DETAIL A

8" (203 mm) WIDE CONCEALED SPLICE PLATE AT EACH JOINT

RIDGE VENT COVER (12'-0" (3.65 m) LENGTHS)

INTERMITTENT SPACER 16" (406 mm) O.C.

CONTINUOUS 20 GA. (1.01 mm) GALV. "Z" BRACKET

0.050" (1.27 mm) EXPANDED METAL SUPPORT SCREEN

X DIMENSION

EXISTING ROOF

22 GA. (.85 mm) GALV. CONTINUOUS CLEAT

ATLAS ROOFING 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.
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 TO BOTTOM OF
FLANGE. FASTEN BRACKETS AT ROOF AT 6" (152 mm) O.C.
WITH APPROPRIATE FASTENERS USING PRE-PUNCHED
SLOTTED HOLES. LAP "Z" 5" 1" (25 mm).
NOTE: FOAM/SEALANT SHOULD BE PLACED BETWEEN
THE "Z" AND VERTICAL WALL OVER THE OSB ON
THE LAST 6" (152 mm) 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. STANDING SEAM DEFLECTOR
PROVIDED FOR 4/12 PITCH OR LESS IN 12'-0" (3.65 m)
LENGTHS TO BE CUT IN FIELD TO FIT BETWEEN THE
STANDING SEAMS. CUT DEFLECTORS ¾" (10 mm)
SHORTER THAN THE MEASURED DISTANCE BETWEEN
STANDING SEAMS. CENTER BETWEEN SEAMS ALLOWING
¾" (5 mm) GAP AT BOTH ENDS FOR RESIDUAL WATER
DRAINAGE. FASTEN WITH APPROPRIATE FASTENERS
USING BOND SEAL WASHERS.
5. CONTINUOUS CLEAT

Fasten continuous cleat to wall thru pre-slotted holes in face and top flange 12" (305 mm) O.C. using appropriate fasteners for substrate.

6. EXPANDED METAL SUPPORT SCREEN

Place screen centered over "Z" brackets. Temporarily fasten to "Z" brackets at each end of 12'-0" (3.65 m) length to hold in place.

7. INTERMITTENT SPACERS

Starting at the end of the roof where the endcaps will be placed, fasten intermittent spacers thru screen into "Z" bracket and continuous cleat 16" (406 mm) O.C. as shown with appropriate fasteners. The bends on top of the spacer must all be facing away from the end of the roof.

8. ENDCAP SPLICE PLATE

Apply non-curing sealant (by others) to top of 8" (203 mm) wide splice plate as shown. Install the splice plate into endcap so that half the splice plate is exposed.
9. ENDCAPS
SLIDE ENDCAP / SPLICE PLATE ASSEMBLY ONTO EXPANDED METAL SUPPORT SCREEN. REMOVE PROTECTIVE FILM IMMEDIATELY.

10. COVER
PREPARE AND PLACE SPLICE PLATE INTO END OF 12'-0" (3.65 m) COVER AS SHOWN IN STEP 8. SLIDE COVER ONTO EXPANDED METAL SUPPORT SCREEN AS SHOWN. LEAVE A ¾" (10 mm) SPACE AT SPLICE JOINTS TO ALLOW FOR THERMAL EXPANSION. FIELD CUT WHERE REQUIRED USING A FINE TOOTH HACKSAW.
11. **POP-RIVET**

POP-RIVET SPlice TO ONE SIDE JOINT TO PREVENT JOINT MIGRATION. CONTINUE INSTALLING COVER WITH A $\frac{3}{8}$" (10 mm) SPACE AT SPlice PLATES TO ALLOW FOR THERMAL EXPANSION FIELD CUT WHERE REQUIRED USING A FINE TOOTH HACKSAW.

NOTE: REMOVE PROTECTIVE FILM IMMEDIATELY.