



CITY OF CAMPBELL
Community Development Department

Residential Attached Patio Cover Sample

Purpose

The sample illustrations show how an attached unenclosed patio structure may be built utilizing the 2019 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 (single family dwelling).

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.

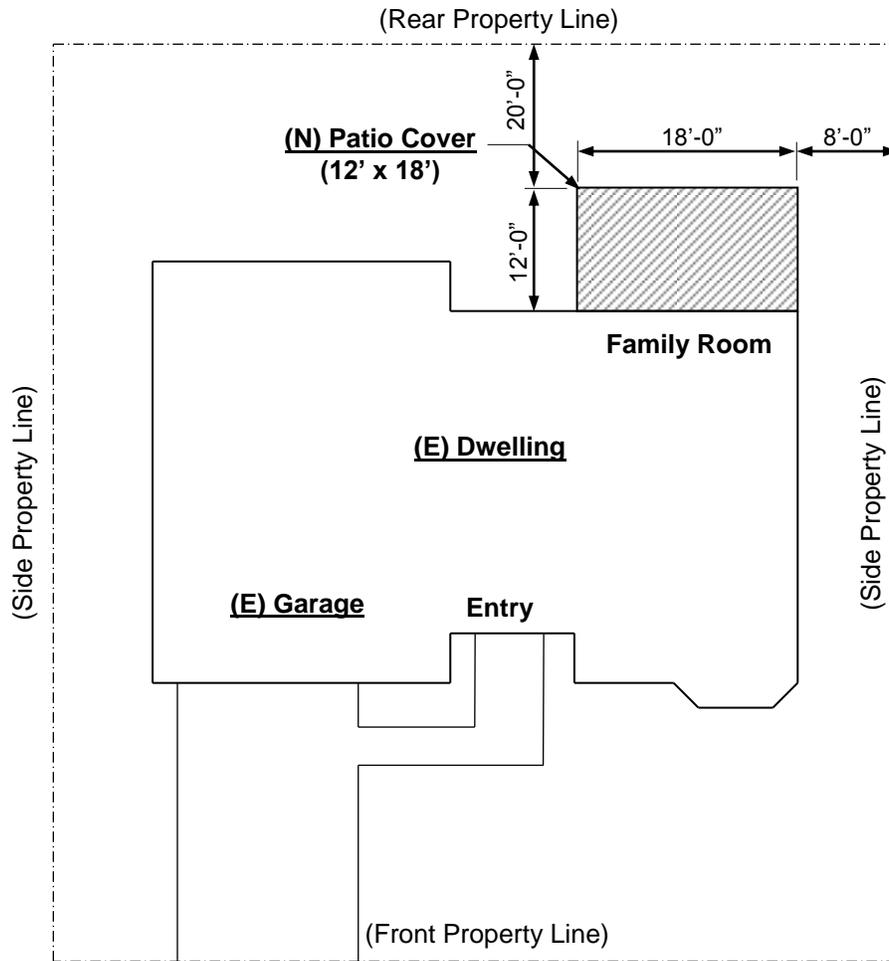
What information is needed to obtain a building permit?

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.

- * Exterior lumber shall be redwood or pressure treated or rated for exterior use.
- * All exterior fasteners and metal connectors shall be Hot Dipped Galvanized (HDG), Stainless Steel or rated for exterior use.
- * Rafter spans shall be compliant to CRC table 802.5.1
- * A rough frame inspection is required prior to roofing

Three (3) sets of the following plans:

