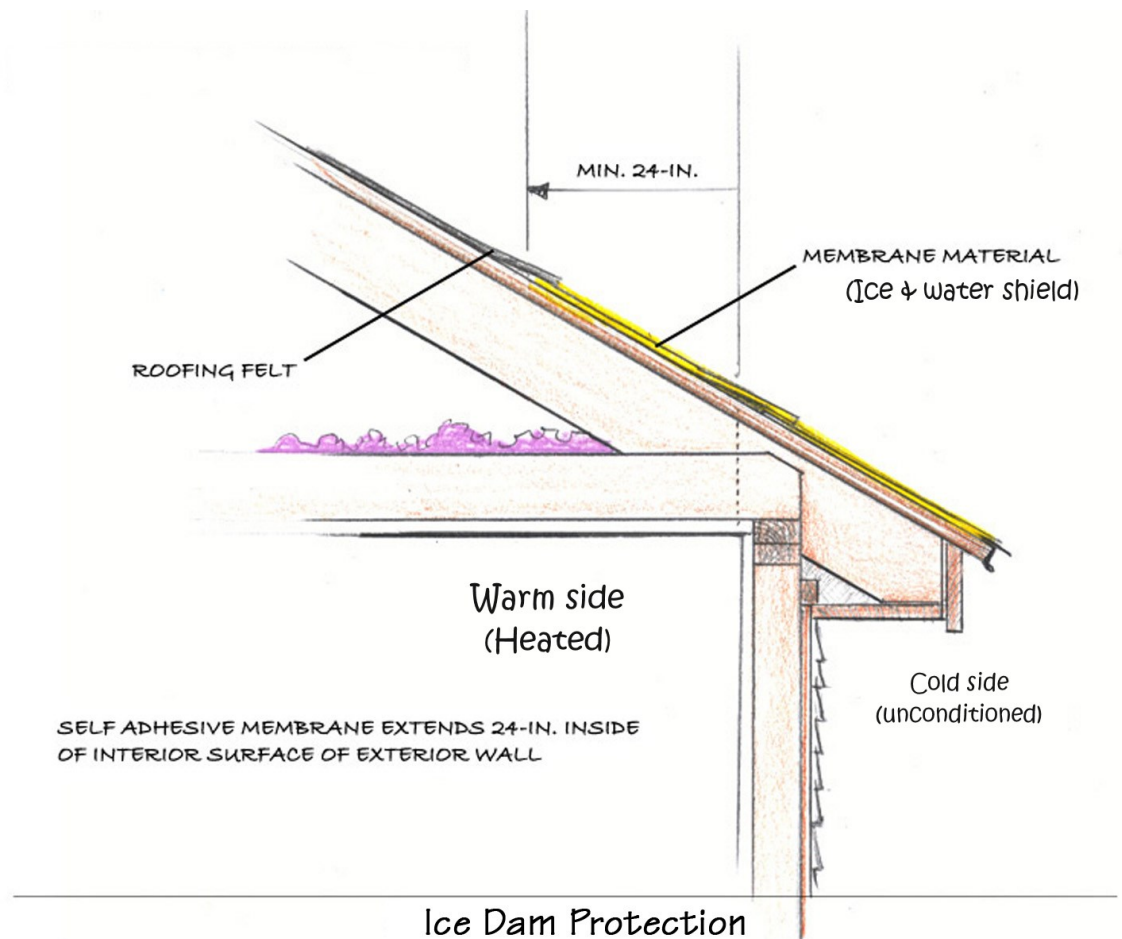
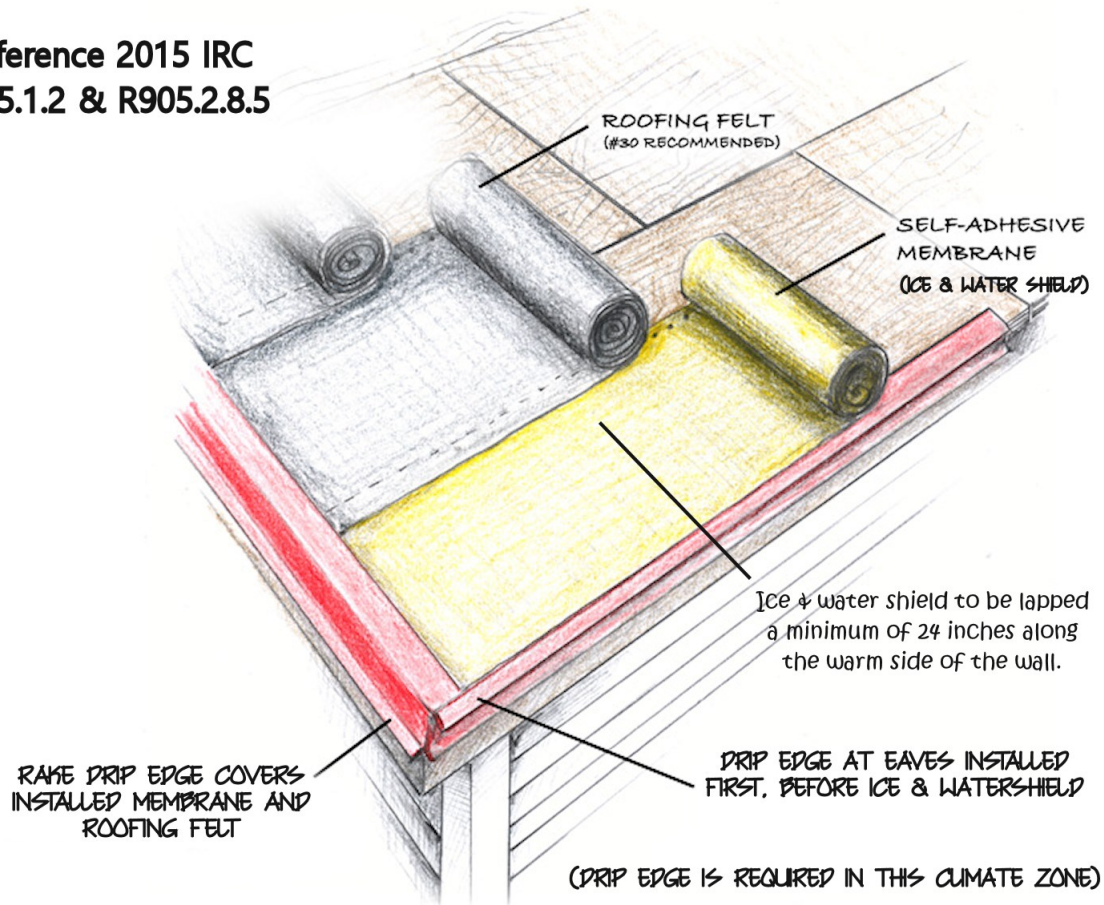
