



COMMUNITY AND ECONOMIC DEVELOPEMENT
BUILDING AND SAFETY DIVISION
STANDARD PATIO COVERS

11222 ACACIA PARKWAY
GARDEN GROVE, CA 92840

The information provided herein describes the minimum requirements for obtaining patio cover permits for residential buildings within the **City of Garden Grove**. For clarification of the permit process, visit the **Building and Safety Division** located on first floor of City Hall or by telephone (714) 741-5307.

I. CONDITIONS:

- A. Patio covers are one-story structures not more than 12 feet in height above grade and used only for recreational purposes. Outdoor living, carport, garage, storage room or habitable room are not permitted.
- B. Patio covers using these standard plan are attached and are permitted ONLY as accessory to dwelling units such as one-or two family dwellings or lodging houses or to individual dwelling units in multi-family dwelling-unit buildings.
- C. Patio covers must be open on one or more sides.
- D. Patio covers using this standard plan **is not for future enclosure**.
- E. **Site plan** with approval from Planning Department is required.

II. SPECIFICATIONS:

- A. Joists shall be grade marked Douglas Fir Larch No. 2 or better
- B. Beams shall be Douglas Fir Larch No. 1
- C. Concrete: 2,500 psi in 28 days
- D. Nails: Common, use galvanized when exposed to weather.
- E. Roofing sheathing: 1/2" CDX or 7/16" OSB min. Nailing 8d-6" o.c edges and 12" field.

III. ROOFING NOTES:

- A. Roll roofing (cap sheet over 1 or 2 layers of felt)
 - a. Built-up types
 - b. 2 layer – 15 lb underlayment
- B. 1 layer – 60 lb cap sheet mopped (roof plies)
- C. Torch down roof system per manufacture specifications.
- D. Metal or translucent per manufactures specs.
- E. Roof must have minimum class B rating or better when tested per ASTM E
- F. Roof slopes greater than 1/4:12 but less than 2:12 shall be hot mopped, built up roof or use an approved cold process system with an approved ICC report. Roof slopes between 2:12 and 4:12, use composition shingles over 2 layers of 15 lb (1 layer 30 lb felt is not acceptable).

