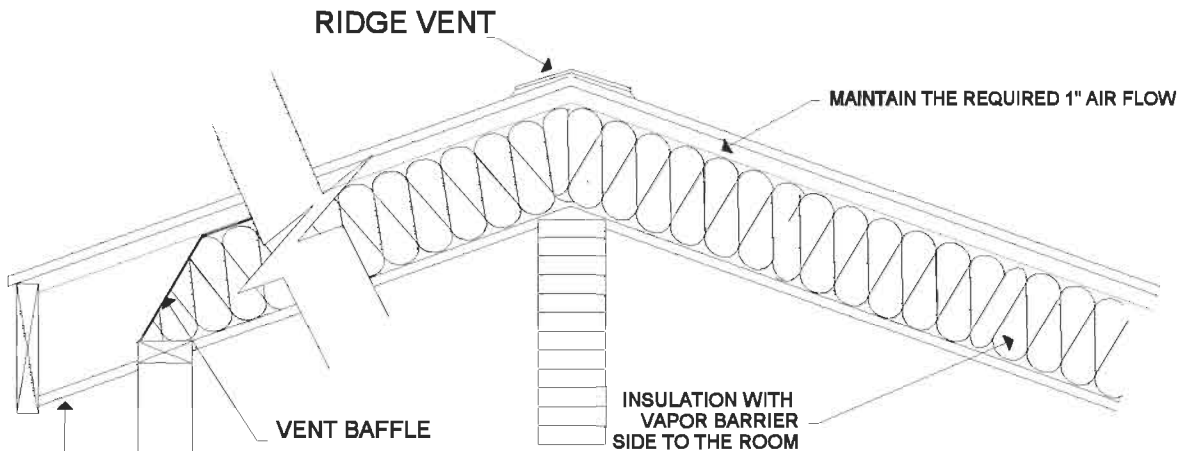


Southwest Washington Chapter of ICC

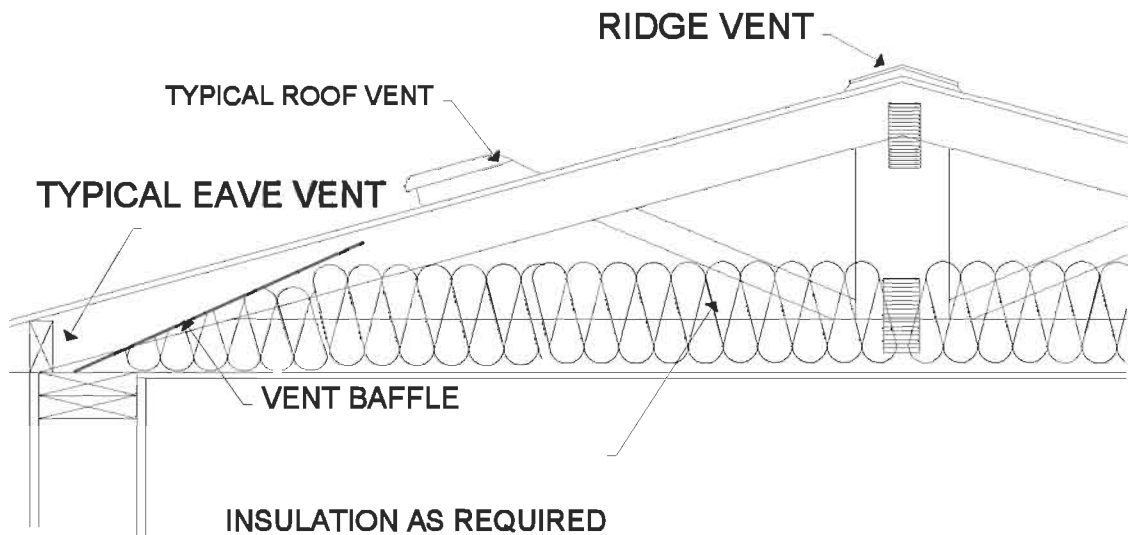
This construction detail is accepted as meeting the minimum standard of construction as based upon the 2003 IBC requirements and is accepted in the following regional jurisdictions

City of Battle-Ground, Clark County, Cowlitz County, City of Camas, City of Centralia, City of Kalama
 City of Longview, City of Ridgefield, City of Vancouver, City of Washougal, City of Woodland



UBC SECTION

SECTION 1505.3 Ventilation. Where determined necessary by the building official due to atmospheric or climatic conditions, enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain and snow. Where eave or cornice vents are installed, insulation shall not block the free flow of air. A minimum of 1 inch (25 mm) of air space shall be provided between the insulation and the roof sheathing. The net free ventilating area shall not be less than 1/150 of the area of the space ventilated. EXCEPTIONS: 1. The opening area may be 1/300 of the area of the space ventilated provided 50 percent of the required opening area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents. 2. The opening area may be 1/300 of the area of the space ventilated provided a vapor barrier not exceeding 1 perm [5.7 10-11 kg/(Pa · s · m²)] is installed on the warm side of the attic insulation. Where eave or cornice vents are installed, insulation shall not block the free flow of air. A minimum of 1 inch (25 mm) of air space shall be provided between the insulation and roof sheathing. Openings for ventilation shall be covered with corrosion resistant metal mesh with mesh openings of 1/4 inch (6.4 mm) in dimension.



#30 6/1/00

ATTIC VENTILATION

DWG BY LGN