

# Residential Patio Covers

## Permit submittal requirements

### Incomplete submittals will be returned without being reviewed or approved

1. A complete BUILDING PERMIT APPLICATION, signed and dated by the applicant.
2. SITE PLAN, (1) copy submitted for permanent records, must show the location of all proposed construction and all clearances in relation to property and any other structures currently on the property.
3. CONSTRUCTION PLANS. Provide two complete sets, drawn to scale, showing all work that is proposed, including:
  - All framing specifications, including the type of lumber being used, the size of the dimension lumber and on center spacing of all framing members.
  - The plans must clearly indicate the spans of ALL framing members, the rafters and ceiling joists from wall to beam, rafter tail overhang length (2' maximum), beam span from post to post, etc
  - Provide specific details regarding the beam construction, whether it is solid sawn, a built up beam (multiple members nailed together as a beam), or one member on each side of the posts (which is not calculated as a beam), etc
  - Provide details regarding how the ledger is to be attached to the house, including the bolt type, diameter, length and on center spacing
  - Indicate the type and size of the joist hangers to be used
  - Indicate how the posts are to be anchored to the piers and to the beam
  - Indicate the diameter and depth of the caissons (12" X 36" minimum unless stamped engineered details are provided)
  - Indicate the total square footage for the roof structure being built
  - Detail the roof slope, type and thickness of roof sheathing, type of roofing material, where there is to be flashing and gutters / downspouts
  - Provide an elevation showing all dimensions and walking clearances under beams
  - Detail whether there is to be any type of ceiling material installed on the bottom of the rafters or ceiling joists
  - New roof components must be adequately anchored and bear upon existing house rafters or be provided with a roof ledger / nailer to support new framing
  - Provide stamped engineered truss details for review and approval
  - All components must be inspected prior to concealment
  - **Please refer and use the attached Colorado ICC Chapter guidelines as an aid in proper permit submittal, though additional details are normally required.**



# Building Guide

Colorado Chapter of the International Code Council

## Single Family Residential Patio Covers & Carports

### How to Use this Guide

Check with your jurisdiction regarding type of submittal (paper or electronic) and for additional requirements. Draw 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.

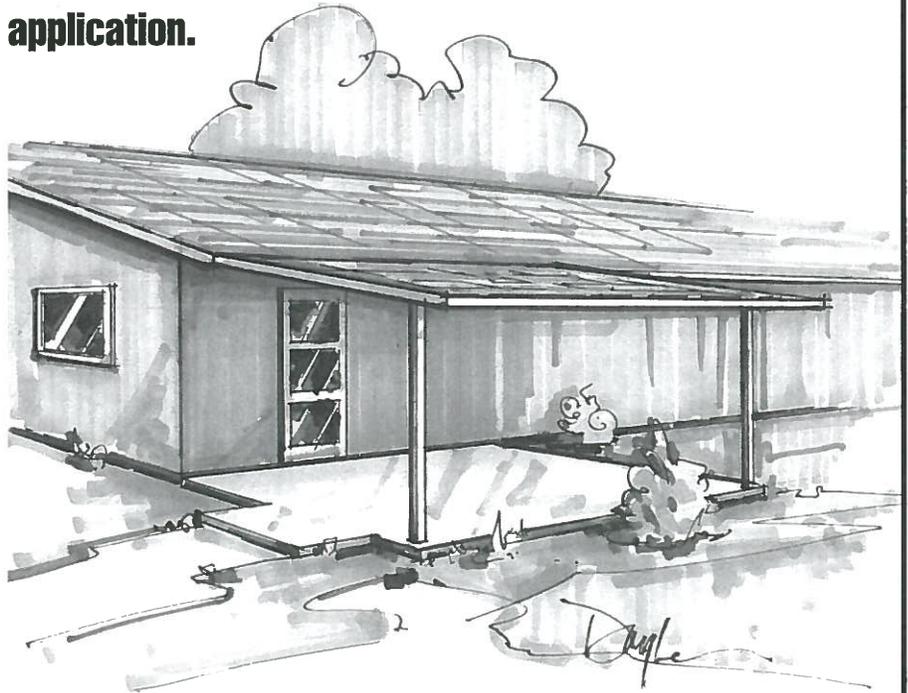
**2 Provide 2 Plot Plans** (site plan) showing dimensions of your project or addition and its relationship to existing buildings or structures on the property and the distance to existing property lines drawn to scale. See Page 2

