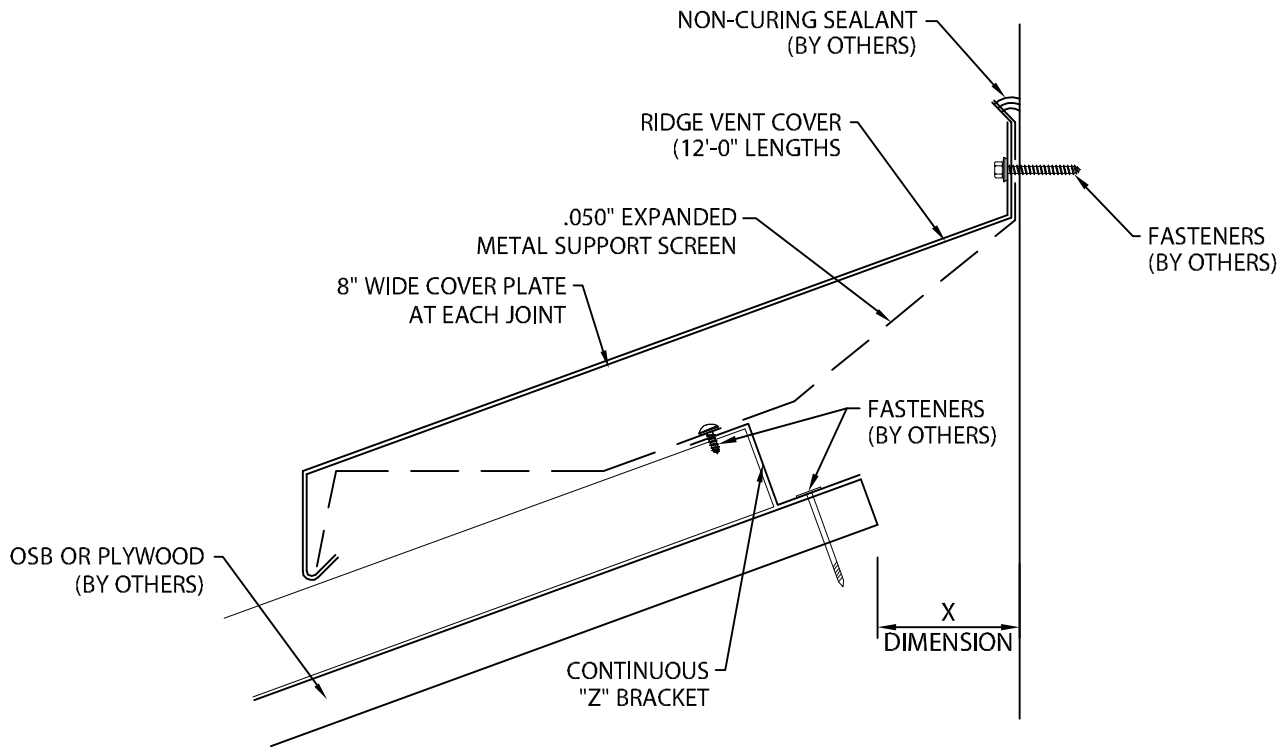
HI-PERF RIDGE VENT

SLOPED ROOF MEETS HIGH WALL, STANDING SEAM VERSION

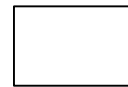
INSTALLATION INSTRUCTIONS

U.S. PATENT # 7,823,343 B1

DETAIL A



METAL-ERA PROCESS
ENGINEER PLEASE
SPECIFY



X DIMENSION

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.

