Protective weather fabric is factory attached along this edge.
(not shown in drawing-available lighter Grey or Black.)
Wall Siding

Flashing

Ice & Water Shield/Tarpaper, Shingles applied on top of SmartVent

Shingles on top of SmartVent

1" Roof Decking Slit or series of 1.75" holes

Air Flow to the exhaust vent

Air Exhaust

Air Intake to the Attic

SmartVent is tapered from 3/4" to 1/8"

NOTES: ALL DIMENSIONS ARE IMPERIAL UNITS.

Initial release.

https://www.elance.com/s/ronaldgonzales/
Insulation  
Wall Siding  
Flashing  
Shingle on top of SmartVent  
Air Exhaust  
Air Flow to the attic  
Air Flow to the exhaust vent  
Ice & Water Shield/Tarpaper, Shingles applied on top of SmartVent  
1" Roof Decking Slit or series of 1.75" holes  
SmartVent is tapered from 3/4" to 1/8"  
Air Intake to the Attic  

EAVE APPLICATION AND SHED ROOF/ROOF TO WALL  
SCALE 1:8
Lower slope rear dormer roof on left with a steeper slope roof on right creating a water tight seal at ridge beam. Both roof planes ventilate.
Air Flow to the Ridge Vent
SmartVent
Shingles
Drip Edge
Fascia Board
1" Continuous Slit into the Fascia board
Air Enters Attic Here
FASCIA/LOW SLOPE ROOF
SCALE 1:4
Air Flows into the Vent Here

FASCIA/LOW SLOPE ROOF
SCALE 1:4
Ice & Water Shield/Tarpaper, Shingles applied on top of SmartVent

SmartVent is tapered from 3/4" to 1/8"

1" Roof Decking Slit or series of 1.75" holes

Air Intake to the Attic

Blocked Soffit Prevents Proper Intake Ventilation

Air Flow to the exhaust vent
SmartVent

Off Peak/Firewall Application

Roof

Exhaust

Air Intake to
the Attic

Shingles

Ice & Water Shield/Tarpaper,
Shingles applied on top of SmartVent

1" Roof Decking Slit
or series of 1.75" holes

SmartVent is tapered from 3/4" to 1/8"

Large Center Beam
or Cinder Block Firewall

Air Flow to the exhaust vent

SmartVent Eave/Soffit Application

SmartVent on top of SmartVent

Air Intake to the Attic

OFF PEAK ROOF

SCALE 1:8

NOTES:
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1.75" holes at 6.5" center line from valley line. Space holes 3" on center parallel to valley line.

Drilled Holes Allow Air To Flow Through the Valley Like never Before!
HOW TO MITER SMARTVENT TO FORM A 90 DEGREE ANGLE

Cut Along Line

MITERED LEFT

MITERED RIGHT

ASSEMBLY (VIEW 1)

ASSEMBLY (VIEW 2)

ALL DIMENSIONS ARE IMPERIAL UNITS.

Initial release.