



City of Casper

# Building Guide

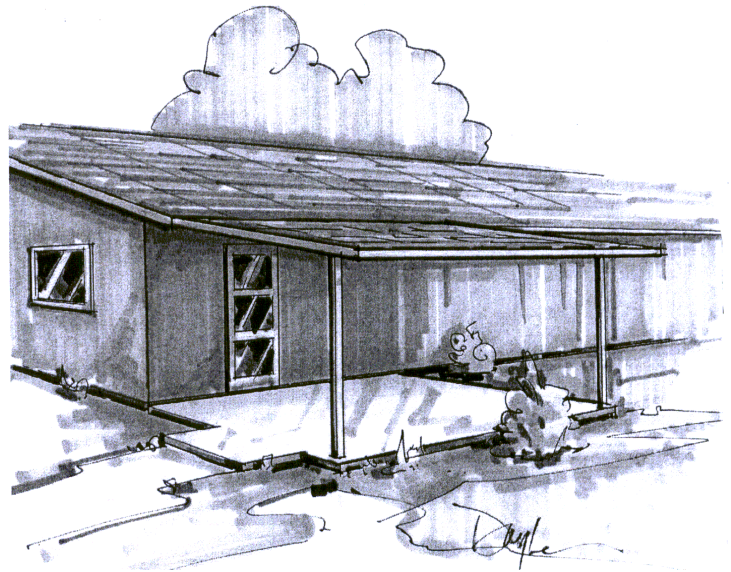
## Single Family Residential Patio Covers & Carports

### How to Use this Guide

Provide a set of plans, and complete the following:

1. **Complete this Building Guide** by filling in the blanks on page two and indicating which construction details will be used.
2. **Provide a Plot Plan** (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 City of Casper and 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. Contact the City of Casper, Community Development Building Department at (307) 235-8264 with any questions, or visit the web at [www.casperwy.gov](http://www.casperwy.gov).

This handout was developed by the City of Casper and the International Code Council as a basic plan submittal under the 2015 International Residential Code. It is not intended to cover all circumstances. Check with the Community Development Building Department for additional requirements.

# Single Family Residential Patio Covers & Carports

## 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 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 Alternative 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 3/8"x 4 1/2" lags @ 16" O.C.)

**12 pitch** \_\_\_\_\_

**Sheathing** \_\_\_\_\_  
(example: 1/2" exterior plywood)

**2x \_\_\_\_\_ rafters spaced \_\_\_\_\_" O.C.**  
(example: 2 x 8 rafters spaced 24" O.C.)

**Patio Section**

**Existing building**

**Span** \_\_\_\_\_

**Maximum rise 7 3/4" at door**

**Slope**

**Concrete Slab**

**Isolate from Slab**

**Minimum Diameter Pier 8"**

**Overhang**

**Note:** Walls, posts, and overhang closer than 5' 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 spaced \_\_\_\_\_ apart**  
(example: 4"x4" spaced 6' apart)

**6'-8" minimum**

**3'-0" minimum**

**Footing "x" "**  
(for Alternate C only)

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

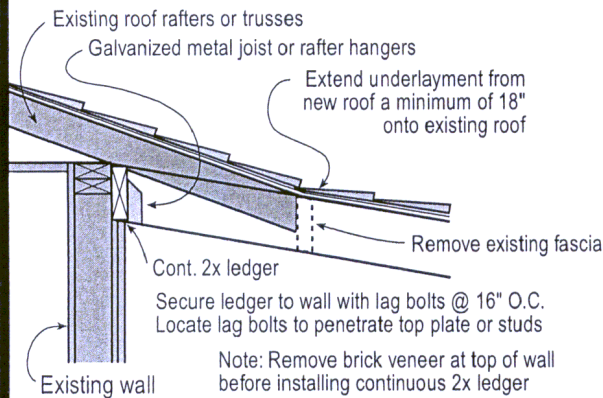
**Check one**  
☒ Detail B  
☐ Alternate B  
(see page 3)

**Check one**  
☒ Detail C  
☐ Alternate C  
(see page 3)

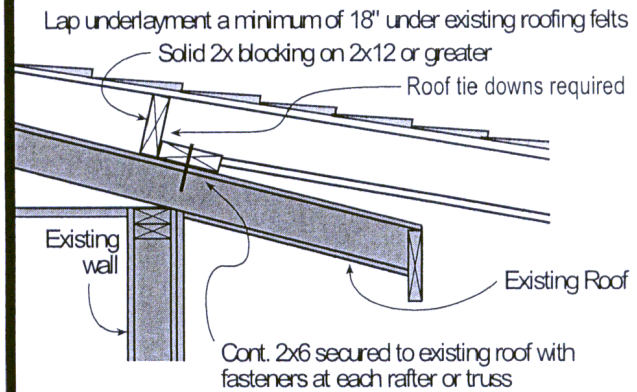
**All plan reviews are subject to field inspections.**

