



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, drawn to scale and complete the following (*hint: use graph paper with $\frac{1}{4}$ " squares. Example: $\frac{1}{4}$ " = 1'):*

1 Complete this Building Guide by filling in the blanks on page two, and indicating which construction details will be used.

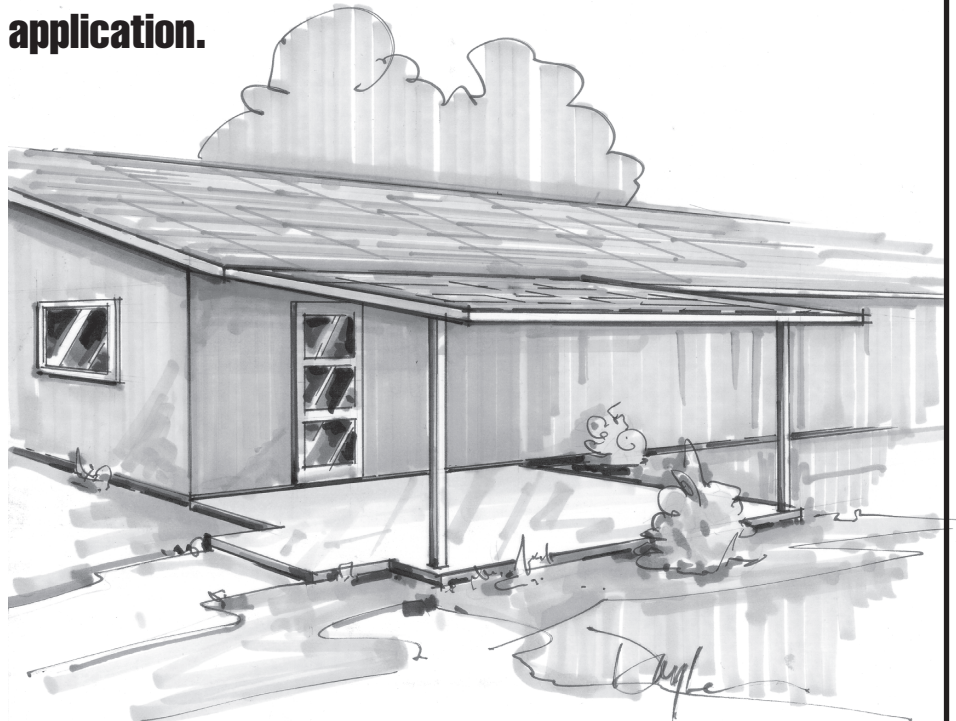
2 Provide 2 Plot Plans (site plan) showing dimensions of your project or addition and its relationship to existing buildings or structures on the property and the distance to existing property lines drawn to scale.

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 2009 International Residential Code. It is not intended to cover all circumstances. Check with your Department of Building Safety for additional requirements.

Single Family Residential Patio Covers & Carports

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.
3. Roofing to be installed per manufacturer's instructions, including low slope application and required inspections made.

Address: _____

Roof covering _____
(example: Class A 3 tab shingles)

Underlayment _____
(example: 15# felt with 19" laps)

Size and Amount of Lags
(example: Two 1/2"x 4 1/2" lags @ 16" O.C.)

Sheathing _____
(example: 1/2" exterior plywood)

12
pitch _____

2x _____ rafters spaced _____" O.C.
(example: 2 x 8 rafters spaced 24" O.C.)

Patio Section

Note: Walls, posts, and overhang closer than 5' to be 1 hr. rated

No closer than 2 feet to property line

Beam splices to occur over posts with 1 1/2" bearing

☒ Check one
☐ Detail A
☐ Alternate A
(see page 3)

☒ Check one
☐ Detail B
☐ Alternate B
(see page 3)

() "x" beam
(example: (2) 2"x10")

Span _____
(example: 12' 0")

Siding _____
(for Alternate B only)

"x" posts
(example: 4"x4")
spaced _____ apart
(example: 6')

Footing _____"x_____"
(for Alternate C only)

Existing building

Span

Maximum rise 7 3/4" at top of door threshold

Isolate from Slab

Slope

Concrete Slab

Minimum Diameter Pier 8"

