



Residential Attached Patio Covers

Community Development
Building and Safety Division
919 Palm Street, San Luis Obispo, CA 93401-3218

T 805.781.7180
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www.slocity.org

Project Address: _____

Owner: _____

Patio Cover Area: _____

SITE/PLOT PLAN:

A complete site/plot plan must show the following:

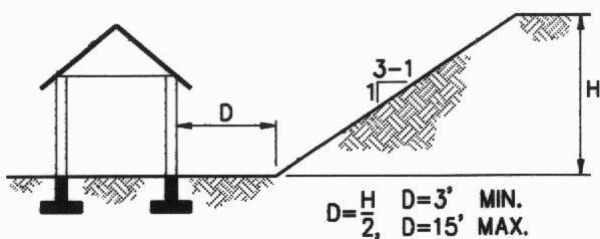
1. All property lines.
2. A north arrow, and location of the street.
3. All structures on the property and the distance between each structure.
4. The location and dimension (length x width) of the patio cover.
5. Any 3:1 or steeper slopes contiguous to the site. If there are no slopes, then note on plan: "No 3:1 or steeper slopes within 40-ft of proposed structures."; otherwise comply with the following:
 - a) Locate the top/toe of slopes, and show the distance between the patio cover and top/toe.
 - b) Specify the gradient and height of slopes.
 - c) The patio cover must meet the required slope setback per figures below.

INSTRUCTIONS:

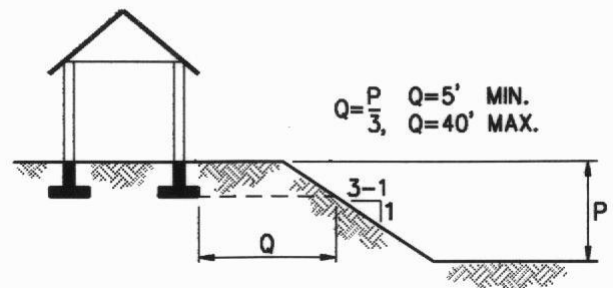
1. Obtain a preliminary approval from the Planning Department.
2. Complete a building permit application form.
3. Submit three (3) copies of these completed forms and site plans (maximum 11 x 17") for plan check.
4. Alternate design that deviates from these forms require custom plans/details and may require engineering.
5. All tile or slate roofs require engineered plans.

MATERIALS:

1. All wood shall be grade marked Douglas Fir Larch No. 2 or better. If member span is greater than 12-ft, then it shall be Douglas Fir Larch No. 1.
2. Minimum concrete strength = 4500 psi @ 28 days.
3. All pre-fabricated connectors shall be ICC approved.



ASCENDING SLOPE



DESCENDING SLOPE

CITY STANDARD (encompasses Wildland Urban Interface Requirements):

- A. Rafters (spaced) must be a 4x6 min. (heavy timber).
- B. Supporting beams/headers must be a 6x8 min. (heavy timber).
- C. Columns must be 6x6 min. (heavy timber) or 4x4 wrapped with 1-hour fire resistive material.
- D. Lattice members must be non-combustible or 3x3 lumber.
- E. Solid covered roof must be non-combustible, heavy timber (2x deck material), and 1-hour constructed. If 2x rafters are used, then the underside must be completely covered with stucco or type 'x' gypsum board and the roof covering is a Class 'A' fire rated assembly.
Tile roof patio covers require plans to be designed and stamped by a licensed engineer.

