Building Guide

Colorado Chapter of the International Code Council

Single Family Residential Patio Covers & Carports

How to Use this Guide

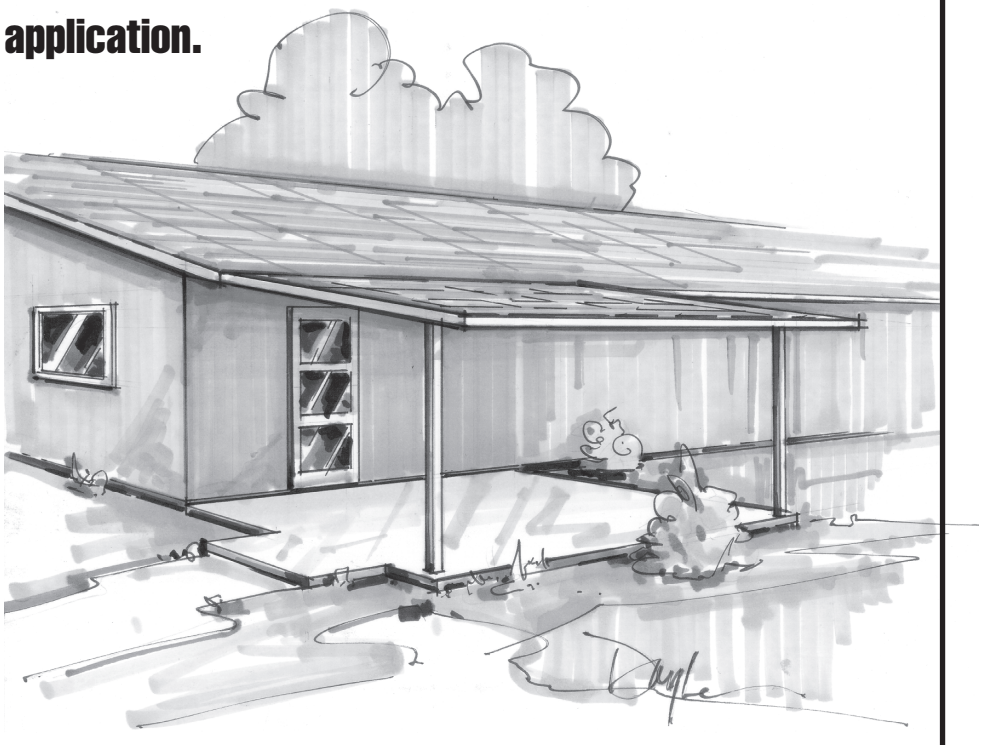
Provide two sets of plans, drawn to scale and complete the following (*hint: use graph paper with ¼" squares. Example: ¼" = 1'*): Check with your jurisdiction for additional requirements.