**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.

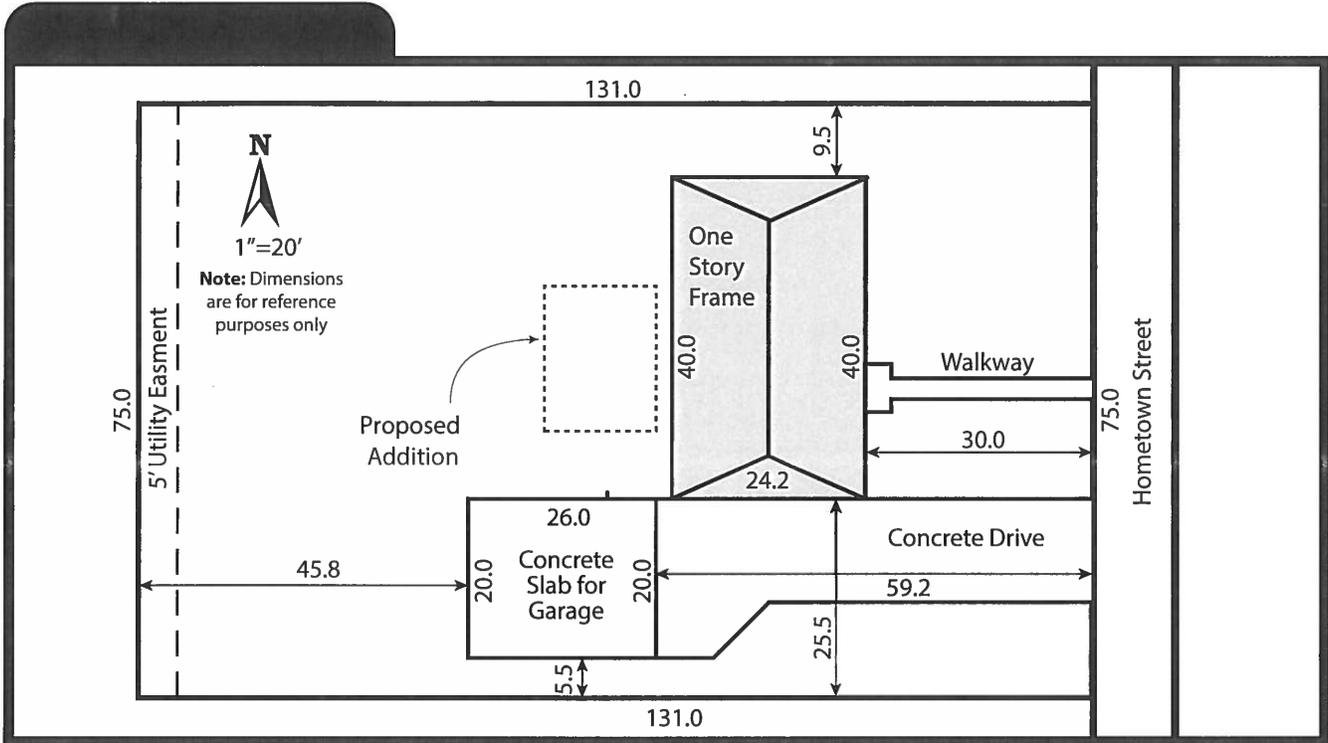
The Colorado Chapter of the International Code Council is a professional organization seeking to promote the public health, safety and welfare to building construction. We appreciate your feedback and suggestions. To obtain a master copy of this building guide, please write to the Colorado Chapter of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

