A building permit is required to construct a patio cover. Please bring two (2) copies of the following to the building department when applying for a building permit:

1. On a separate sheet, draw a plot plan showing the location of the patio cover in relation to the house. Include the overall dimensions of the patio cover as well as the dimensions to adjacent structures, property lines, pools, and septic systems.

2. On this sheet, fill in the blanks where indicated by a box. Any deviation from the plans shall be clearly indicated and approved by the building department. Patio covers at elevations over 3500 feet are subject to snow loads and may differ from this plan. The building department permit technician can assist you if necessary.

3. For additional wall covering and opening requirements refer to Appendix H of the California Residential Code.

4. This design does not provide for future conversion to habitable space.

5. This detail does not apply to patio covers in a Fire Hazard Severity Zone.

**Connection Details**

- See existing structure
- 2x4 post @ o.c.
- 4x4 beam
- Existing structure
- 3 1/2" conc. slab
- 1" x 12" deep footing if load on post exceeds 750 lbs.
- 1" min. separation between wood and concrete
- 1/4" ft. slope
- 2x rafters @ o.c.
- postcap
- postbase
- 12' max height

**Bearing Connection**

- Sheathing - nail to blocking @ 6" o.c.
- Solid blocking
- Existing structure
- Top plate
- Rafter - set on top plate
- Rafter - max. 10' span from fascia if using this connection detail

**Ledger Connection**

- Sheathing - nail to ledger @ 6" o.c.
- Existing structure
- Stud
- Joist hanger
- 2x ledger at least as deep as rafters. 2-SDS 1/4 screws (or equal) or 3/8" x 5" lag bolt @ 16" o.c. each stud

**Fascia Connection**

- Fascia shall be minimum 2X

**Existing Structure**

- 2x6
- 2x8
- 4x6
- 4x8
- 4x10
- 4x12
- LL = 10psf; DL = 10psf; DF-L #2

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**Kern County Public Works**

Building & Code
Building Inspection Division
2700 M Street, Suite 100
Bakersfield, CA. 93301 (661) 862-8650

01/01/20 - 2019 CRC

Residential Patio Covers