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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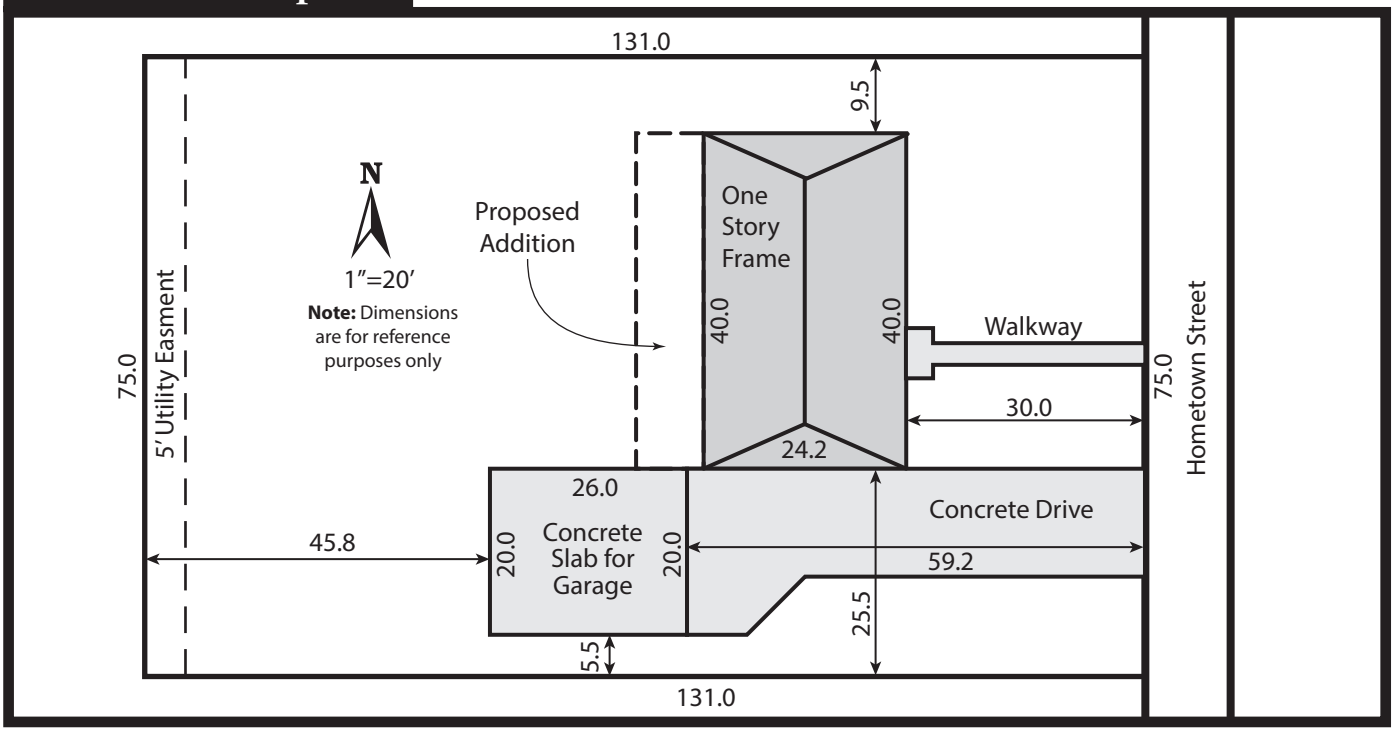
Site Plan Example



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Directions

Address: _____

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.

Roof covering_____ *(example: Class A 3 tab shingles)*

Underlayment_____ *(example: 15# felt with 19" laps)*

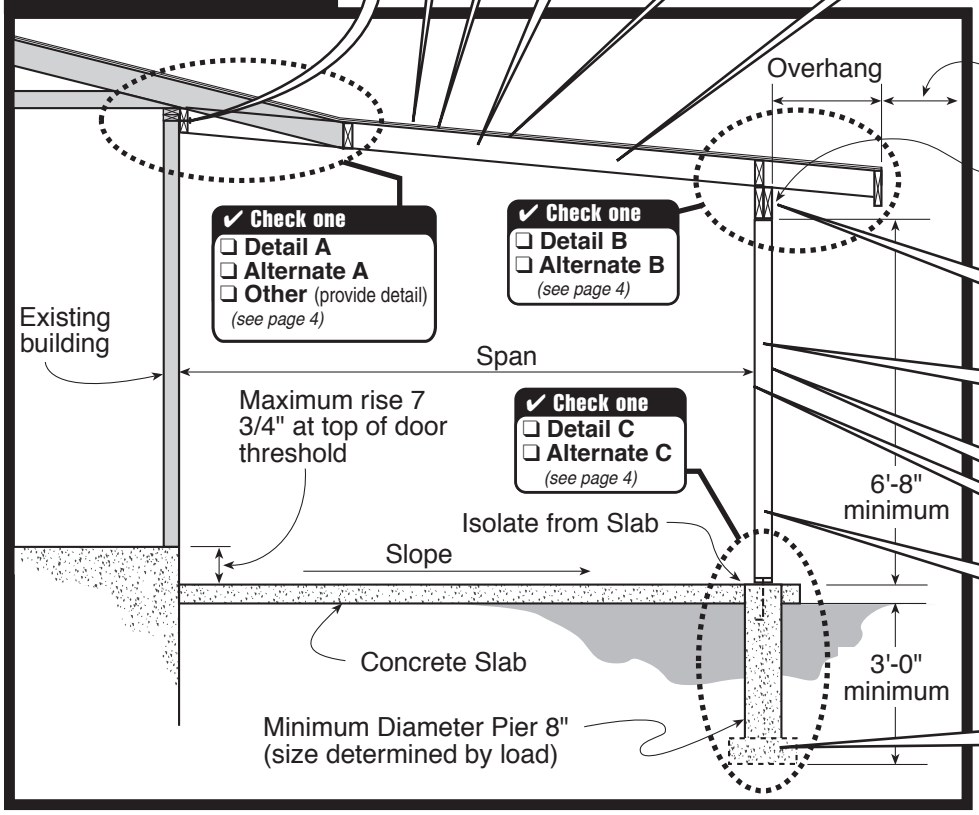
Size and Amount of Lags _____ *(example: Two 1/2"x 4 1/2" lags @ 16" O.C.)*