PATIO COVER SPAN TABLES

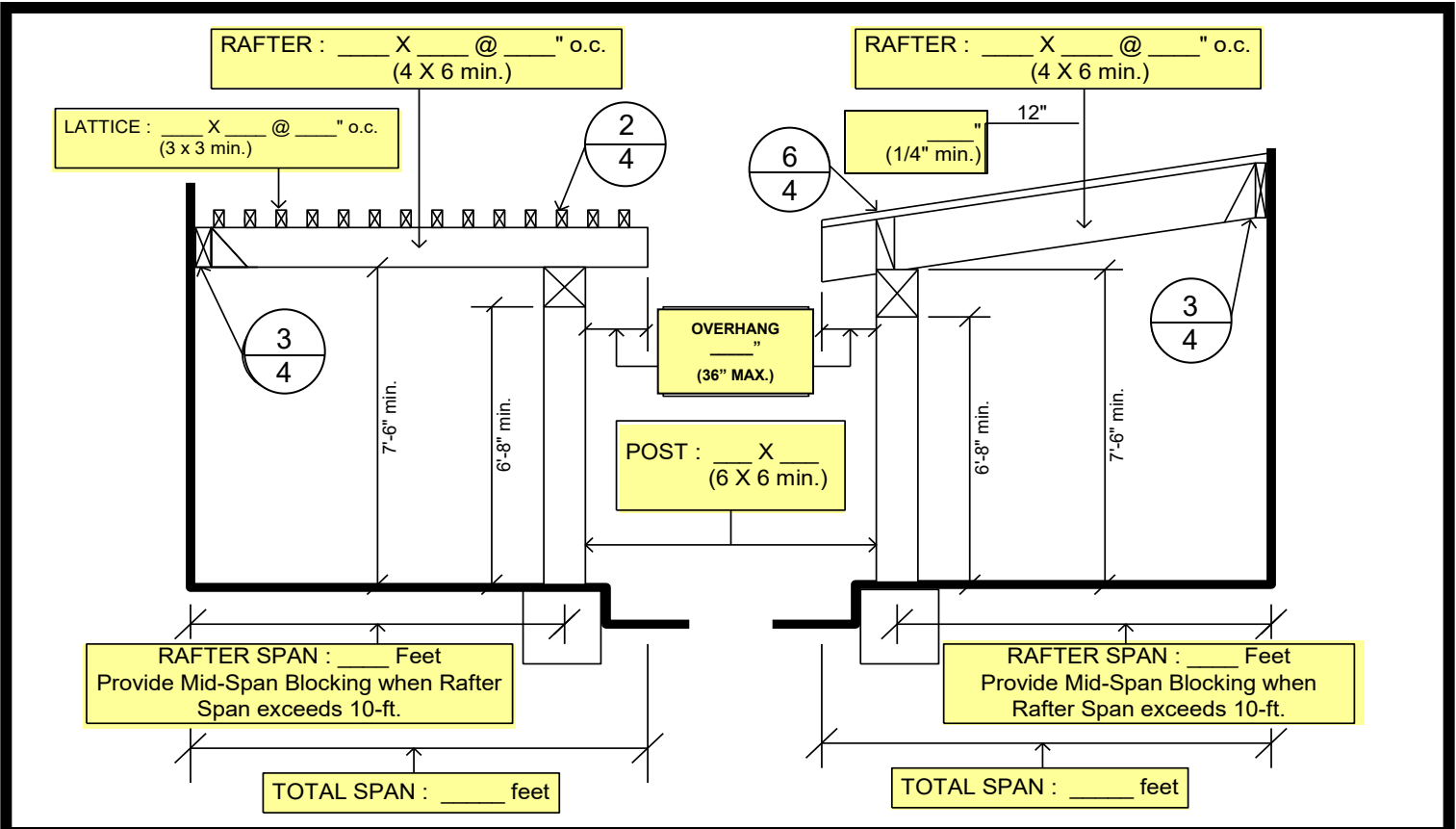
Use the tables below to determine (fill in the blank on the next page) the adequate member sizes for the rafter and header.

