City of Madera – Building Division
Attic Ventilation Worksheet

Job Address: ________________________________

Step 1: Determine Total Square Feet of Attic Floor Space to be ventilated. (Repeat as needed.)

\[
\text{Length of Attic} \times \text{Width of Attic} = \text{sq. ft. of Attic (1a)}
\]
\[
\text{Length of Attic} \times \text{Width of Attic} = \text{sq. ft. of Attic (2a)}
\]
\[
\text{Length of Attic} \times \text{Width of Attic} = \text{sq. ft. of Attic (3a)}
\]
\[
\text{Length of Attic} \times \text{Width of Attic} = \text{sq. ft. of Attic (4a)}
\]

\[
\text{Net Ventable Attic space} = \frac{\text{sq. ft. (b)}}{(1a + 2a + 3a + 4a + \ldots)}
\]

Step 2: Calculating Ventilation Requirements

\[
\frac{\text{b}}{150} = \text{sq. ft. Total Code Required Ventilation (c)}
\]

Step 3: Convert sq. ft. into sq.in.

\[
\text{b} \times 144 = \text{sq. in. Total Code Required Ventilation (d)}
\]

Step 4: Determine High and Low Ventilation Requirements

\[
\frac{\text{d}}{2 \text{ (high & low)}} = \text{sq. in. of Code Required Ventilation High (1f)}
\]

\[
\frac{\text{d}}{2 \text{ (high & low)}} = \text{sq. in. of Code Required Ventilation Low (2f)}
\]

Step 5: Determine High and Low Ventilation Requirements

<table>
<thead>
<tr>
<th># of Vents</th>
<th>Type of Vent</th>
<th>Size</th>
<th>*Sq. In.</th>
<th>Total Sq. In.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing High Vents</td>
<td></td>
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<td></td>
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<tr>
<td>Existing Low Vents</td>
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<tr>
<td>Provided High Vents</td>
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<tr>
<td>Provided High Vents</td>
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<tr>
<td>Provided Low Vents</td>
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<tr>
<td>Provided Low Vents</td>
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</tbody>
</table>

*Net free sq. in. per vent manufacturer

Total Ventilation Provided, Including Existing: \( \text{sq. in.} \)

Total Code Required Ventilation: \( \text{sq. in.} \)