



**TEHACHAPI**

CALIFORNIA

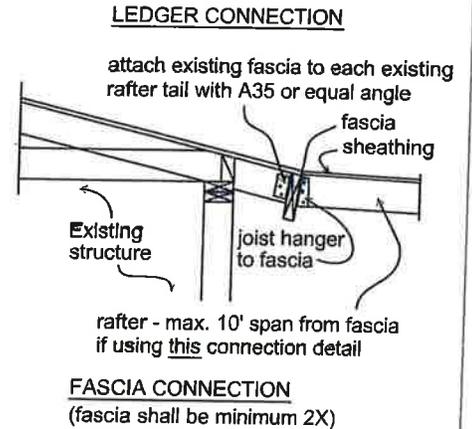
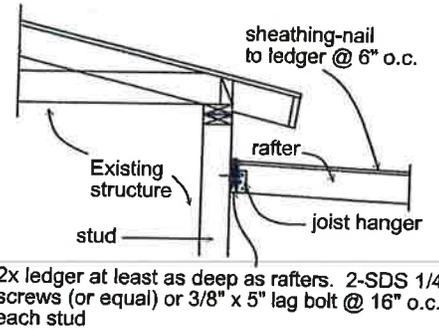
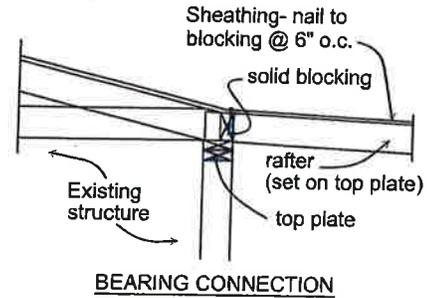
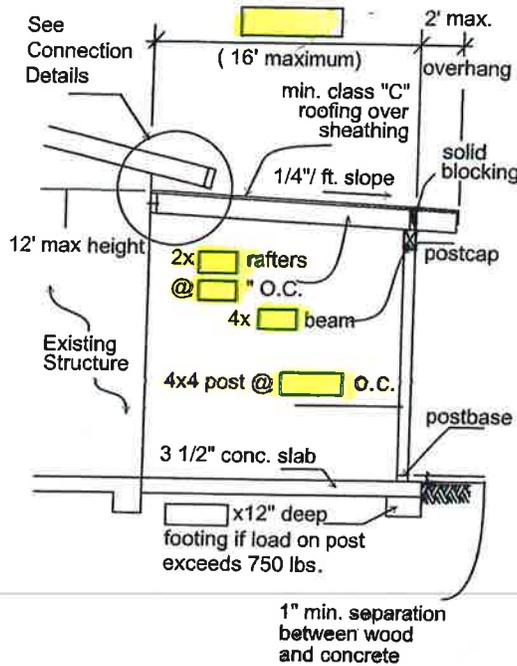
Live Up.

**CITY OF TEHACHAPI**  
**BUILDING AND SAFETY DIVISION**

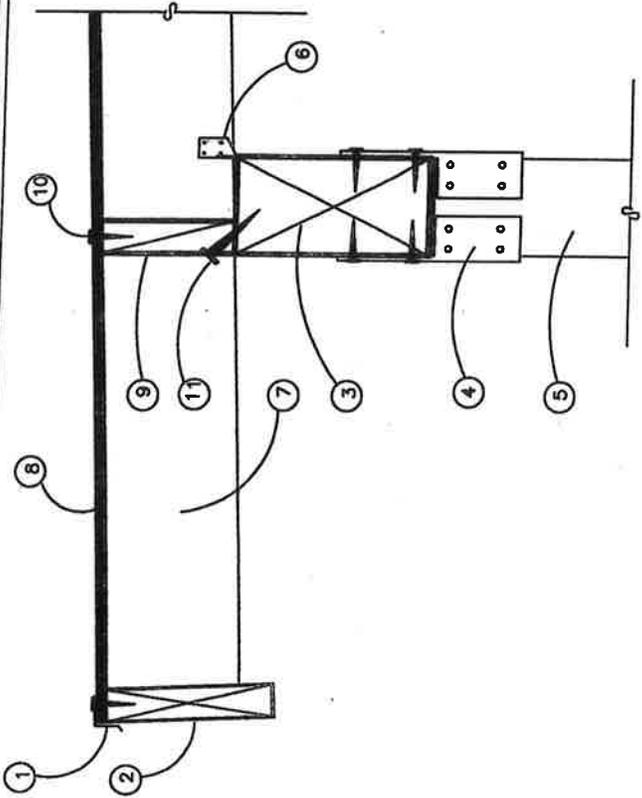
**TYPICAL PATIO COVER**

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.