<http://www.coloradochaptericc.org>



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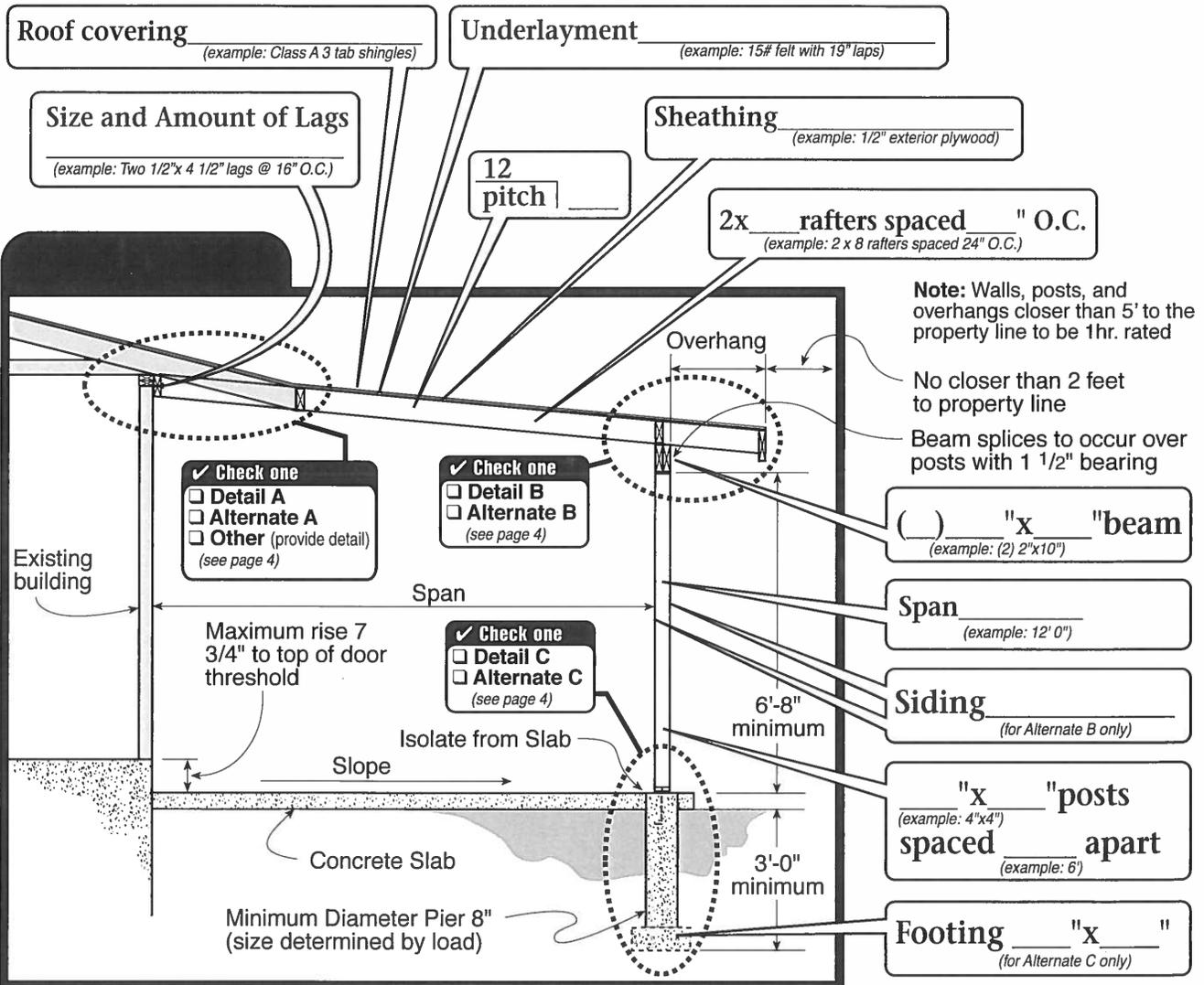
Note: Manufactured homes require independent/self supported patio structure