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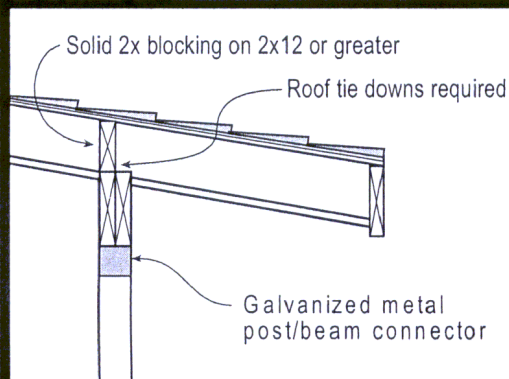
## Detail A



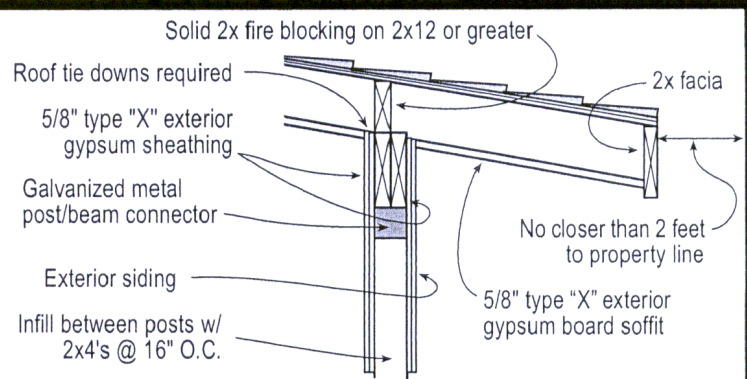
## Alternate Detail A



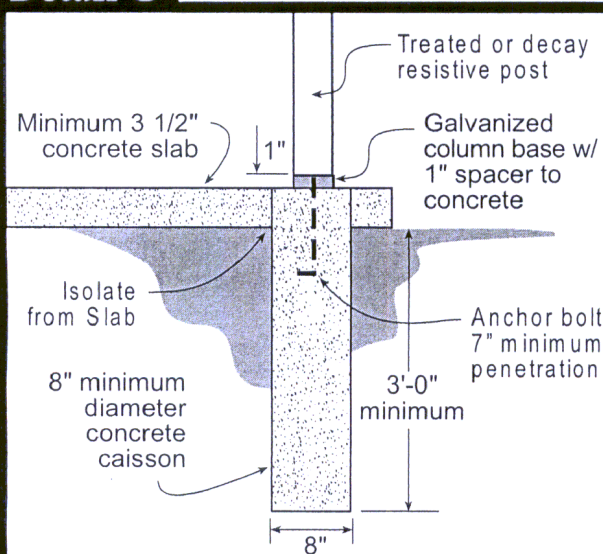
## Detail B



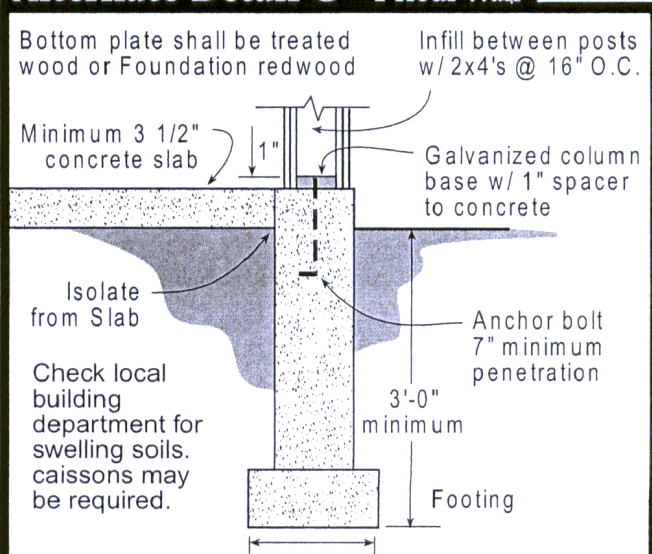
## Alternate Detail B - 1 Hour Wall



## Detail C



## Alternate Detail C - 1 Hour Wall



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