Job Address: _____

Property Owner: _____

Address: _____

Phone: _____

Contractor: _____

Address: _____

License No.: _____ Class: _____ Expiration: _____

Phone: _____

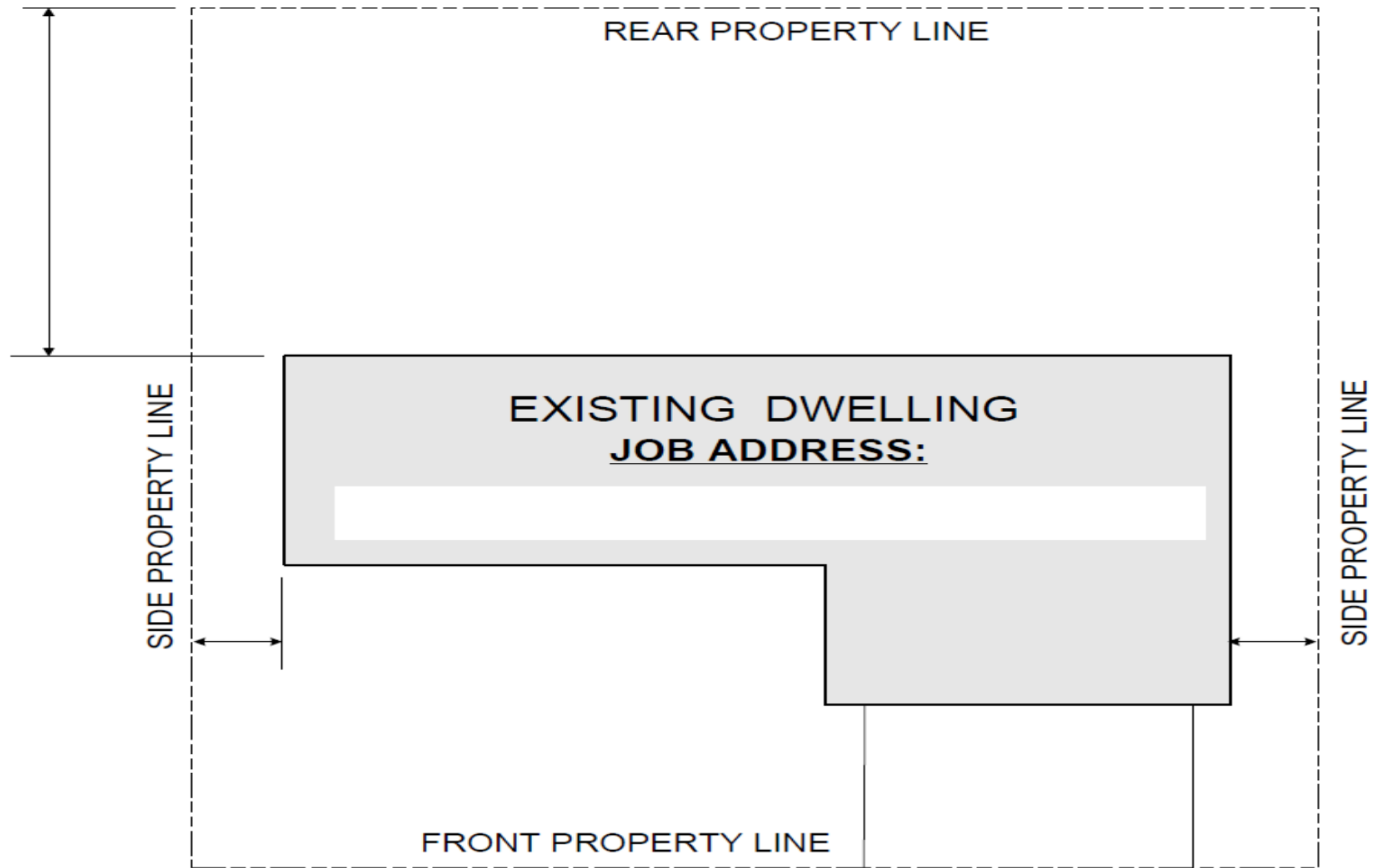
Proposed Work: _____

IV. INSPECTIONS:

- A. Foundation – **Post brackets/hardware must be in-place prior to inspection.**
- B. Framing – Before covering roof and **boundary nailing must be installed.**
- C. Final – All exterior woods exposed to weather shall be primed/sealed/painted.

TO COMPLETE THIS PLOT PLAN . . .

- 1. Show the location of the proposed patio cover on the plot plan below; show size, area and distance to property lines.
- 2. Show location and spacing of all supporting posts.
- 3. Show all other structures in the same yard as the proposed patio cover: pool, retaining walls, storage, accessory structures and trees. Provide dimension from these items to the proposed patio.
- 4. Show any hillsides on the property that exceed a slope of 3 horizontal to 1 vertical (3:1).
- 5. Setback: Patio covers shall have a minimum setbacks of 5 feet to the side and rear property lines and a minimum 20 feet setback to the front property line when located in the front yard.
- 6. **Site plan must be approved** by Planning Dept. prior to Building Dept. issuance of construction permit.