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

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



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DATE: 03/24/15

SHT.# 1 OF 4

DRN BY: JJC

CKD BY: SAK

DWG# 31124-12851

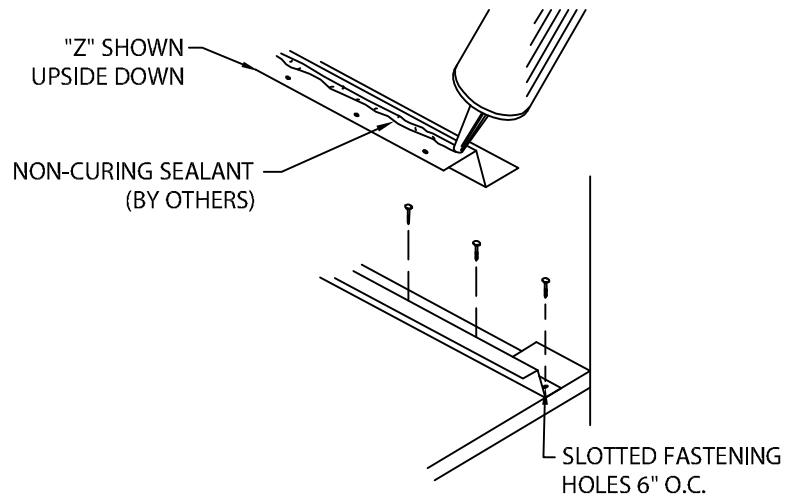
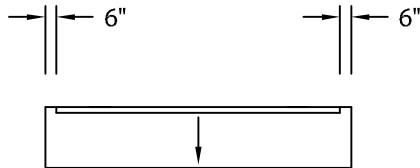
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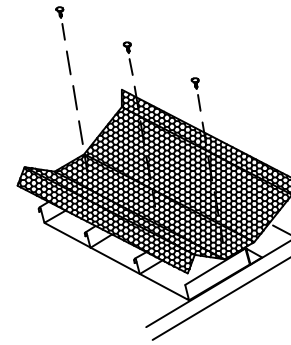
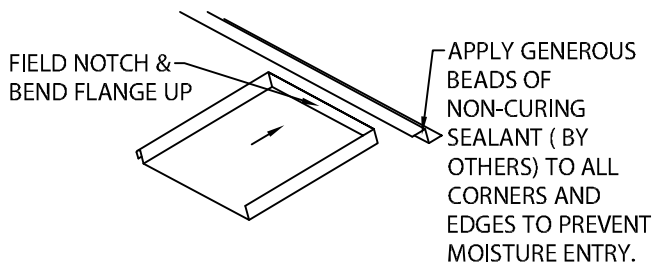
1. PREPARE RIDGE

CUT OPENING AT RIDGE "X" DIMENSION. (SEE DETAIL "A".)

2. MOUNTING BRACKETS

TO PREVENT MOISTURE ENTRY UNDER THE "Z", APPLY A GENEROUS BEAD OF NON-CURING SEALANT (BY OTHERS) TO BOTTOM OF FLANGE. FASTEN BRACKETS AT ROOF AT 6" O.C. WITH APPROPRIATE FASTENERS USING PRE-PUNCHED SLOTTED HOLES. LAP "Z'S" 1".

NOTE: FOAM/SEALANT SHOULD BE PLACED BETWEEN THE "Z" AND HIGH WALL OVER THE OSB ON THE LAST 6" AT BOTH ENDS (SEE STEP 1)



3. STANDING SEAM ROOFING

FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR TERMINATING STANDING SEAM AT RIDGE VENT CHANNEL. SEE ABOVE FOR TYPICAL DETAIL.

4. EXPANDED METAL SUPPORT SCREEN

PLACE SUPPORT SCREEN CENTERED OVER "Z" BRACKET. FASTEN AT 12" (305 mm) O.C. TO "Z" BRACKET. LAP SUPPORT SCREENS 1" (25 mm).



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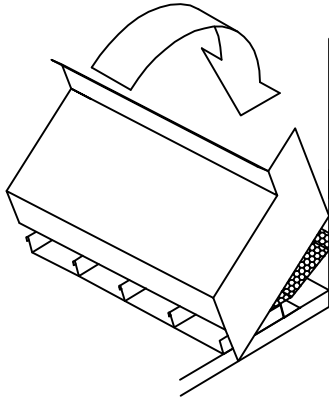
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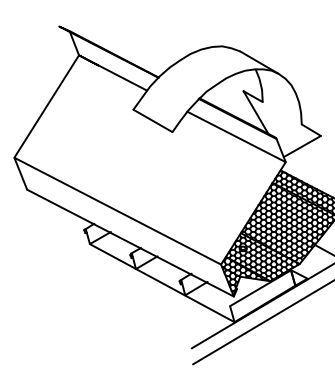
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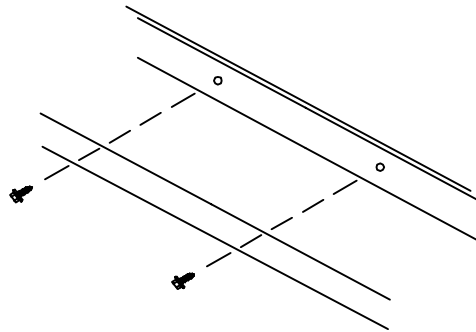
5. ENDCAP

SNAP ENDCAP INTO PLACE STARTING AT SLOPED END. HOOK THE EXPANDED METAL SUPPORT SCREEN INTO THE COVER LIP. ROTATE ENDCAP DOWNWARD.



