RESIDENTIAL PATIO COVER PLAN

Job Address: ___________________________ Permit No. ___________________________
Applicant: ___________________________ Date: ___________________________

1) Plot Plan: Attach a completed “Residential Addition/Alteration Plot Plan” form.

2) BEAM/HEADER TABLES (#2 D.F.; no snow or walkable deck loads, assumes 1 ft. overhang)

<table>
<thead>
<tr>
<th>Span between posts</th>
<th>Width of Patio</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ft</td>
<td>10 ft 12 ft 14 ft 16 ft 18 ft 20 ft</td>
</tr>
<tr>
<td>4 ft</td>
<td>4x4 4x4 4x4 4x4 4x4 4x4</td>
</tr>
<tr>
<td>6 ft</td>
<td>6x6 6x6 6x6 6x6 6x6 6x6</td>
</tr>
<tr>
<td>8 ft</td>
<td>8x6 8x6 8x8 8x8 8x10 8x10</td>
</tr>
<tr>
<td>10 ft</td>
<td>10x8 10x8 10x10 10x10 10x10 10x10</td>
</tr>
<tr>
<td>12 ft</td>
<td>12x10 12x10 12x12 12x12 12x12 6x12</td>
</tr>
</tbody>
</table>

3) RAFTERS (#2 D.F.; no snow or walkable deck loads; no ceiling loads)

<table>
<thead>
<tr>
<th>Rafter Spans (10#/sf Live Load)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
</tr>
<tr>
<td>2x4</td>
</tr>
<tr>
<td>2x6</td>
</tr>
<tr>
<td>2x8</td>
</tr>
<tr>
<td>2x10</td>
</tr>
<tr>
<td>2x12</td>
</tr>
<tr>
<td>4x4</td>
</tr>
<tr>
<td>4x6</td>
</tr>
</tbody>
</table>

* = Blocking at mid-span of rafters

4) Roof Coverings:

<table>
<thead>
<tr>
<th>Type of Roof Covering</th>
<th>Minimum roof slope for type of roof covering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt shingles</td>
<td>2 inches in 12, with special built up</td>
</tr>
<tr>
<td>Tile</td>
<td>2 ½ inches in 12, with special built up</td>
</tr>
<tr>
<td>Rock, built up (hot mopped)</td>
<td>½ inch in 12, for minimum drainage</td>
</tr>
<tr>
<td>Rolled composition roofing</td>
<td>½ inch in 12, for minimum drainage</td>
</tr>
<tr>
<td>Metal</td>
<td>½ inch in 12, for minimum drainage</td>
</tr>
<tr>
<td>Lattice</td>
<td>Flat (1/4 inch in 12 recommended for possible change to solid roof covering)</td>
</tr>
</tbody>
</table>

ROOFING NOTES:

1) Due to low pitch on most patio covers, asphalt shingles and tile roof coverings cannot be used.
2) All roofing materials to be installed as per the manufacturer’s specifications.
3) Class C minimum.
4) Metal roof coverings are to be non-glare; prior approval by Planning required for most applications.

5) Connections to Existing Structure:

NOTE: Connection of the patio rafters to truss tails or fascia attached to trusses is not allowed without the approval of the truss engineer; connection to rafter tails or fascia attached to rafters may required the use of connection hardware not addressed on this plan and may require the attention of an engineer.
7) ELEVATION (View from the front) Fill in the brackets ( ) with the required information:

Rafters: Size ( ), Spacing ( in. o.c.)

Beam size ( )

Listed "T" or "L" straps at all post and beam connections; ½" dia. machine bolts, min.; or per manufacturer's specifications.

Listed post base, bolt per listing; typical.

All exposed wood to be sealed or painted for final inspection.

Beam splice over posts

6' 8" min.

Post spacing ( ft.)

Total length of patio ( ft.)

Footing width ( in.)

Not to Scale