This standard plan complies with fire-resistive construction requirements for Wildland-Urban Interface (WUI) areas

PATIO COVER REQUIREMENTS:

- Patio covers are one-story structures not exceeding 12 feet in height.
- Patio covers shall be used for recreational, outdoor living purposes and not as carports, garages, storage rooms or habitable rooms.
- Openings shall be permitted to be enclosed with insect screening.
- Enclosure walls shall be permitted to be any configuration, provided the open area of the longer wall and one additional wall is equal to at least 65% of the area below a minimum of 6'-8" of each wall, measured from the floor.
- Exterior openings required for light and ventilation shall be permitted to open into a patio structure. However, the patio structure shall be completely unenclosed if such openings are serving as emergency egress or rescue openings from sleeping rooms.
- Where the patio cover is connected to an existing building there shall be no window, door, or other openings under the patio cover that are greater than 6 feet wide, unless otherwise justified.
- The California Building Code requires that the minimum distance from property line to the proposed patio cover shall be 5 feet. Please see the Zoning Ordinance for zoning requirements.

CARPORT REQUIREMENTS:

- Carports shall be entirely open on two or more sides.
- Where the carport is connected to an existing building there shall be no window, door, or other openings under the carport that are greater than 6 feet wide, unless otherwise justified.
- Minimum distance from property line to proposed carport shall be 5 feet.

GENERAL REQUIREMENTS:

- No modification shall be made to these plans unless approval is obtained.
- The use of this standard plan is limited to residential occupancies and accessory structures.
- This plan must be accompanied by a plot plan prepared in compliance with Plot Plan Minimum Requirements (PDS 090).
- All work shall comply with the current California Building Code and/or current California Residential Code, as amended and adopted by the County of San Diego.
- Minimum Construction Specifications (PDS 081) shall be used in conjunction with this plan.
- Outdoor lighting shall comply with the County of San Diego Outdoor Lighting Ordinance.
- Outdoor lighting fixtures shall be high-efficacy luminaires or a photo-control/motion-sensor combination.
- Framing members shall be Douglas Fir-Larch #2 or better.
- Fasteners for preservative treated wood shall be of hot dipped zinc-coated galvanized steel, stainless steel, silicon bronze, or copper.
- The horizontal distance from the bottom leading edge of footings to daylight shall be 7'-0" minimum.
- Concrete mix for footings shall have a minimum compressive strength of $f'_{c} = 2,500$ psi.
A  ATTACHED PATIO COVER/CARPORT WITH ENCLOSED SOFFIT

- DRIP FLASH/GRAVEL STOP
  - Class A Rotted-Torch-Down or Built-Up Roofing
  - Comp. Shingles at Min. 2:12 Slope
  - 26 ga. Galvanized Flashing Strip

- Boundary Nail

- 1/2" CGE Plywood

- 2" Roof Framing per Table A

- Existing Opening
  - Max. 6ft. Wide

- Existing Header

B  ATTACHED PATIO COVER/CARPORT WITH EXPOSED HEAVY TIMBER FRAMING

- DRIP FLASH/GRAVEL STOP
  - Class A Rotted-Torch-Down or Built-Up Roofing
  - Comp. Shingles at Min. 2:12 Slope
  - 26 ga. Galvanized Flashing Strip

- Boundary Nail

- Min. 2x Tag

- Min. 4x8 Rafter at 32" O.C.

- Existing Opening
  - Max. 6ft. Wide

- Existing Header

- 6" N.L.

- 5 1/2" Concrete Slab

- SEE DETAIL 1

- SEE DETAIL 2

- SEE DETAIL 4
**TABLE A: MINIMUM RAFTER SIZES***

<table>
<thead>
<tr>
<th>Rafter Span (Ft.)</th>
<th>Rafter Spacing (center-to-center)</th>
<th>12&quot;</th>
<th>16&quot;</th>
<th>24&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2x4</td>
<td>2x4</td>
<td>2x4</td>
<td>2x4</td>
</tr>
<tr>
<td>8</td>
<td>2x4</td>
<td>2x4</td>
<td>2x6</td>
<td>2x6</td>
</tr>
<tr>
<td>10</td>
<td>2x6</td>
<td>2x6</td>
<td>2x6</td>
<td>2x6</td>
</tr>
<tr>
<td>12</td>
<td>2x6</td>
<td>2x6</td>
<td>2x6</td>
<td>2x8</td>
</tr>
</tbody>
</table>

*Rafter spacing is specified at the center of the rafters.*

**TABLE B: MINIMUM BEAM SIZES***

<table>
<thead>
<tr>
<th>Post Spacing (Ft.)</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>4x4</td>
<td>4x4</td>
<td>4x4</td>
<td>4x4</td>
</tr>
<tr>
<td>6</td>
<td>4x4</td>
<td>4x4</td>
<td>4x6</td>
<td>4x6</td>
</tr>
<tr>
<td>8</td>
<td>4x6</td>
<td>4x6</td>
<td>4x6</td>
<td>4x8</td>
</tr>
<tr>
<td>10</td>
<td>4x8</td>
<td>4x8</td>
<td>4x8</td>
<td>4x8</td>
</tr>
<tr>
<td>12</td>
<td>4x8</td>
<td>4x10</td>
<td>4x10</td>
<td>4x10</td>
</tr>
</tbody>
</table>

*Beams of less than 4x10 or 6x8 nominal size shall be approved fire-retardant treated lumber or protected by fiber cement board.*

**TABLE C: FOOTING WIDTH “W”**

<table>
<thead>
<tr>
<th>Post Spacing (Ft.)</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>12&quot;</td>
<td>12&quot;</td>
<td>12&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>6</td>
<td>12&quot;</td>
<td>12&quot;</td>
<td>12&quot;</td>
<td>14&quot;</td>
</tr>
<tr>
<td>8</td>
<td>12&quot;</td>
<td>14&quot;</td>
<td>14&quot;</td>
<td>16&quot;</td>
</tr>
<tr>
<td>10</td>
<td>14&quot;</td>
<td>16&quot;</td>
<td>16&quot;</td>
<td>16&quot;</td>
</tr>
<tr>
<td>12</td>
<td>16&quot;</td>
<td>16&quot;</td>
<td>18&quot;</td>
<td>18&quot;</td>
</tr>
</tbody>
</table>

*Footing size is determined by the post span and the rafter spacing.*

---

*Rafters of less than 4x6 nominal size shall be approved fire-retardant treated lumber or protected by fiber cement board.*

*Beams of less than 4x10 or 6x8 nominal size shall be approved fire-retardant treated lumber or protected by fiber cement board.*
1 LEDGER AT EXISTING WALL

2 BEAM TO POST CONNECTION
   PROVIDE BRACING AT ALL POSTS PER DETAILS 3 & 3A

3 KNEE-BRACE

3A KNEE-BRACE @ CORNER

4 PIER FOOTING
   SQUARE "W"X"W" (SEE TABLE C)

4A ALTERNATE CONTINUOUS FOOTING
   (SEE TABLE C)

5 OPTIONAL TRELlIS DETAIL
   PROVIDE BRACING AT ALL POSTS PER DETAILS 3 & 3A