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 overhangs closer than 5' to the property line to be 1hr. rated

No closer than 2 feet to property line

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

(__)____"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)*

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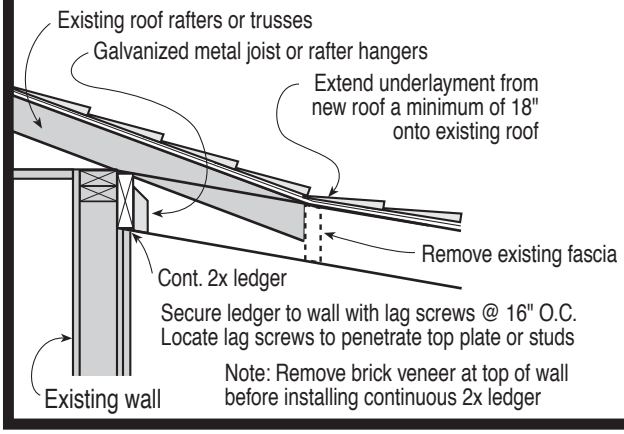
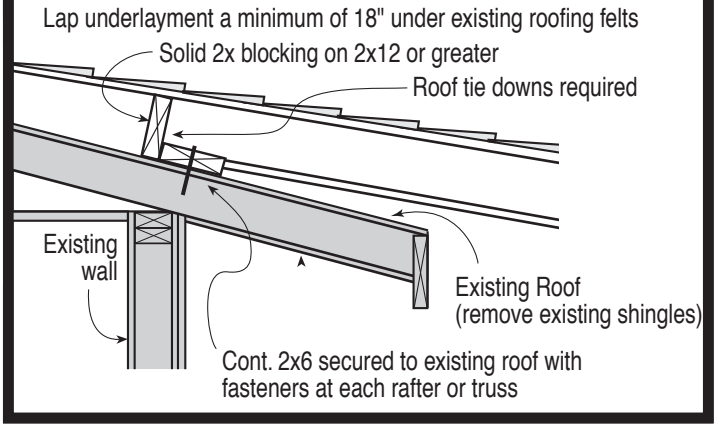
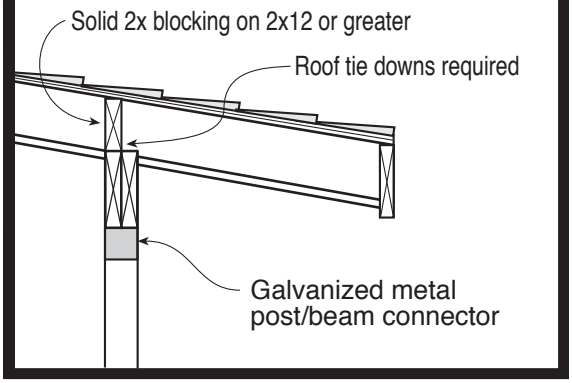
Detail A



