



Attached Patio Cover Sample

March, 2018

General

Purpose

The sample illustrations show how an attached unenclosed patio structure may be built utilizing the 2016 California Residential Code (CRC) "Conventional Light Wood-Frame Construction Guidelines". The conventional method allows "repetitive" members in the designs of walls, floors and ceiling, are prescriptive, and ordinarily do not require a structural design to comply with the code.

Design Provisions

Patio Cover Limitations

The following patio cover illustrations are only applicable in residential dwellings classified as R-3 Occupancies.

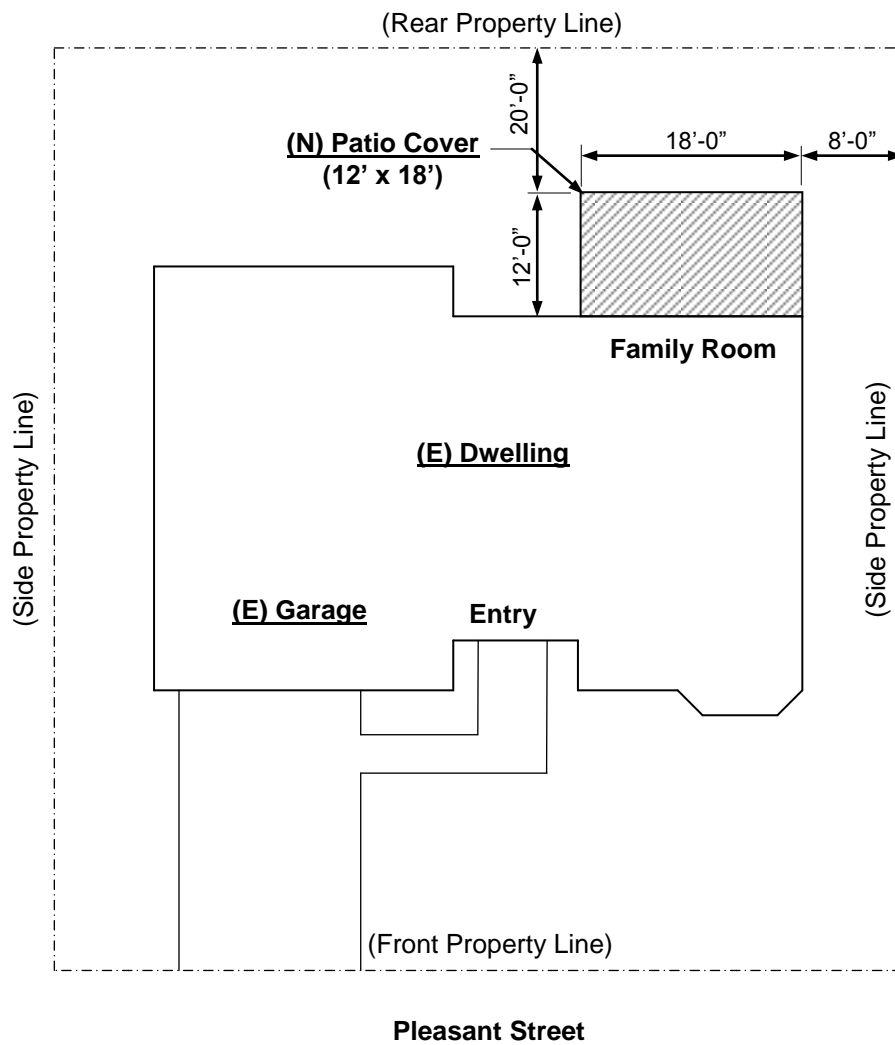
Patio covers are **not** designed or intended to be used as room additions which require compliance with code provisions such as heating, waterproofing, and normal live and wind loads. Furthermore, patio covers cannot always be converted to complying room additions.

What information is needed to obtain a building permit?