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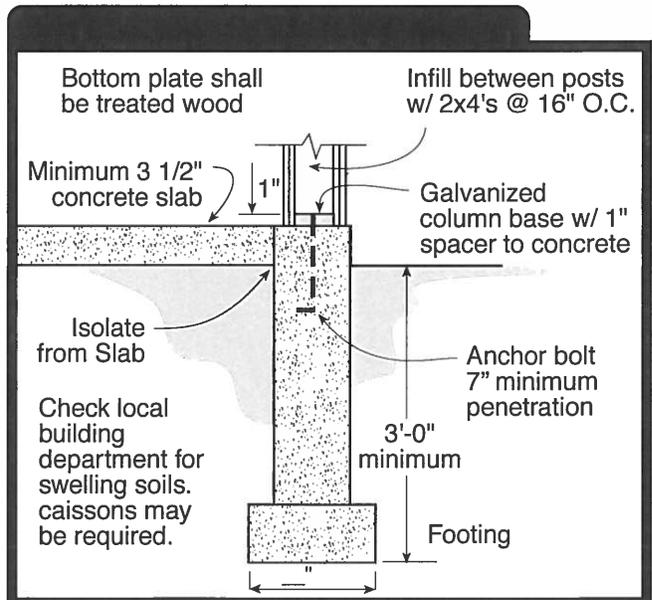
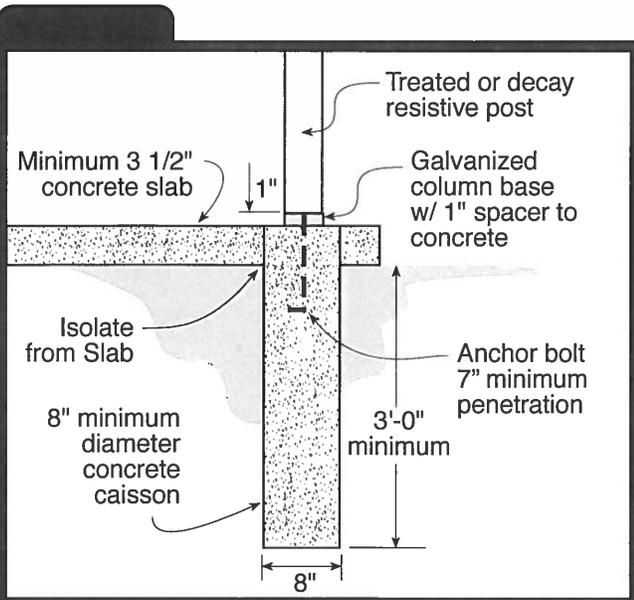
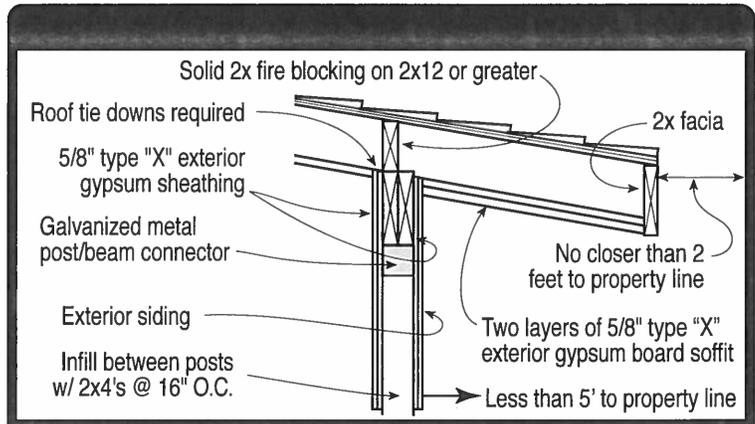
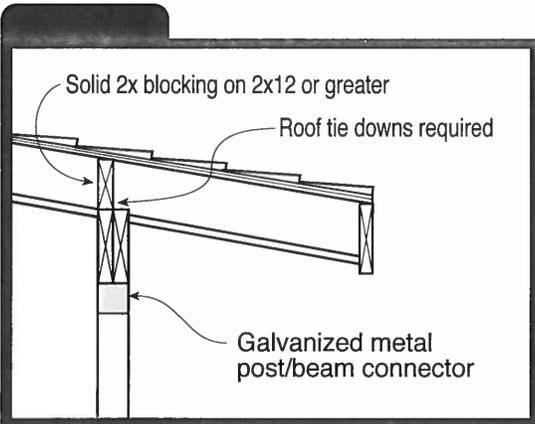
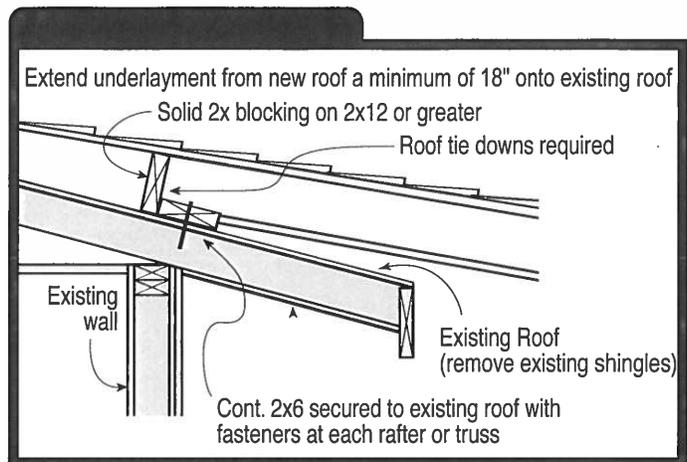
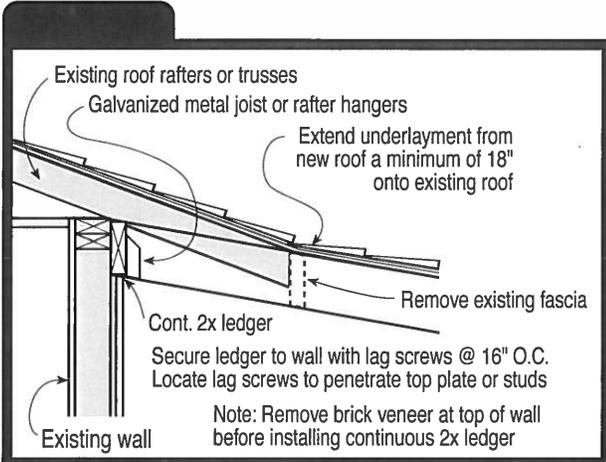
## Directions

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 4 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.



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