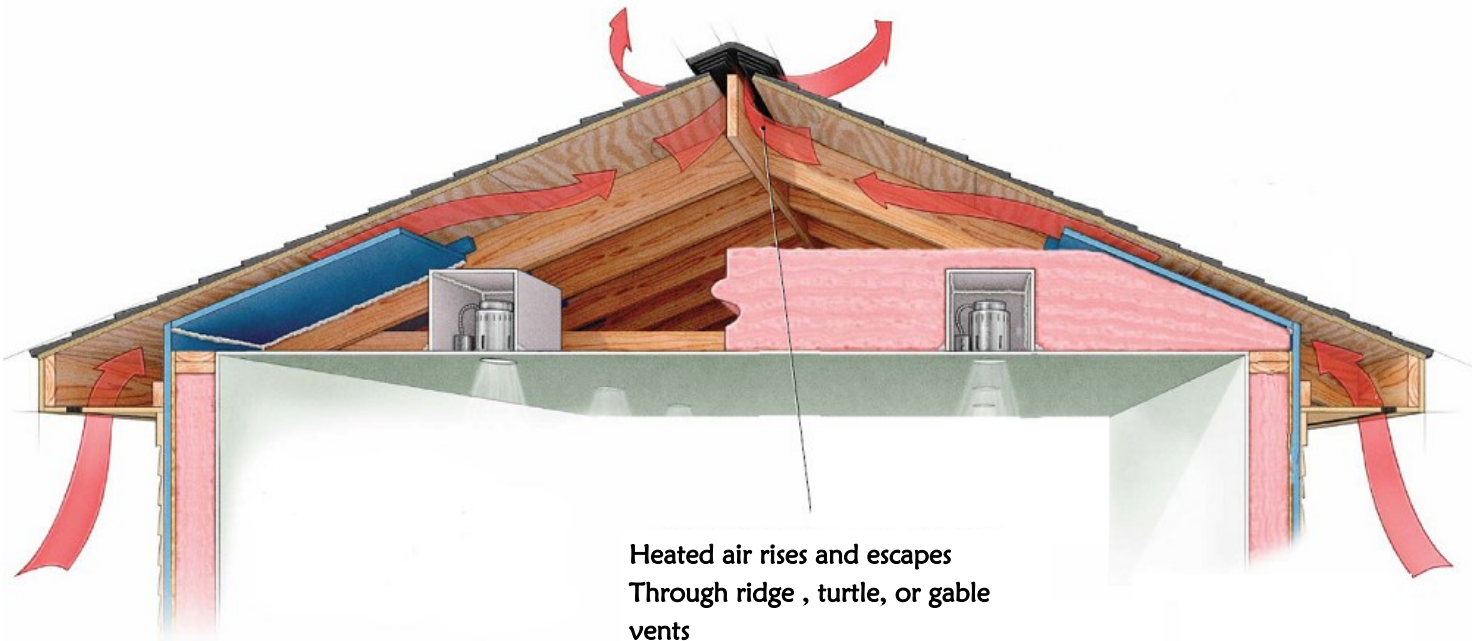


