SAFEbuilt®

Address: _____

RESIDENTIAL ROOF VENTILATION WORKSHEET

MN Rule 1309.R806.2 Minimum vent area. The minimum net free ventilating area shall be 1/150 of the area of the vented space.

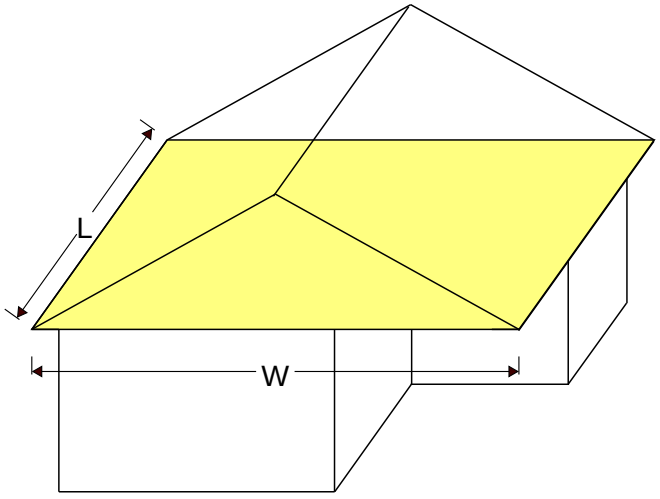
1) Total Roof Area *W x L = Roof Area* Do this for all roof areas and combine for Total Roof Area. **TRA = _____ft²**

2) Ventilation Area *TRA / 150 = Roof Ventilation Area (RVA)* **TRA_____ divided by 150 = RVA = _____ft²**

3) Ventilation Requirements Roof Ventilation:

Type: _____Make and Model:_____ Net Free Area (NFA):_____per vent or linear foot

RVA ft2 / NFA ft2 = vents or feet **RVA _____divided by NFA_____=_____vents or feet**



To use the 1:300 rule, you must confirm the following:

A class I or class II vapor retarder is installed to the warm in winter side of the ceiling assembly: **Yes** ☐ **No** ☐

Roof intake Net Free Area is functional and provides 40-50% of Roof Ventilation Area (RVA): **Yes** ☐ **No** ☐

1) Total Roof Area W x L = Roof Area Do this for all roof areas and combine for Total Roof Area.

2) Ventilation Area *TRA / 300 = Roof Ventilation Area (RVA)* **TRA_____ divided by 300 = RVA = _____ft²**

RVA / 2 = Exhaust Ventilation Area (EVA) **RVA_____ft² / 2 = EVA = _____ft²**

3) Exhaust Vent Requirements Roof Ventilation:

Type: _____Make and Model:_____ Net Free Area (NFA):_____per vent or foot

*If Net Free Area is expressed in ft², continue to step 4.

Convert Net Free Area in² to ft² by dividing in² by 144. **NFA_____in² / 144 = NFA_____ft²**

4) Total Exhaust Ventilation Required (with 3' of Roof Peak)

EVA ft2 / NFA ft2 = vents or feet **EVA _____divided by NFA_____ ft²=_____vents or feet**