

Building Guide

Colorado Chapter of the International Code Council

Single Family Residential Patio Covers & Carports

How to Use this Guide

Provide two sets of plans and complete the following:

- 1 **Connecte this Building Guide** by filling in the blanks on page two, and indicating which construction details will be used.
- **2 Provide 2 Plot Plans** (site plan) showing dimensions of your project or addition and its relationship to existing buildings or structures on the property and the distance to existing property lines drawn to scale.

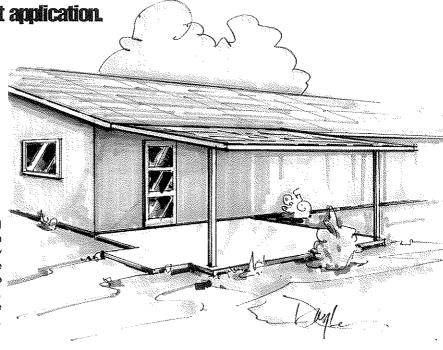
3 Fill out a building permit application.

The majority of permit applications are processed with little delay. The submitted documents will help determine if the project is in compliance with building safety codes, zoning ordinances and other applicable laws.

The Colorado Chapter of the International Code Council is a professional organization seeking to promote the public health, safety and welfare to building construction. We appreciate your feedback and suggestions. To obtain a master copy of this building guide, please write to the Colorado Chapter of the International Code Council, P.O. Box 961, Arvada, CO 80001.

http://www.coloradochaptericc.org

This handout was developed by the Colorado Chapter of the International Code Council as a basic plan submittal under the 2006 International Residential Code. It is not intended to cover all circumstances. Check with your Department of Building Safety for additional requirements.

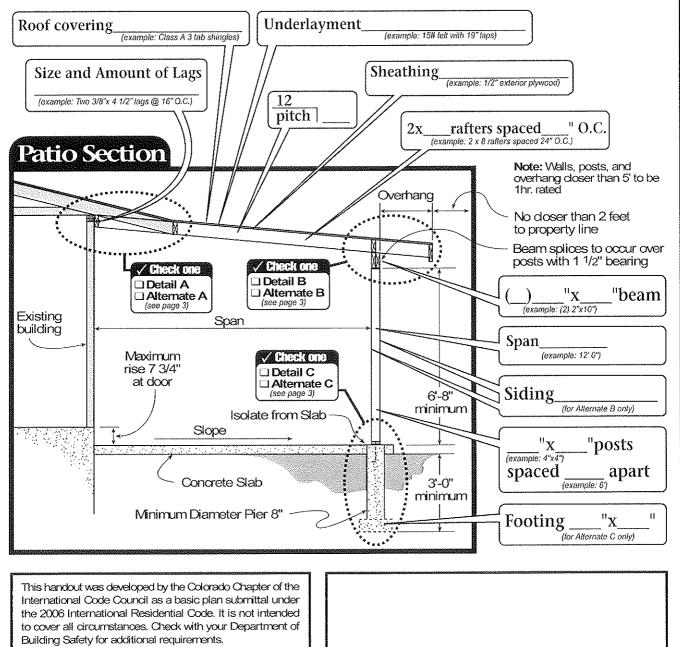


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Address:

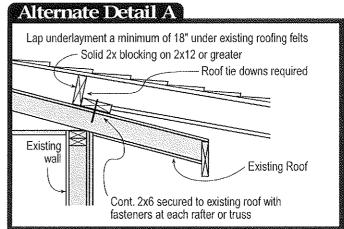
Directions

- 1. Fill in the blanks with dimensions and materials which will be used to build the structure. Please print legibly.
- 2 Indicate in the check boxes which details from page 3 will be used. Please note if any of the sides of your carport addition are closer than 5'-0" to the property line, that side of the carport must be enclosed with a solid 1 hour fire rated wall as shown in Alternate Details B and C. You must however, keep at least two sides of the carport open to conform to the building code requirements. Zoning approval is required.
- & Roofing to be installed per manufacturer's instructions, including low slope application and required inspections made.

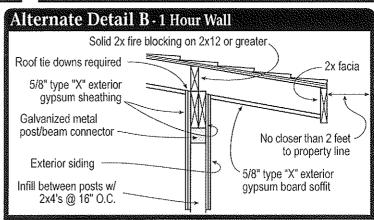


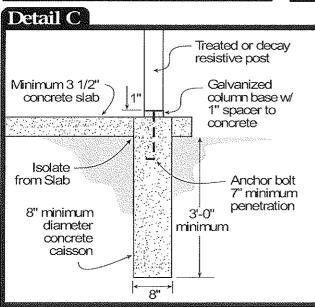
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Existing roof rafters or trusses Galvanized metal joist or rafter hangers Extend underlayment from new roof a minimum of 18" onto existing roof Cont. 2x ledger Secure ledger to wall with lag bolts @ 16" O.C. Locate lag bolts to penetrate top plate or studs Note: Remove brick veneer at top of wall before installing continuous 2x ledger



Solid 2x blocking on 2x12 or greater Roof tie downs required Galvanized metal post/beam connector





Alternate Detail C - 1 Hour Wall Infill between posts w/ 2x4's @ 16" O.C. Bottom plate shall be treated wood or Foundation redwood Minimum 3 1/2" Galvanized column concrete slab base w/ 1" spacer to concrete Isolate from Slab Anchor bolt 7" minimum Check local penetration 3'-0" building department for minimum swelling soils. caissons may Footing be required.

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