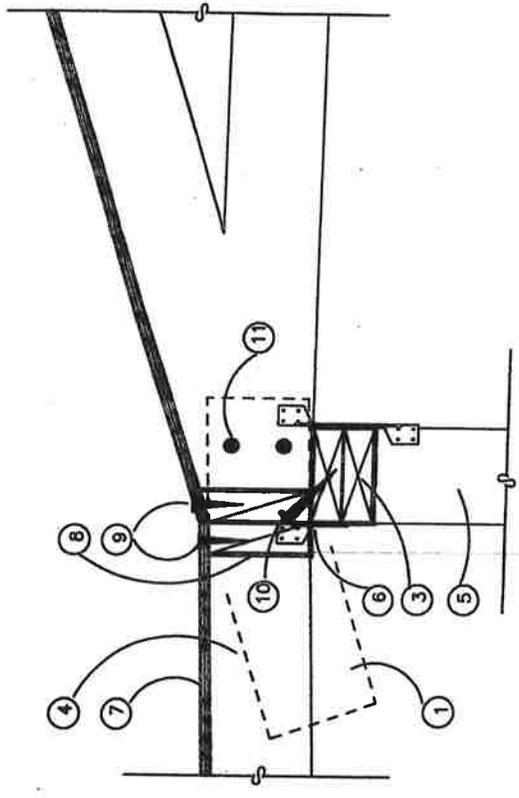


RAFTER SIZE	SPACING	MAX. SPAN
2X6	12'	13'-9"
	16"	11'-11"
	24"	9'-9"
2X8	12"	17'-5"
	16"	15'-1"
	24"	12'-4"
BEAM SIZE	MAX. SPAN	
4X6	4'	
4X8	6'	
4X10	8'	
4X12	10'	
6X8	10'	
6X10	12'	
6X12	14'	



- ① GALVANIZED IRON DRIP Γ
- ② 2 X 6" Fascia (if used)
- ③ SEE PATIO PLAN FOR SIZE
- ④ PC44 OR EQUIVALENT
- ⑤ POST, SEE PLAN FOR SIZE
- ⑥ H2.5 @ EA. ROOF RAFTER
- ⑦ PATIO RAFTER, SEE PLAN FOR SIZE
- ⑧ 5/8" Plywood SHEATHING
- ⑨ 2 x SOLID BLOCKING
- ⑩ EDGE NAILING 8d @ 6" O/C MIN.
- ⑪ 3-16d/BAY TOENAILING TO TOP PLATE

**B** PATIO BEAM CONNECTION



- ① CUT OVERHANG OFF, FLUSH W/ TOP PLATE
- ② NOT USED
- ③ DOUBLE TOP PLATE
- ④ NEW JOISTS BEARING ON TOP PLATE, SEE PLAN FOR SIZE
- ⑤ EXISTING STUD WALL
- ⑥ H2.5 @ EA. ROOF RAFTER
- ⑦ 5/8" CDX PLYWOOD SHEATHING
- ⑧ 2 x SOLID BLOCKING
- ⑨ EDGE NAILING 8d @ 6" O.C.
- ⑩ 3-16d/BAY TOENAILING TO TOP PLATE
- ⑪ MINIMUM TWO 10d NAIL

