Covered Patio Details
(Fill in all required spaces)
Hardware requires Manufacturer and Model

Development Services
Department
90 E. Civic Center Dr.
Gilbert, AZ 85296
(480) 503-6700-Phone
(480) 497-4923-Fax
www.gilbertaz.gov

A Community of Excellence

NOTE:
Cross ventilation required where ceiling is applied. Drywall exterior type only. (Soffit)

Doug Fir Larch (DFL)/Hem Fir # 2 & BTR.

<table>
<thead>
<tr>
<th><strong>Minimum Rafter Size (inches)</strong></th>
<th>Rafter Spacing (center to center)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post Spacing 12” 16” 24”</td>
<td>(ft)</td>
</tr>
<tr>
<td>10</td>
<td>2x6  2x6  2x8  2x6*  2x8</td>
</tr>
<tr>
<td>11</td>
<td>2x6  2x6  2x8  2x8*  2x8</td>
</tr>
<tr>
<td>12</td>
<td>2x6  2x6  2x8  2x8*  2x8</td>
</tr>
<tr>
<td>13</td>
<td>2x8  2x8  2x10  2x10  2x10</td>
</tr>
<tr>
<td>14</td>
<td>2x8  2x8  2x10  2x10  2x10</td>
</tr>
<tr>
<td>15</td>
<td>2x8  2x8  2x10  2x10  2x10</td>
</tr>
<tr>
<td>16</td>
<td>2x8  2x8  2x10  2x10  2x10</td>
</tr>
<tr>
<td>17</td>
<td>2x8  2x10  2x10  2x10  2x10</td>
</tr>
<tr>
<td>18</td>
<td>2x10  2x10  2x10  2x10  2x10</td>
</tr>
<tr>
<td>19</td>
<td>2x10  2x10  2x10  2x10  2x10</td>
</tr>
</tbody>
</table>

*DFL only
Doug Fir Larch (DFL) # 2 & BTR

<table>
<thead>
<tr>
<th><strong>Minimum Beam Sizes (inches)</strong></th>
<th>Post 175 210 245 280 315 350 385 6’ 8’ 10’ 12’ 14’ 16’ 18’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rafter Span (ft)</td>
<td>Spacing (ft)</td>
</tr>
<tr>
<td>4x6  4x6  4x6  4x6  4x6  4x6  4x6  4x6</td>
<td></td>
</tr>
<tr>
<td>4x6  4x6  4x6  4x8  4x8  4x8  4x8  4x8</td>
<td></td>
</tr>
<tr>
<td>4x6  4x8  4x8  4x10  4x10  4x10  4x12  4x12  4x14  4x14  4x14  4x14</td>
<td></td>
</tr>
</tbody>
</table>

* = 1/2 Rafter Span + 2 foot Overhang
** = LL 20# DL 15#
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DETAIL 'D'

NOTE:
Rafters shall not be secured/supported to fascia board

Rafters or ledgers shall not be secured to plywood or OSB I-Joist or rim board

Remove stucco materials and properly flash prior to ledger

DETAIL 'A'

Flashing

Provide approved joist hanger

DETAIL 'B'

NOTE:
Rafters shall not be secured/supported to fascia board

Rafters or ledgers shall not be secured to plywood or OSB I-Joist or rim board

Remove stucco materials and properly flash prior to ledger

DETAIL 'C'

Existing truss or rafter

New rafter

xledger w/ 2-16 D @ ea.
stud & ¼" lag bolts @ 32" o.c.

DETAIL 'D'

Roof sheathing to be attached with 8D nails spaced 6" on center at edge and 12" on center field (as a minimum)