ROOF TYPES (shed)

When enclosed, venting required - each end, each space - who obstructs. 1" air space min.

1" clear

Rafter span measured horizontally

Rafters - see table below

Gutter and downspouts to approved drainage (see permit specialist)

R O O F  F R A M I N G (shed)

scale - 3/4" = 1'-0"

Rafter Span Table R802.5.1(5)
ground snow load = 30 psf L/D = 240, dead load = 10psf

<table>
<thead>
<tr>
<th></th>
<th>12&quot; o.c.</th>
<th>16&quot; o.c.</th>
<th>24&quot; o.c.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>8'-7&quot;</td>
<td>7'-10&quot;</td>
<td>6'-8&quot;</td>
</tr>
<tr>
<td>2x6</td>
<td>13'-6&quot;</td>
<td>11'-1&quot;</td>
<td>9'-9&quot;</td>
</tr>
<tr>
<td>2x8</td>
<td>17'-5&quot;</td>
<td>15'-1&quot;</td>
<td>12'-4&quot;</td>
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<tr>
<td>2x10</td>
<td>21'-4&quot;</td>
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</tr>
</tbody>
</table>

NOTES:

1. 2:12 slope min. for 3 tab composition roofing - for slopes 2:12 to 4:12, two layers of 15# felt required, applied shingle fashion. R905.2.7.

2. Pitches less than 2:12 are to be hot mop, metal, sheet metal, rolled roofing or other approved material, applied as directed in approved manufacture's instructions.

3. When ceiling is applied, vent each rafter space continuously through top and bottom blocking.
   When heated, insulate with R-38 insulation, using 2x12 rafters to allow one inch vent space R806.3.

4. When attaching to existing building show ledger, size and method of fastening joist and ledger.
   Show required flashing.

5. Rafters are D.F. #2 per IRC Table R802.5.1(5).