Included in the plan submittal should be the following information which clearly depicts the proposed patio cover construction and its relationship to the entire lot. Information such as the size and spacing of all framing members; attachment detail to the exterior wall; roof covering material, connection specifications for beam to post, and for post to footing, etc.

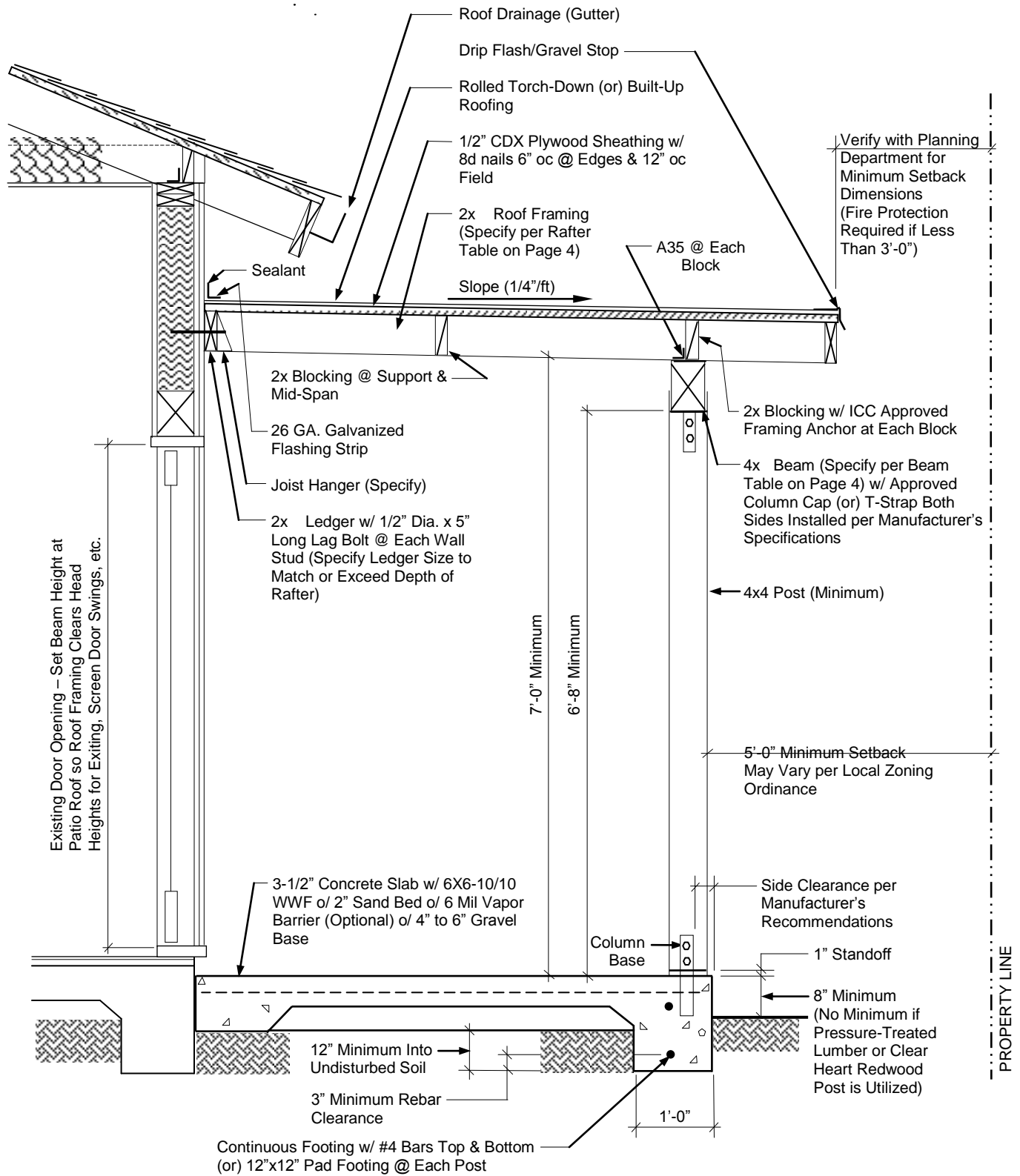
Samples of plans are illustrated on the next pages for clarification and additional plan information may be requested if the plans provided are unclear or incomplete. If the patio structure consists of a simple design similar to the sample illustrations, you may refer to the tables on page 4 for allowable size & spacing of structural members. Otherwise, a structural analysis/evaluation may be required by a professional engineer licensed in the State of California for the design of structures of unusual shape and/or structures supporting tile roofing materials (i.e., cellulose, cement).