6. COVER

SNAP COVER INTO PLACE STARTING AT SLOPED END. HOOK THE EXPANDED METAL SUPPORT SCREEN INTO THE COVER LIP. ROTATE COVER DOWNWARD. CONTINUE INSTALLING COVER, LEAVING A $\frac{3}{8}$ " SPACE AT JOINTS TO ALLOW FOR THERMAL EXPANSION. FIELD CUT WHERE REQUIRED USING A FINE TOOTH HACKSAW. REMOVE PROTECTIVE FILM IMMEDIATELY.



7. FASTEN

FASTEN TO WALL 12" O.C. WITH APPROPRIATE FASTENERS USING PRE-PUNCHED SLOTTED HOLES. NOTE: ONE FASTENER REQUIRED FOR EACH END CAP.



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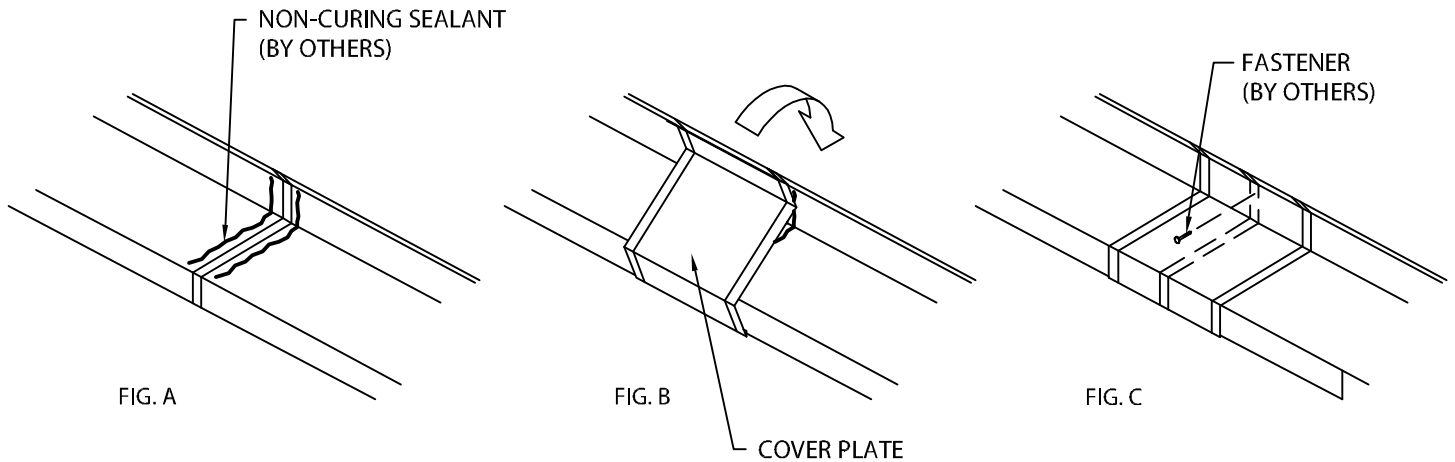
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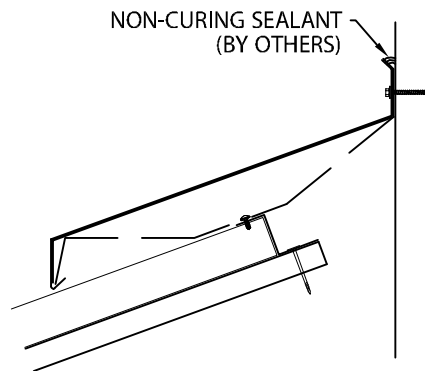
SLOPED ROOF MEETS HIGH WALL, STANDING SEAM VERSION INSTALLATION INSTRUCTIONS

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8. COVER PLATES AT JOINTS

APPLY A GENEROUS BEAD OF NON-CURING SEALANT (BY OTHERS) TO EACH SIDE OF JOINT (FIG. A). HOOK COVER PLATE ONTO COVER AT JOINTS AND ROTATE INTO PLACE (FIG. B). FASTEN COVER PLATE AT THE CENTER OF THE JOINT. THIS WILL PREVENT MIGRATION (FIG. C).



9. SEALANT

TO PREVENT MOISTURE ENTRY BEHIND THE "CAULK LIP", APPLY A GENEROUS BEAD OF NON-CURING SEALANT (BY OTHERS) BETWEEN THE "CAULK LIP" AND THE HIGH WALL



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