OPEN LATTICE PATIO - RAFTER MAX. SPANS (FEET)					
Size	Spacing (inches o.c.)				
	16	24	32	36	48
4X6	20	18	16	14	13
4X8	-	-	20	18	17
4X10	-	-	-	-	20

OPEN LATTICE PATIO - HEADER MAX. SPAN (FEET)		
Size	Rafter Span (ft)	
	Up to 10	Up to 20
6X8	16	12
6X10	20	16
6X12	22	18

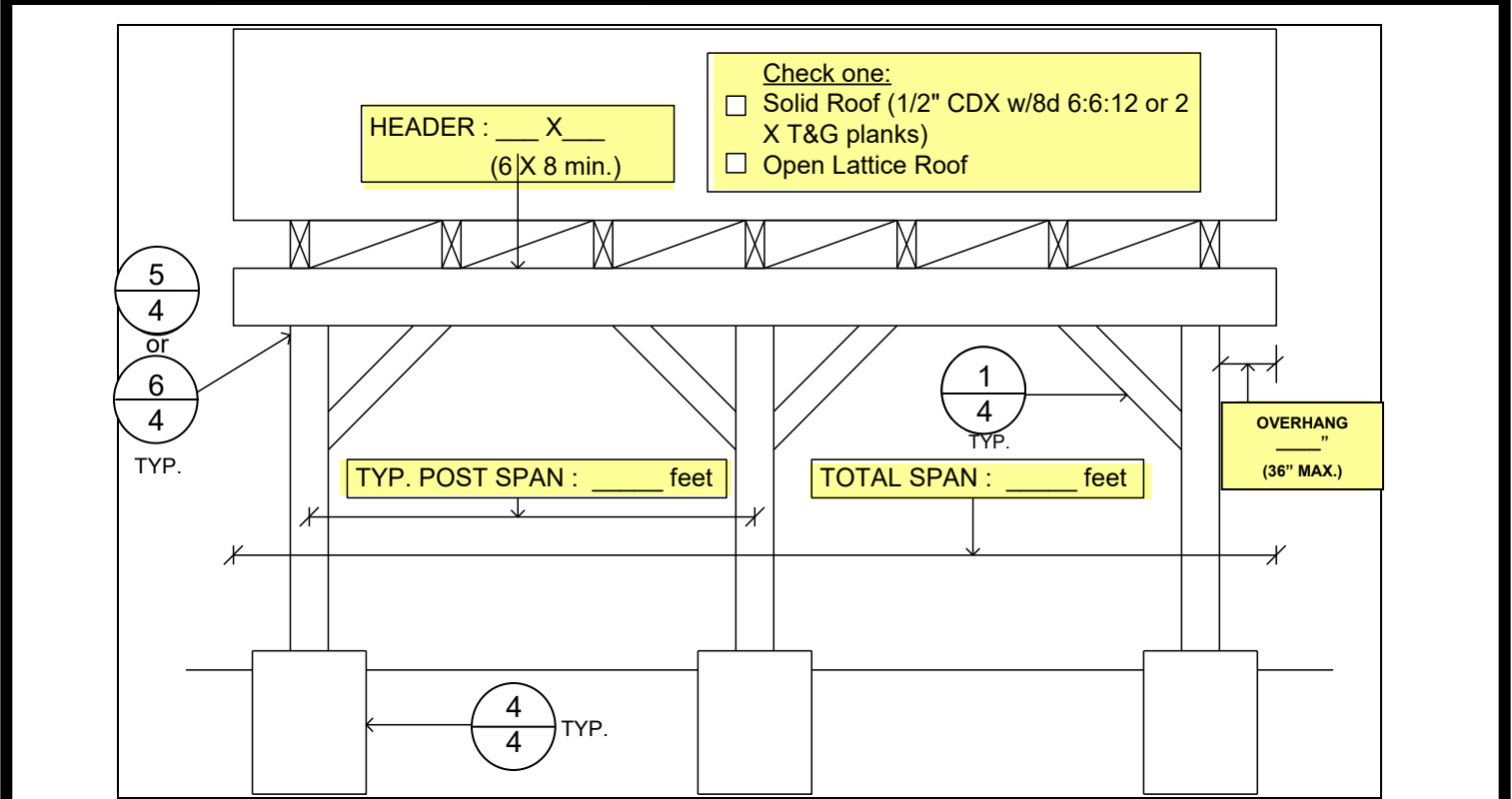
SOLID COVERED PATIO - RAFTER MAX. SPANS (FEET)					
Size	Spacing (inches o.c.)				
	16	24	32	36	48
4X6	15	14	12	11	10
4X8	20	18	16	14	13
4X10	-	-	20	17	15