Overhang

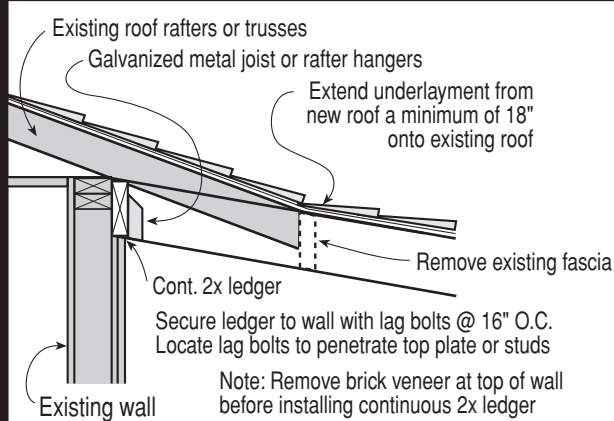
6'-8" minimum

3'-0" minimum

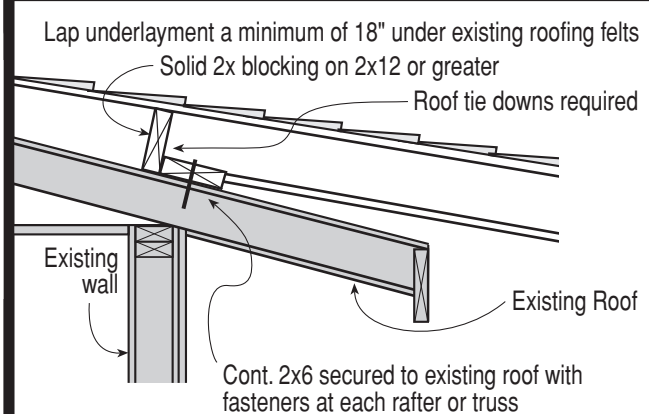
This handout was developed by the Colorado Chapter of the International Code Council as a basic plan submittal under the 2009 International Residential Code. It is not intended to cover all circumstances. Check with your Department of Building Safety for additional requirements.

Single Family Residential Patio Covers & Carports

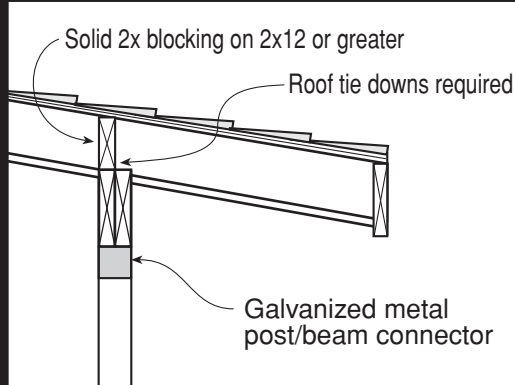
Detail A



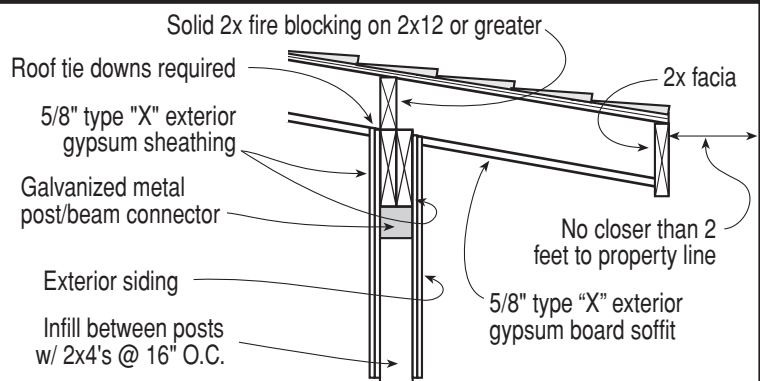
Alternate Detail A



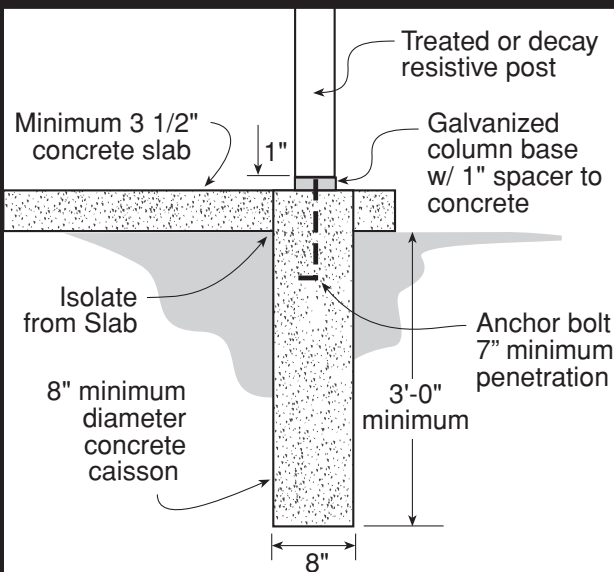
Detail B



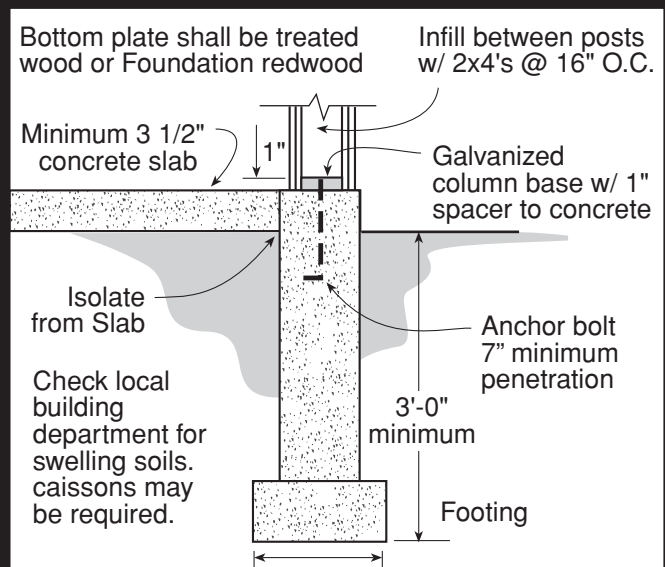
Alternate Detail B - 1 Hour Wall



Detail C



Alternate Detail C - 1 Hour Wall



This handout was developed by the Colorado Chapter of the International Code Council as a basic plan submittal under the 2009 International Residential Code. It is not intended to cover all circumstances. Check with your Department of Building Safety for additional requirements.