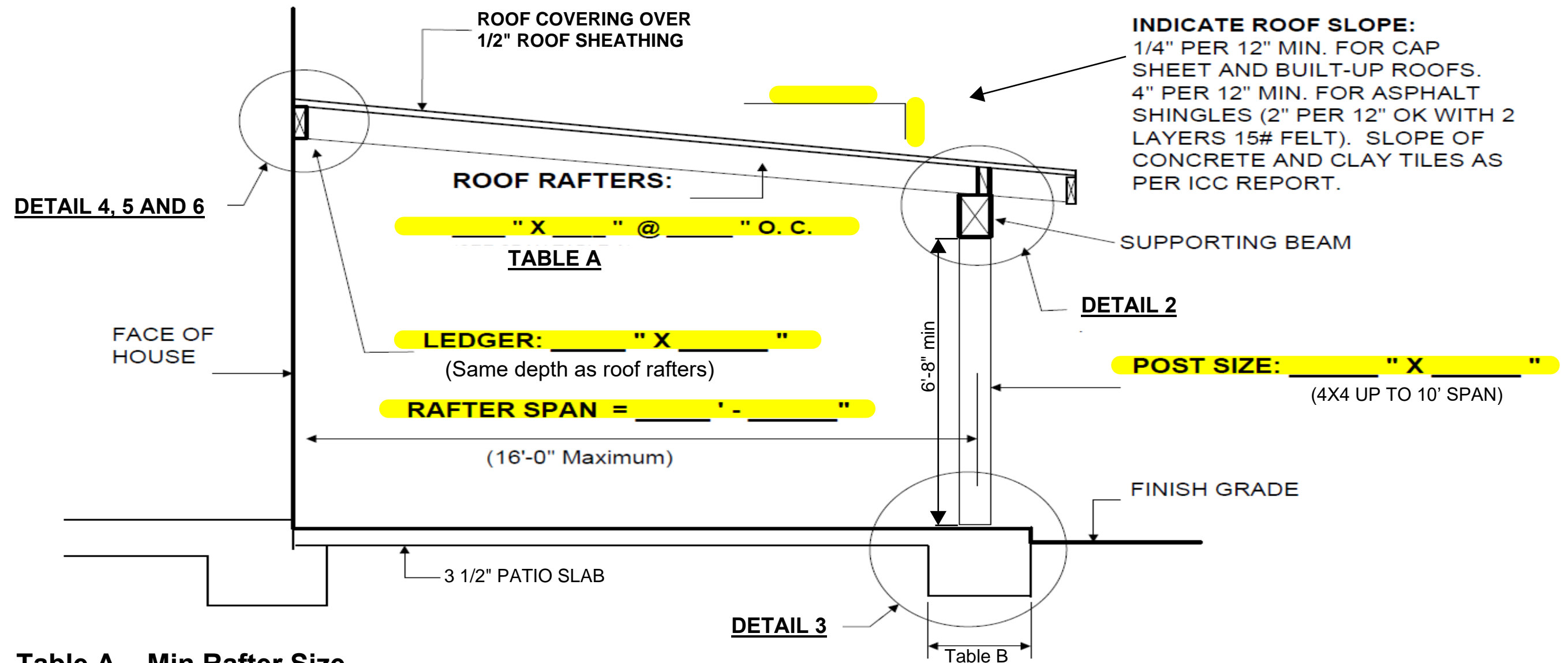


Table A – Min Rafter Size

Rafter Span (feet)	Spacing Center-to-Center (Inches)		
	12	16	24
6	2x4	2x4	2x4
7	2x4	2x4	2x4
8	2x4	2x4	2x6
9	2x4	2x6	2x6
10	2x6	2x6	2x6
11	2x6	2x6	2x6
12	2x6	2x6	2x6
13	2x6	2x6	2x8
14	2x6	2x6	2x8
15	2x6	2x8	2x8
16	2x8	2x8	2x8

Post Spacing Feet)