**A** PATIO ROOF TO EXISTING HOUSE

# Nailing Schedule

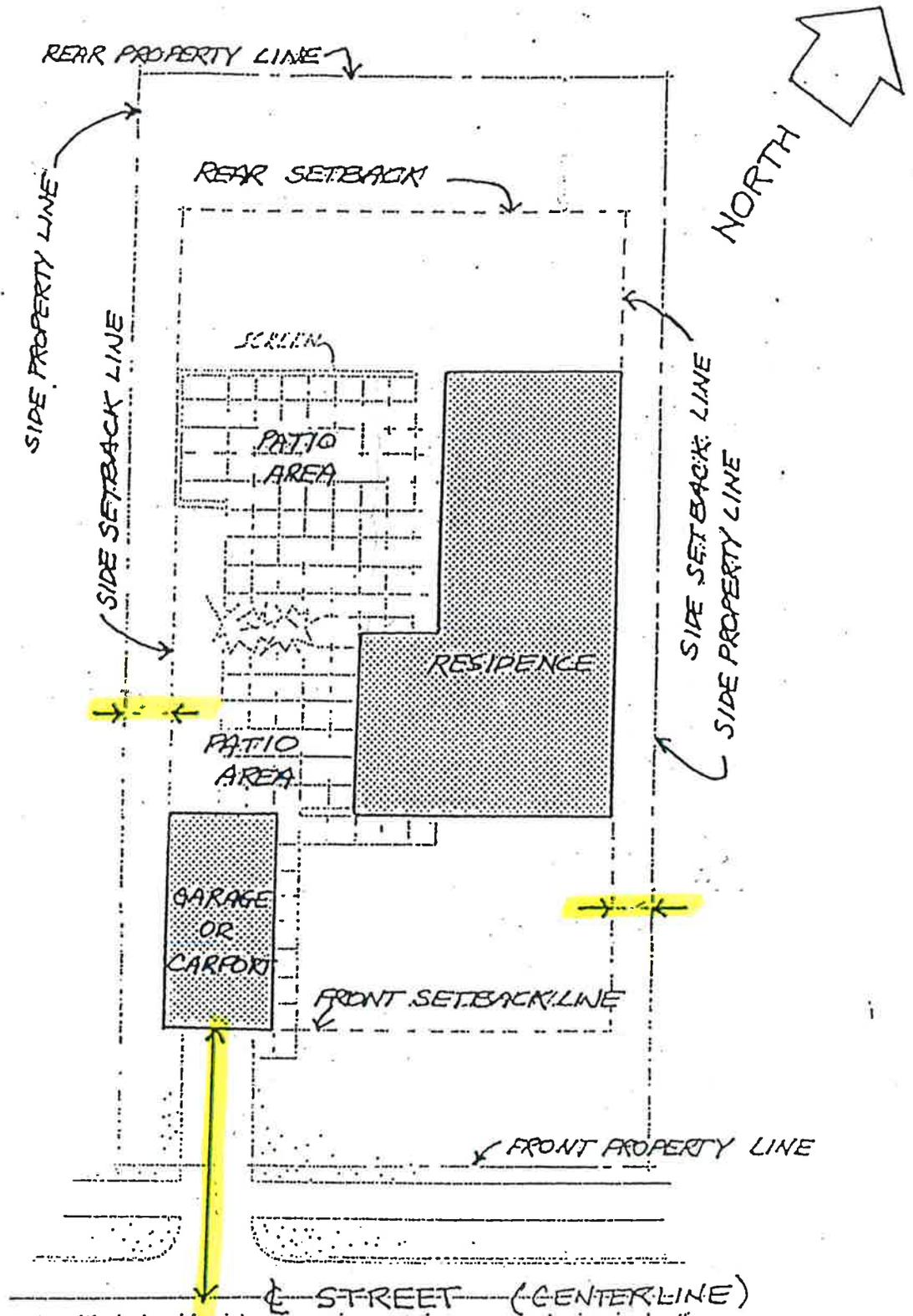
Include the Nailing Schedule in the Final Plans.

Building Elements	# and Type of Fastener	Spacing of Fasteners
Joist to sill or girder, toe nail	3-8d	
Sole plate to joist or blocking, face nail	16d	16 - o.c.
Top or sole plate to stud, end nail	2-16d	
Stud to sole plate, toe nail	3-8d or 2-16d	
Double studs, face nail	10d	24 - o.c.
Double top plates, face nail	10d	24 - o.c.
Sole plate to joist or blocking at braced wall panels	3-16d	16 - o.c.
Double top plates, minimum 48-inch offset of end joints, face nail in lapped area	8-16d	
Blocking between joists or rafters to top plate, toe nail	3-8d	
Rim joist to top plate, toe nail	8d	6 - o.c.
Top plates, laps at corners and intersections, face nail	2-10d	
Built-up header, two pieces with 1/2" spacer		16 - o.c. each
Edge	16d	
Ceiling joists to plate, toe nail	3-8d	
Continuous header to stud, toe nail	4-8d	
Ceiling joist, laps over partitions, face nail	3-10d	
Ceiling Joist to parallel rafters, face nail	3-10d	
Rafter to plate, toe nail	2-16d	
1x brace to each stud and plate, face nail	2-8d	
Built-up corner studs	10d	24 - o.c.
Roof rafters to ridge, valley to hip rafters		
toe nail		4-16d
face nail		3-16d
Rafter ties to rafters, face	3-8d	

## Wood structural panels, subfloor, roof and wall sheathing to framing

	Fastener	edges	intermediate
5/16 - 1/2	6d common nail (subfloor, wall)	6	12
	8d common nail (roof)	6	12
19/32 - 1	8d common nail	6	12
1 1/8 - 1 1/4	10d common nail or 8d deformed nail	6	12
Celluloisc fiberbd			
Sheathing	1 1/2 galv. Roofing nail	3	6

- All nails are smooth-common, box or deformed shanks except where otherwise stated.
- Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater
- Four-foot-by-8-foot or 4-foot-by-9 foot panels shall be applied vertically.