- Site Plan Three (3)
- Elevation(s) Three (3)
- Roof Framing Two (2)
- Cross-Section Two (2)
- Framing Details Two (2)

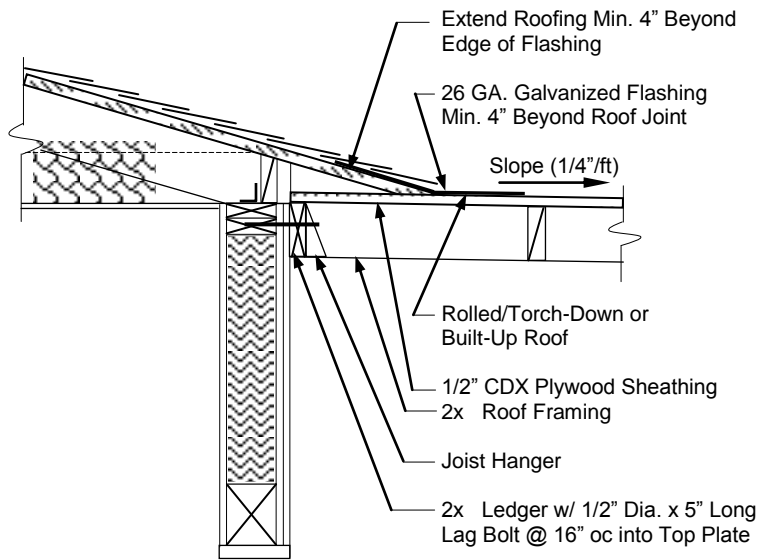


Mr. & Mrs. Right
 100 Pleasant St., Campbell, CA
 A.P.N. 00-100-2000
 Scope of Work: New Attached 12'x18' Patio Cover
 Designed by *Ideal Patios*

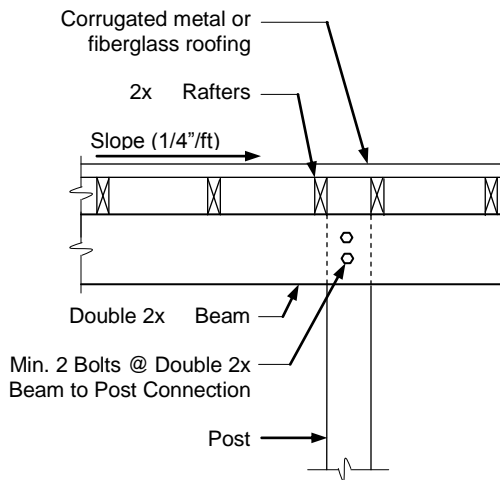
Site Plan
 Scale: 1" = 20'-0"



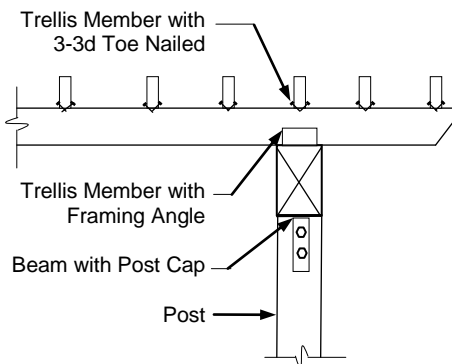
Cross-Section



Alternate Connection Detail
(Typical for Patio Covers)



Patio Cover Detail
(w/ Light Roof Covering)



Trellis Detail