MUST EXTEND 12" BELOW BOTTOM OF SLAB
WITH POST BASE IN CENTER FOOTING
12" X 12" X 12" CONCRETE FOOTING

AND HARDWARE.
DETAILS SIZE SCHEDULES.
SEE OTHER SIDE FOR

---

POST SIZE

---

BEAM SIZE

---

RAFTER SIZE

---

LENGTH X WIDTH
TOTAL SQUARE FEET

---

THEN 2` PER FOOT.
ROOF SLOPE IS MORE ROOFED ROOFING.
ROLLIN` FELT AND
USING 39 IN MAILS WITH
EDGE 5` 12` FIELD
NAILED 6` 12` FIELD.
OR 08 SHEETING
MINIMUM 1/2` FLYWOOD
ROOF MUST HAVE A

ATTACHMENT
FOR Tipo OF
SEE DETAIL #2 & #4

---

DATE
PHONE NUMBER
OWNERS NAME
ADDRESS

---

STANDARD PATIO PLAN
TYPICAL ROOFED PATIO COVER

INSTRUCTIONS:
1. A building permit for a patio cover may be obtained using these City standard drawings. Simply fill in the blanks and information requested on these plans.
2. Complete an "Application for a Building Permit" and present it with these plans to a permit specialist.
3. Deviations from the construction and designs shown in these drawings will require complete plans and details and must be reviewed by a City Plan Check Engineer prior to obtaining a building permit.

GENERAL INFORMATION:
1. A patio cover is a one-story structure that does not exceed 12-feet in height above the adjacent grade.
2. Patio covers shall be used for recreational, outdoor living purposes only and shall not be used as carports, garages, storage rooms or habitable rooms.
3. Patio covers may be attached or detached and must be accessory to a single-family dwelling or individual dwelling unit in a multiple-dwelling building.
4. Patio covers may be partially enclosed provided the area of the longer wall and one additional wall is at least 65% open. Openings may be enclosed with insect screening or readily removable plastic (translucent or transparent) up to 1/8-inch thick. Framed windows are not permitted.

MATERIALS:
1. WOOD shall be grade marked Douglas Fir Larch No. 2 or better.
2. CONCRETE shall have a minimum strength of 2500 psi in 28 days.
3. FRAMING HARDWARE shall be ICBO approved for the intended use and installed per manufacturers' specifications using all recommended fasteners.
4. ROOF SHEATHING shall be continuous over 2 or more rafter spans; face grain shall be perpendicular to supports and maximum span shall be as follows:

   SHEATHING       SPAN RATING   MAX. SPAN   NAILING
   3/8" CDX Plywood 20/0        16" O.C.  6d common or deformed shank
   1/2" CDX Plywood 24/0        24" O.C.  6d common or deformed shank
   5/8" CDX Plywood 40/20       32" O.C.  8d common or 6d deformed shank
   3/4" CDX Plywood 48/24       38" O.C.  8d common or 6d deformed shank
   1 1/8" CDX Plywood 60/48     48" O.C.  10d common or 8d deformed shank
   1 x nominal lumber 24" O.C.  2 - 8d at each lap
   (all nail spacing for plywood sheathing shall be 6" on center at edges and 12" on center in field)
5. ROOF COVERING shall be Class B or better fire retardant lightweight or heavyweight. (Rafter shall be sized based on the roof being used). Light weight roofs include asphalt or fiberglass shingles, cap sheets, built-up and hot-mopped roofs. Heavyweight roofs include concrete, clay or slate tile.

REQUIRED INSPECTIONS:
1. FIRST INSPECTION shall be after excavation for the footings (before any concrete is poured) and verification of the solid wood backing for the ledger boltling.
2. SECOND INSPECTION shall be the framing inspection when all framing has been completed. The roof sheathing and nailing will be inspected at this time.
3. THIRD INSPECTION will be the final inspection after the roof covering has been installed.

PLEASE READ AND SIGN:
The owner and/or contractor, as applicant for this permit, has read and understands the information on this page and agrees to construct the proposed patio cover as shown on these plans.

Signature of Applicant ___________________________ Date: ___________________________
# Typical Roofed Patio Cover

**Flashing & Chaulking Bead**

Approved roof covering over plywood or 1" roof sheathing.

- 1/2" x 5 1/2" lag bolts at 16" O.C. staggered (for rafter spans up to 16 feet). Use 2 bolts at 16" O.C. for rafter spans over 16'. Note: lag bolts must go into 2x wood framing. (verified on site)

**Approved Hanger**

Continuous ledger 2 x depth of rafters existing stucco wall.

## Ledger Connection - "A"

- Brace and beam arccurs at intermediate post.
- 4" x 4" knee brace with 1/2" x 5" lag bolts at each end.

## Rafter to Beam Detail - "B"

- 3-1/2" patio slab sloped away from house.
- 1" air space (standoff) between wood and slab. (6" to any soil).
- 3-1/2" patio slab sloped away from house.

## Kneebracing Detail - "C"

## Typical Footing Detail - "D"

### Allowable Rafter Spans - (No Ceiling)

<table>
<thead>
<tr>
<th>Rafter Size</th>
<th>Rafter Spacing</th>
<th>Light Roof</th>
<th>Heavy Roof</th>
<th>Rafter Size</th>
<th>Rafter Spacing</th>
<th>Light Roof</th>
<th>Heavy Roof</th>
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### Beam Spans

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<th>Beam Size</th>
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City of Coalinga

155 W. Durian Avenue
Coalinga, CA 93210

TYPICAL ROOFED PATIO COVER

POST (SEE SECTION)

FASCIA BOARD

OPTIONAL

MAXIMUM OVERHANG = 4 TIMES RAFTER DEPTH (32" MAX.)

3 - 8d toenails @ rafter to beam and at blkg. to beam.

SUPPORTING BEAM

(SEE FRONT VIEW)

POST (SEE SECTION)

6d common nails at 6" O.C. to 2x blkg.

RAFTER TO BEAM DETAIL - "B"

APPROVED ROOF COVERING OVER ROOF SHEATHING

ROOF RAFTERS

(SEE SECTION)

LEDGER CONNECTION - "A"

CONTINUOUS LEDGER 2 X DEPTH OF RAFTERS

EXISTING STUCCO WALL

APPROVED POST CAP OR 1/2 GAUGE 1-1/2" X 12" STEEL 'T' OR 'L' STRAPS EACH SIDE WITH 1/2" DIA. MACHINE BOLTS.

4" X 4" KNEE BRACE WITH 1/2" X 5" LAG BOLTS AT EACH END.

KNEEBRACING DETAIL - "C"

NATURAL OR COMP. GRADE

MIN

14"
NOTE: All of these items must be shown on submitted plot plan:

1. Draw lot, show lot measurements and show all existing and proposed structures.
2. Show all easements located on this lot.
3. Label all existing and proposed structures.
4. Show any buildings to be removed or demolished.
5. Show dimensions of all structures.
6. Show distances between all structures.
7. Show distances between all structures and property line.
8. Indicated the direction of North on plot plan.
9. Show existing driveway and any changes to proposed driveway. Show distances to property lines. (If any driveway changes are proposed, refer to right-of-way handout.)
10. Label frontage street and adjacent street if a corner lot.
11. Note: The curb line is NOT the property line.