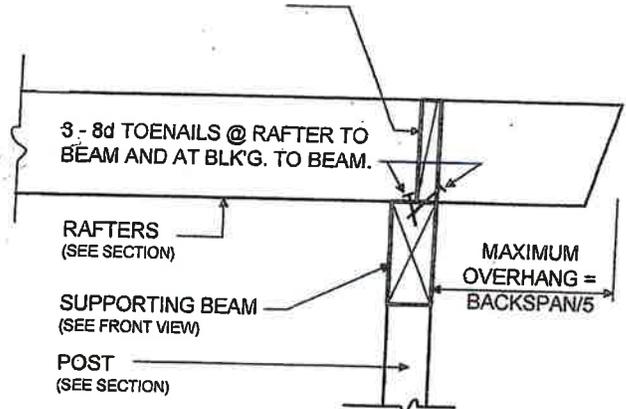


A-28 Typical residential yard requirements for a rectangular interior lot (from Federal Housing Administration, "Minimum Property Standards")

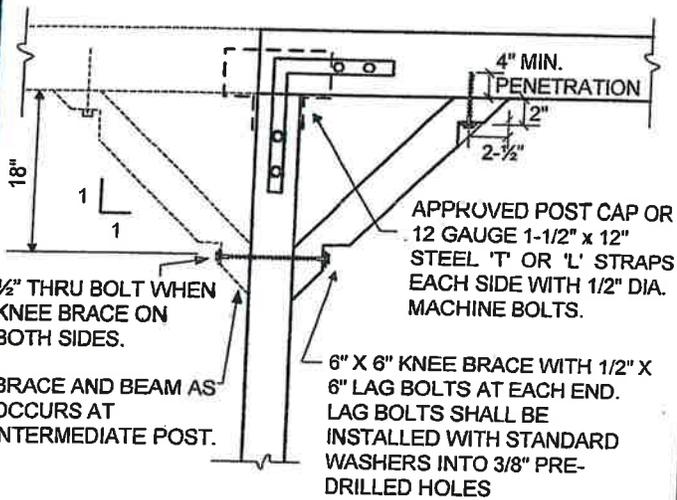
# LOT PLAN TYPICAL

# TYPICAL PATIO COVER DETAILS

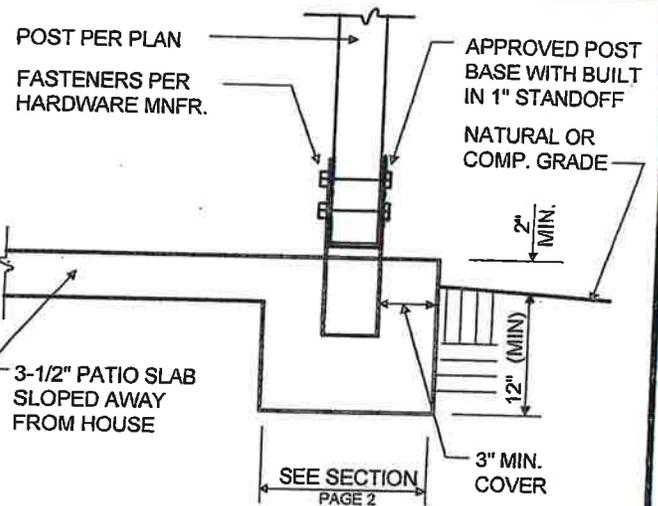
2" SOLID BLOCKING  
BETWEEN 2X RAFTERS.



**RAFTER TO BEAM DETAIL - "B"**



**KNEEBRACING DETAIL - "C"**



**TYPICAL FOOTING DETAIL - "D"**

CITY OF TEHACHAPI

BUILDING & SAFETY DIVISION

# TYPICAL 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. Approval by a Registered Architect, Civil Engineer, or Structural Engineer may be required.

## 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 must be accessory to a single-family dwelling or individual dwelling unit in a multiple dwelling building.

## 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 ICC approved for the intended use and installed per manufacturers' specifications using all recommended fasteners.

## 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: \_\_\_\_\_

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