Roof Building Paper Requirements

Reference 2015 IRC
R905.1.2 & R905.2.8.5



Roof Ventilation Requirements



Heated air rises and escapes
Through ridge , turtle, or gable
vents

Replacement air
is pulled into vented
soffits.

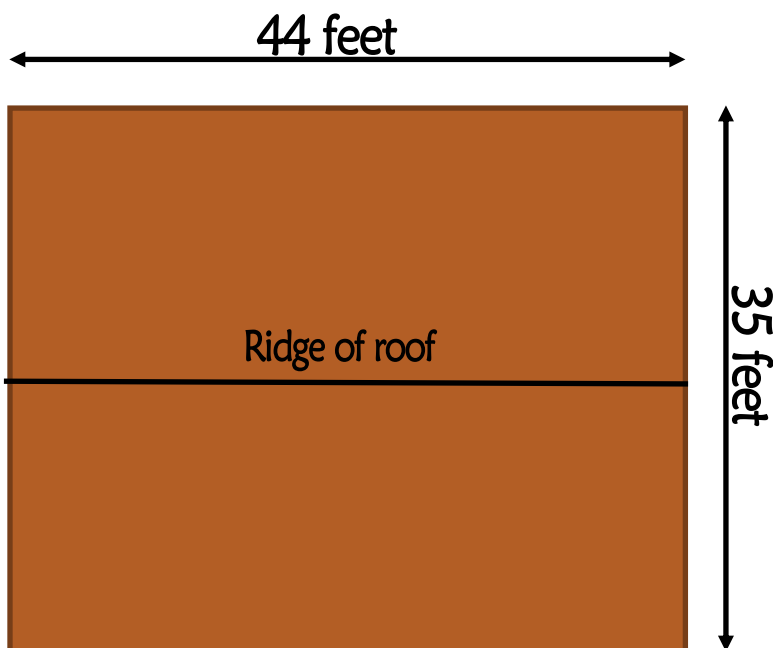
Attic Ventilation:

1 Sq. Ft. of ventilation required for every
150 Sq. Ft. of attic space. (1/150)

Ventilation requirement may be cut in half
with use of soffit venting. 1 Sq. Ft. per 300
Sq. Ft. (1/300)

Nailing of 4X8 plywood or Oriented Strand
Board needs to be completed with 8 penny or
bigger nails spaced at 6 inches On Center on
seams and edges and 12 inches On Center in the
field.

A maximum of 2 layers of shingles are allowed
before stripping of shingles and placement of new
materials is required.



Sample calculation

$$44 \times 35 = 1540 \text{ (Sq. Ft. of home)}$$

$$1540 / 150 = 10 \text{ (Sq. Ft. of ventilation opening)}$$

$$1540 / 300 \text{ (Vented Soffit)} = 5 \\ \text{(Sq. Ft. of ventilation opening)}$$

SECTION R903 WEATHER PROTECTION

R903.1 General. Roof decks shall be covered with approved roof coverings secured to the building or structure in accordance with the provisions of this chapter. Roof assemblies shall be designed and installed in accordance with this code and the approved manufacturer's installation instructions such that the roof assembly shall serve to protect the building or structure.

R903.2 Flashing. Flashings shall be installed in a manner that prevents moisture from entering the wall and roof through joints in copings, through moisture permeable materials and at intersections with parapet walls and other penetrations through the roof plane.

R903.2.1 Locations. Flashings shall be installed at wall and roof intersections, wherever there is a change in roof slope or direction and around roof openings. Where flashing is of metal, the metal shall be corrosion resistant with a thickness of not less than 0.019 inch (0.5 mm) (No. 26 galvanized sheet).

2015 International Residential Code