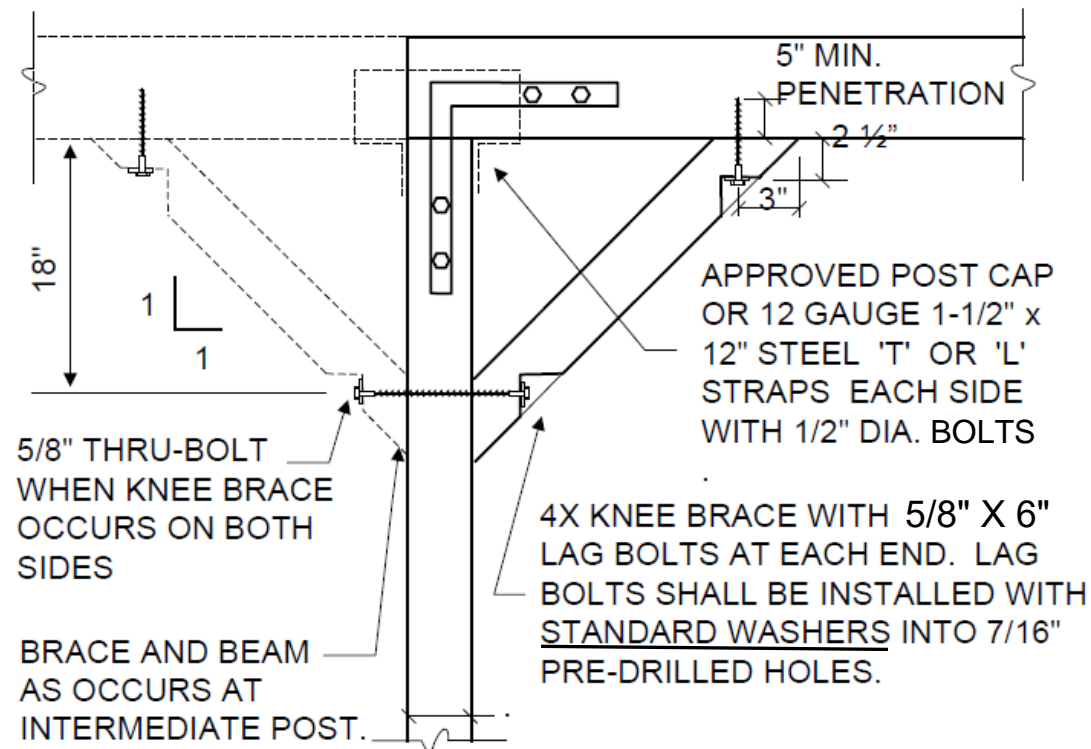
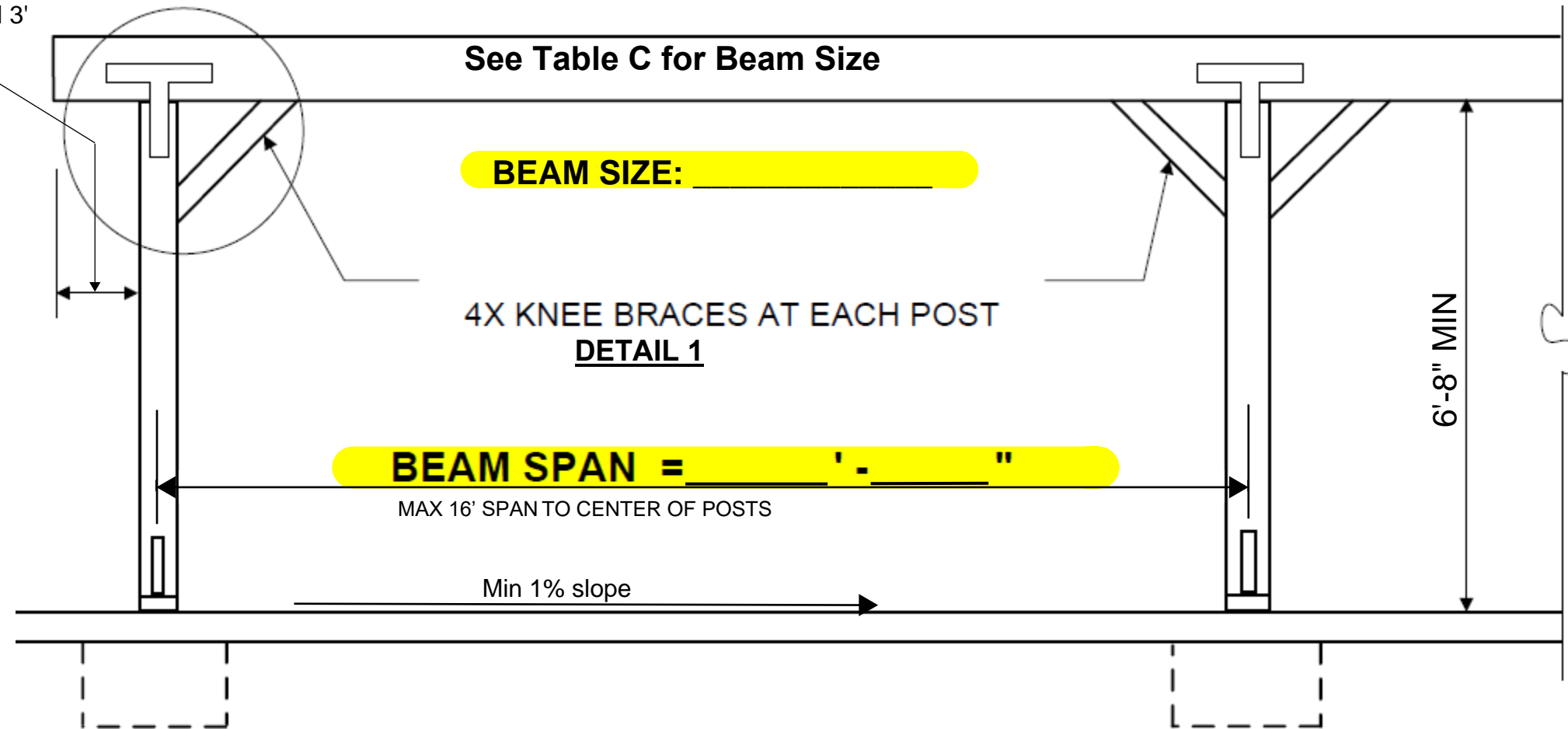
Table B – Min Footing Size (square-inch)