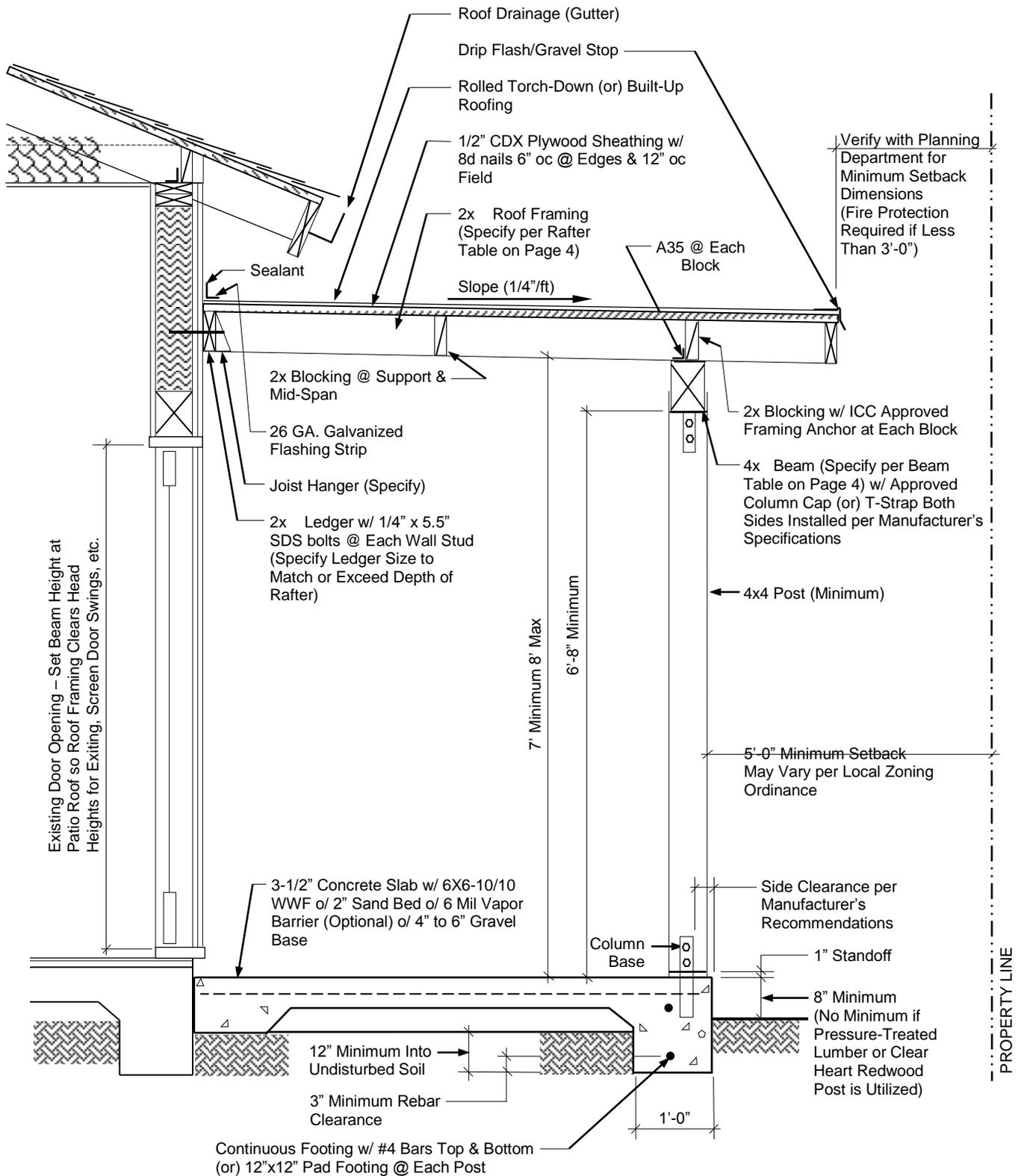
- Site Plan
- Elevation(s)
- Roof Framing
- Cross-Section
- Framing Details



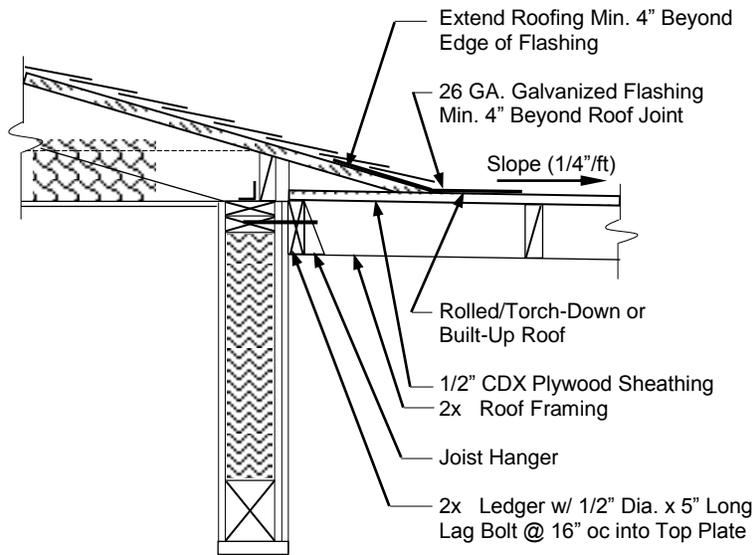
Pleasant Street

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*

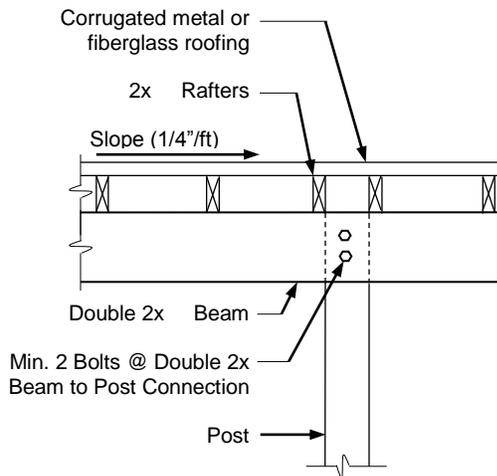
Site Plan
 Scale: 1" = 20'-0"



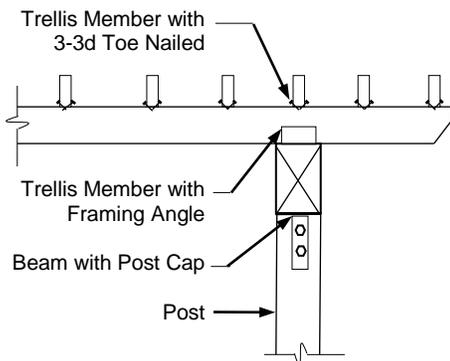
Cross-Section



Alternate Connection Detail
(Typical for Patio Covers)



Patio Cover Detail
(w/ Light Roof Covering)



Trellis Detail