



Below is a copy of the Attic Ventilation Note. Write this note out in CAD, exactly as it is shown below. Remember you are going to be inserting your drawing at the scale  $\frac{1}{4}''=1'-0''$  so choose the proper text size.

You will then fill in the "LETTERS-BLANKS" with the proper numbers.

On this sheet, show your work and turn in for credit.

### ATTIC VENTILATION NOTE

ATTIC VENTILATION SHALL BE PROVIDED IN THE RATIO OF 1 SQ. FT. (NET) OF VENTILATION PER 300 SQ. FT. (NET) OF ATTIC SPACE. 50% OF VENTING SHALL BE PROVIDED BY SOFFIT VENTS AND 50% PROVIDED BY ROOF VENTS PLACED A MIN. OF 30" ABOVE SOFFIT VENTS.

#### REQUIRED VENT AREA:

$$\text{VENT AREA RATIO} = 1:300$$

$$\text{ATTIC AREA} = "A" \text{ SQ. FT. (+150)} = "B" \text{ SQ. FT.}$$

$$\text{VENT AREA} = "B" \times 144 = "C" \text{ SQ. IN.} / 300 = "D" \text{ SQ. IN.}$$

$$50\% \text{ SOFFIT AND } 50\% \text{ RIDGE} = "D" / 2 = "E" \text{ SQ. IN. EACH}$$

#### VENT AREA PROVIDED: (MINIMUM)

$$\text{ROOF LOUVER TYPE @ } 50 \text{ SQ. IN. EACH} = "E" \div 50 = "F" \text{ UNITS}$$

$$\text{TOTAL VENTING AT ROOF} = "F" \times 50 = "G" \text{ SQ. IN.} > "E" \text{ SQ. IN.}$$

$$8" \times 16" \text{ SOFFIT LOUVER @ } 56 \text{ SQ. IN. EACH} = "E" / 56 = "H" \text{ UNITS}$$

$$\text{TOTAL VENTING AT SOFFIT} = "H" \times 56 = "J" \text{ SQ. IN.} > "E" \text{ SQ. IN.}$$

#### "MASTER FLOW" VENTS SPECIFIED:

UNDER EAVE SOFFIT VENT MODEL NO. EA/16XB

ROOF LOUVER VENT MODEL NO. 5B50

NOTE TO BUILDER: INSTALL PROPER ROOF, RIDGE AND SOFFIT VENTS PER THE ABOVE CALCULATIONS.