SOLID COVERED PATIO - HEADER MAX. SPAN (FEET)		
Size	Rafter Span (ft)	
	Up to 10	Up to 20
6X8	14	10
6X10	18	14
6X12	20	16



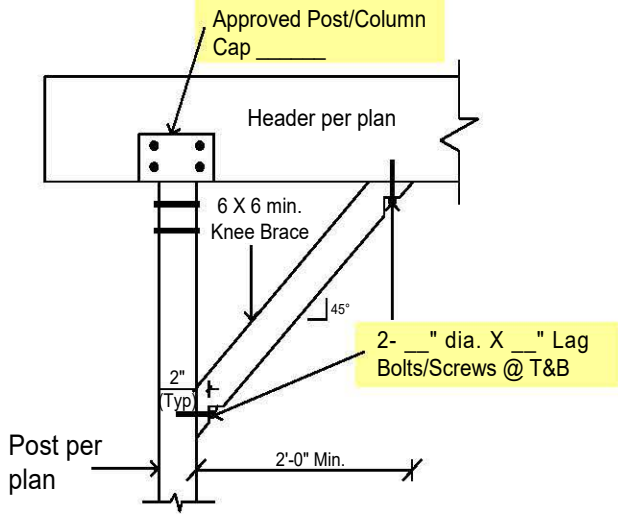
Side Cross-Section Plans

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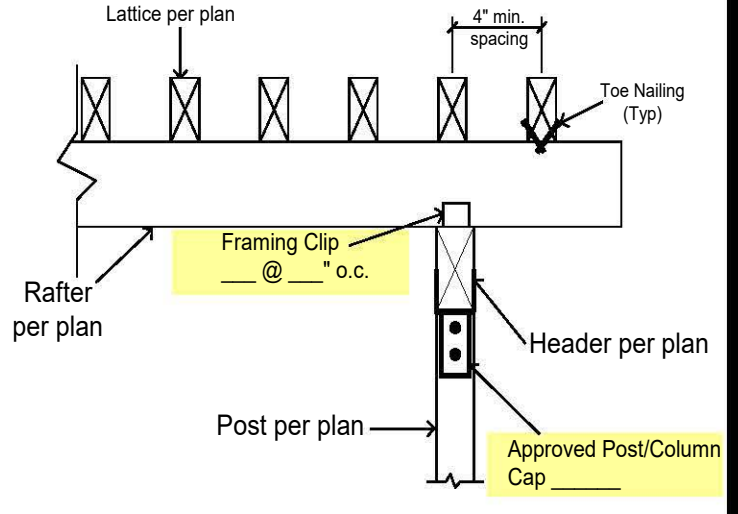
Front Elevation Plan

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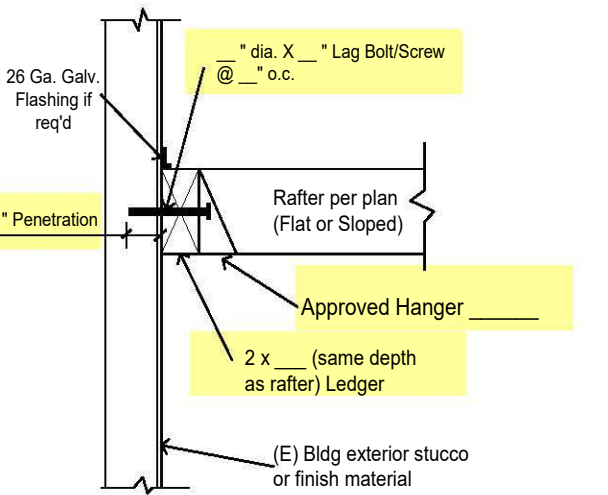
1 KNEE BRACING