Post Spacing Feet)	Rafter Span (Feet) ^{1,2}					
	6	8	10	12	14	16
4	18	18	18	18	18	18
6	18	18	18	18	18	18
8	18	18	18	18	18	18
10	18	18	18	18	18	18
12	18	18	18	18	18	18
14	18	18	18	18	20	20
16	18	18	18	20	24	24

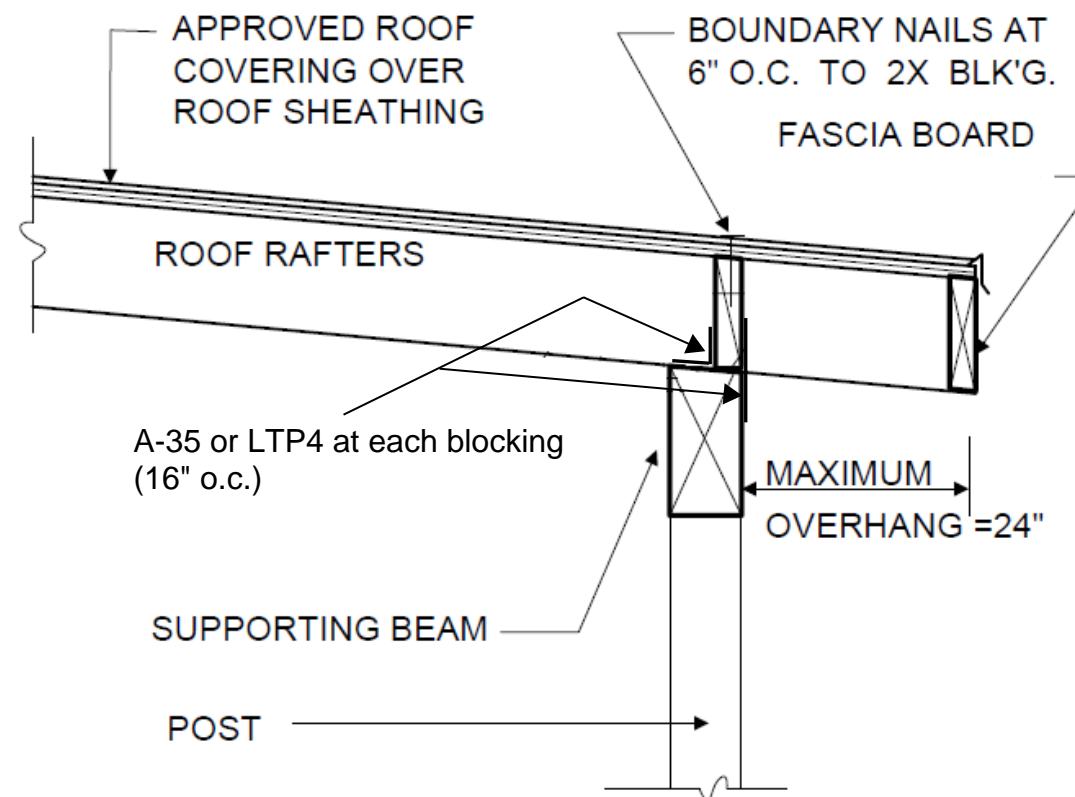
24" MAX OVERHANG AND MIN 3' FROM PROPERTY LINE

Table C – Beam Size

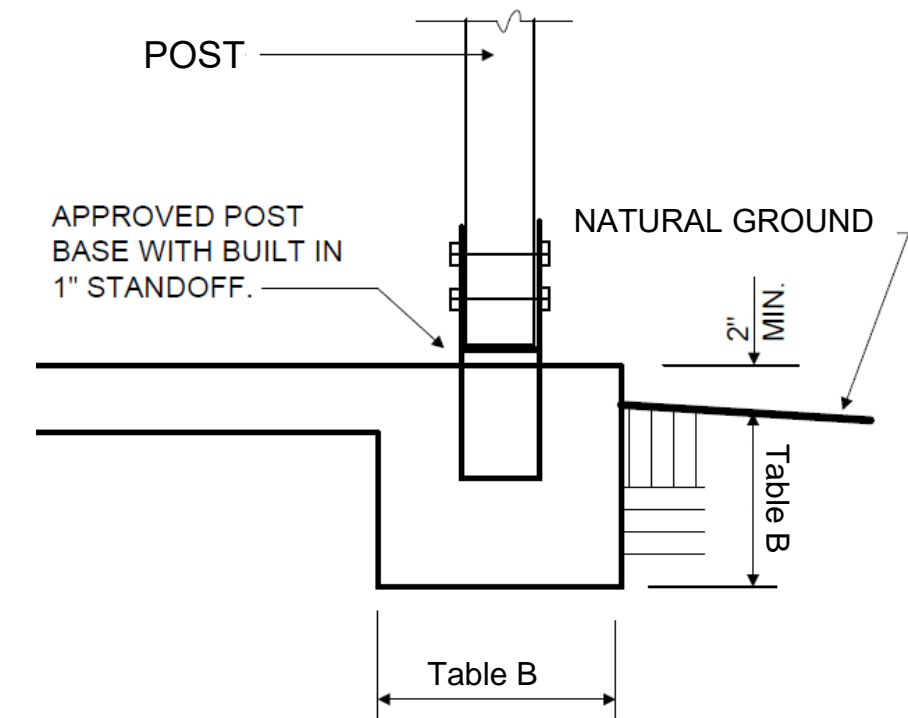
Post Spacing (Feet)	Span of Rafters (In Feet)						
	4	6	8	10	12	14	16
4	4x4	4x4	4x4	4x4	4x4	4x4	4x4
6	4x4	4x4	4x4	4x4	4x4	4x4	4x4
8	4x4	4x4	4x6	4x6	4x6	4x6	4x6
10	4x4	4x6	4x6	4x6	4x6	4x6	4x8
12	4x6	4x6	4x6	4x8	4x8	4x8	4x8
14	4x6	4x8	4x8	4x8	4x8	4x10	4x10
16	4x8	4x8	4x8	4x10	4x10	4x10	4x10
				6x8	6x8	6x8	6x8