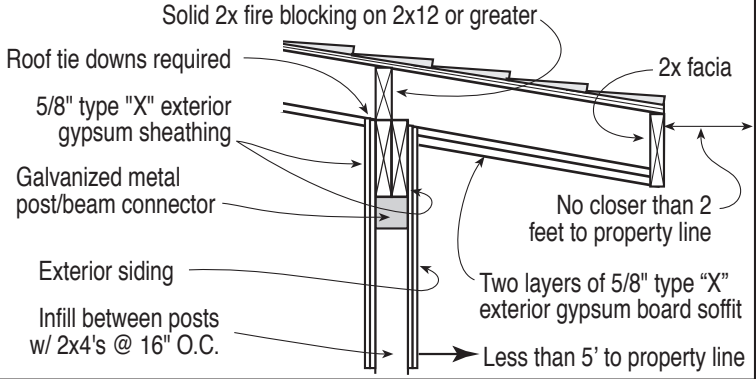
Alternate Detail A



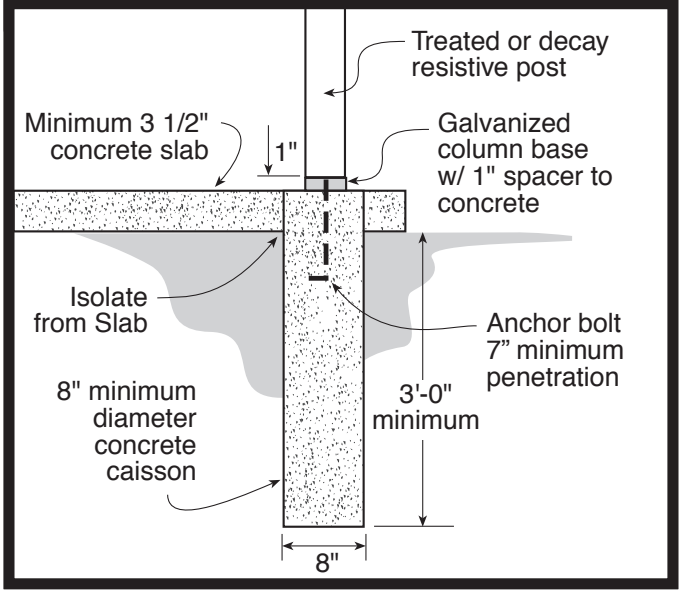
Detail B



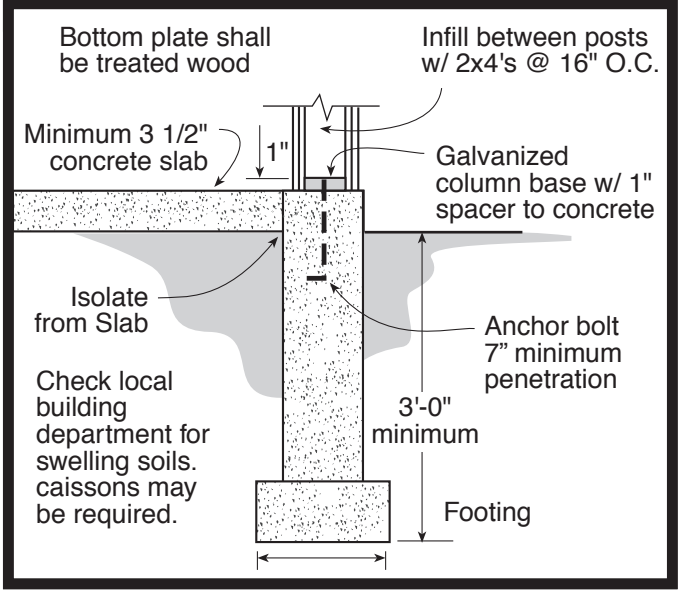
Alternate Detail B - 1 Hour Wall



Detail C



Alternate Detail C - 1 Hour Wall



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