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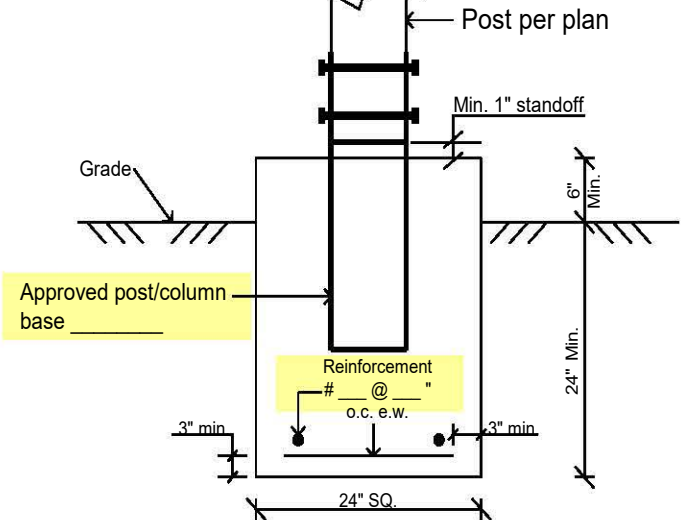
2 LATTICE CONNECTION

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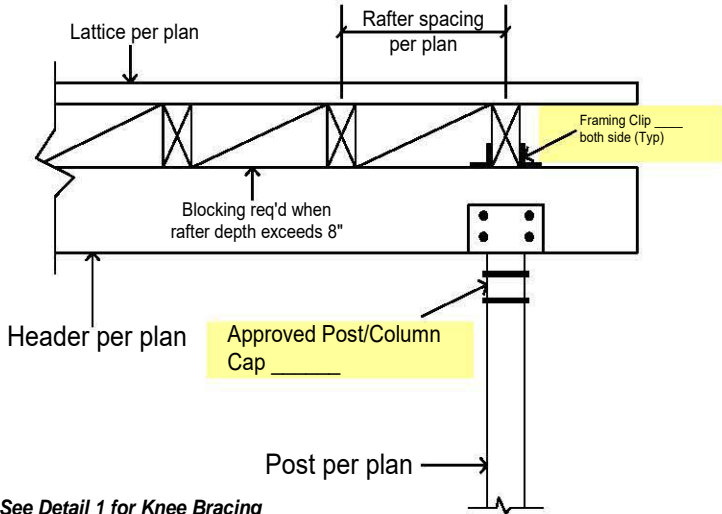
3 CONNECTION TO (E) BUILDING

NTS



4 PAD FOOTING

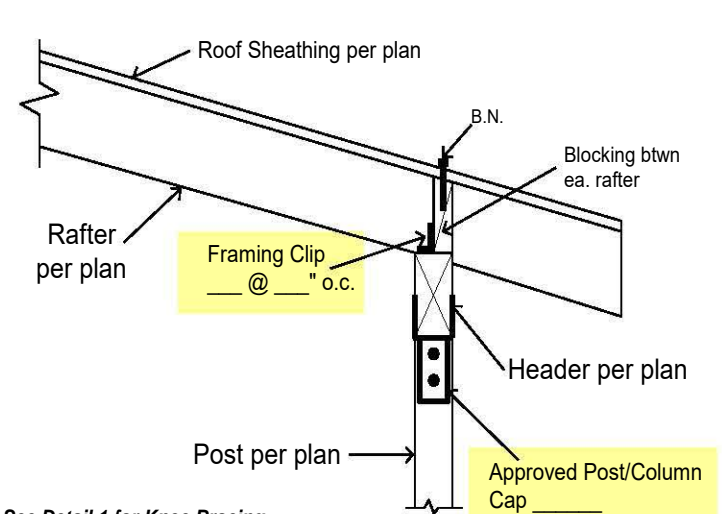
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See Detail 1 for Knee Bracing

5 RAFTER / HEADER (FLAT)

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See Detail 1 for Knee Bracing

6 RAFTER / HEADER (SLOPED)

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