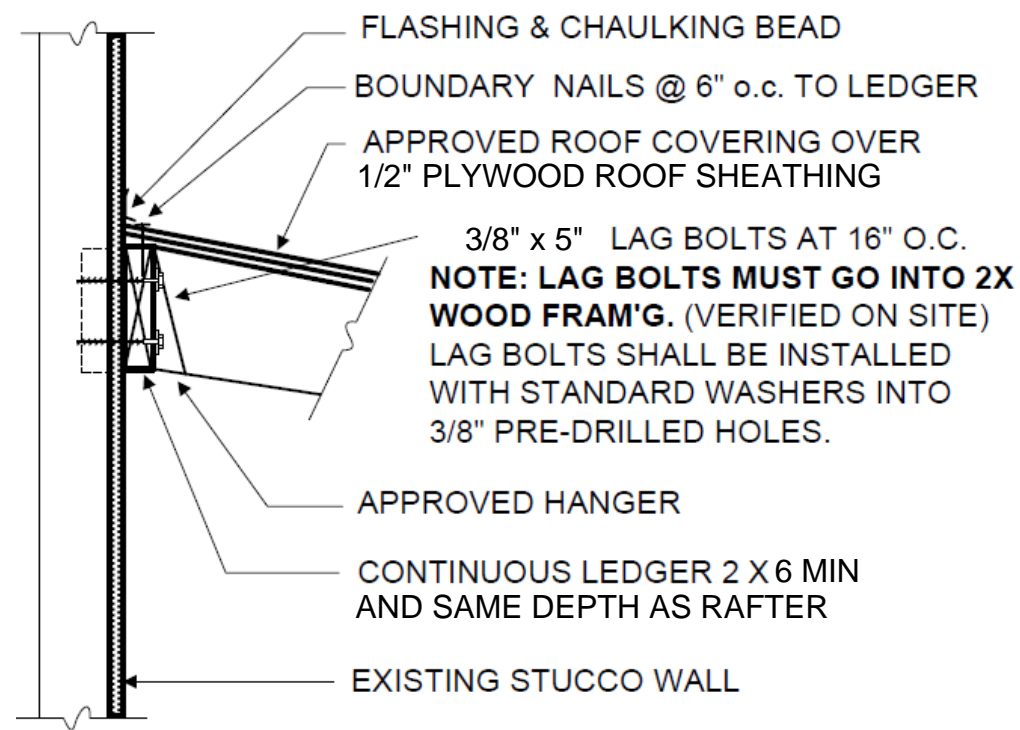
DETAIL 1



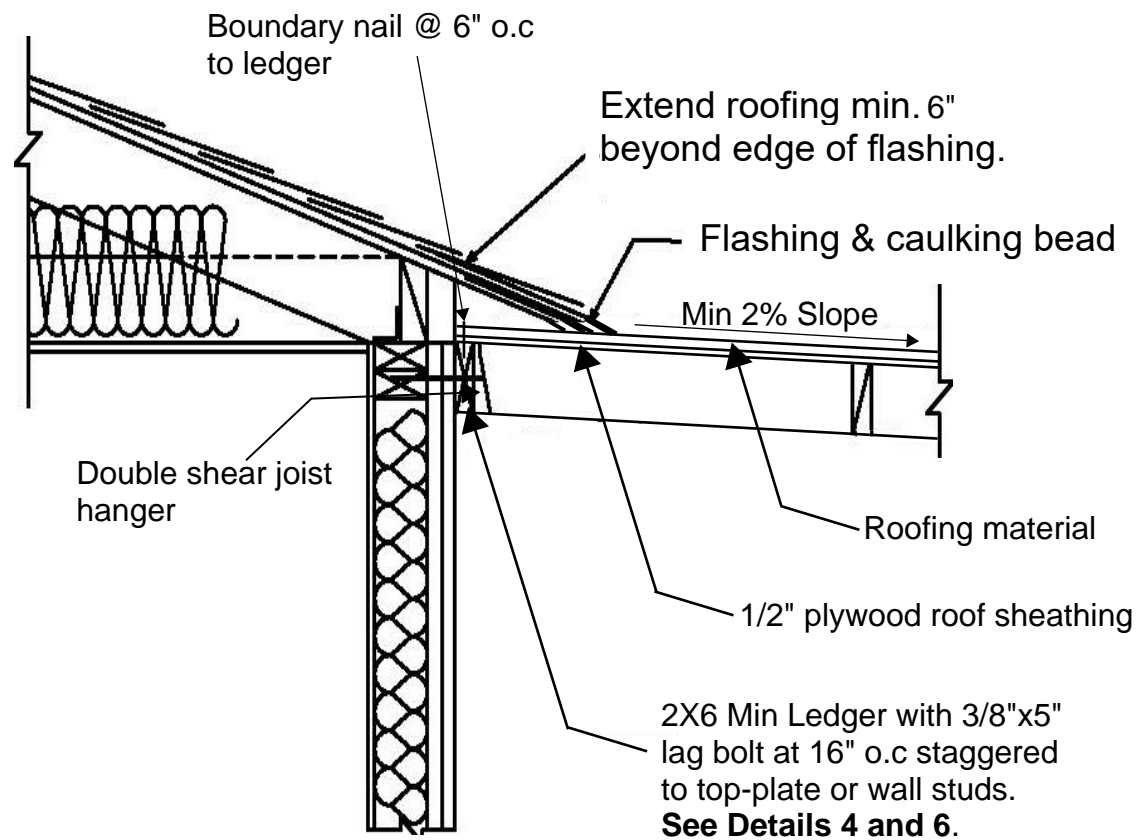
DETAIL 2



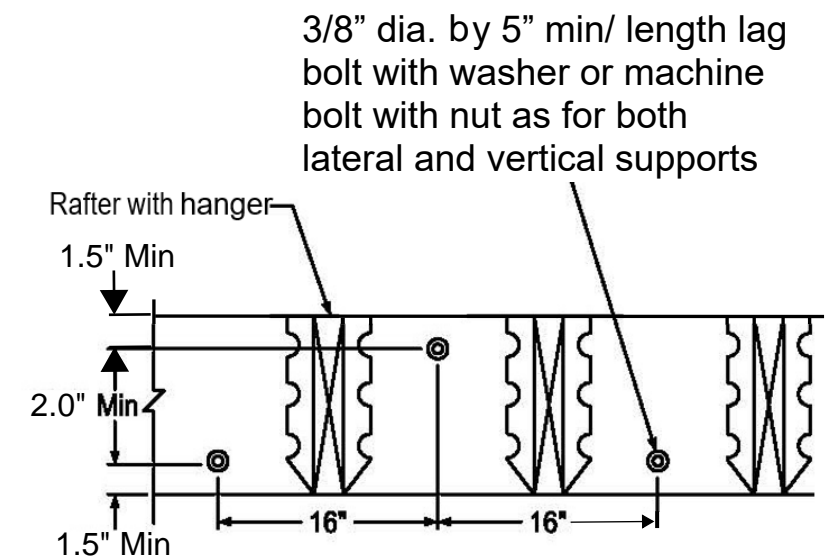
DETAIL 3



DETAIL 4



DETAIL 5



DETAIL 6

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: _____