

Single Family Residential Addition

Building Guide

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The purpose of this guide is to assist you in the permit process for your project. This handout is intended as a basic plan submittal under the 2006 International Residential Code. It is not intended to cover all circumstances. Depending on the scope and complexity of your project, additional and/or more detailed plans might be required.

How to Use this Guide:

1. Provide three (3) site plans:

Show the dimensions of your project and its relationship to existing setbacks, easements, structures on the property, and the distance to property lines. Be sure to show the location of your utilities (i.e. gas, water, sewer, electric, etc) and any existing meters. If the project will require moving any utilities or meters, show where those will be re-located.

Notes:

- a. A survey from a registered land surveyor will be required if your project is located in a protected area.
- b. An as-built survey is required if the structure is proposed in a location 12 inches or less from the required minimum setback.
- c. Structures shall not be located on easements.
- d. If you do not know the locations of your utilities, contact the Utility Notification center of Colorado at 1-800-922-1987. Remember to ask them about the cost of this service.

2. Complete Page 2 of this Guide:

Fill in the blanks on page three and indicate which construction details will be used. At least two completed copies must be provided to apply for a building permit.

3. Provide a Floor Plan:

A sample floor plan is provided on page 4. Show the existing dimensions of the house, the dimensions of the new room, any new openings and items to be re-located.

Notes:

- a. Special consideration will be given to any new openings that exceed 6 feet in a bearing wall. A plan from registered engineer may be required in these instances.
- b. Additions cannot enclose bedroom or basement egress windows.
- c. Heat is required in all habitable rooms. Show how the addition will be supplied with heat.
- d. Smoke detectors are required in homes. If the room requires the addition of a smoke detector, new regulations call for detectors to be powered by electricity (not battery-operated)

4. Submit a completed Permit Application:

Applications may be obtained at City Hall. It is important that the permit is filled out completely to the best of your knowledge and that you provide any additional pertinent information.

5. Submit compliance documentation:

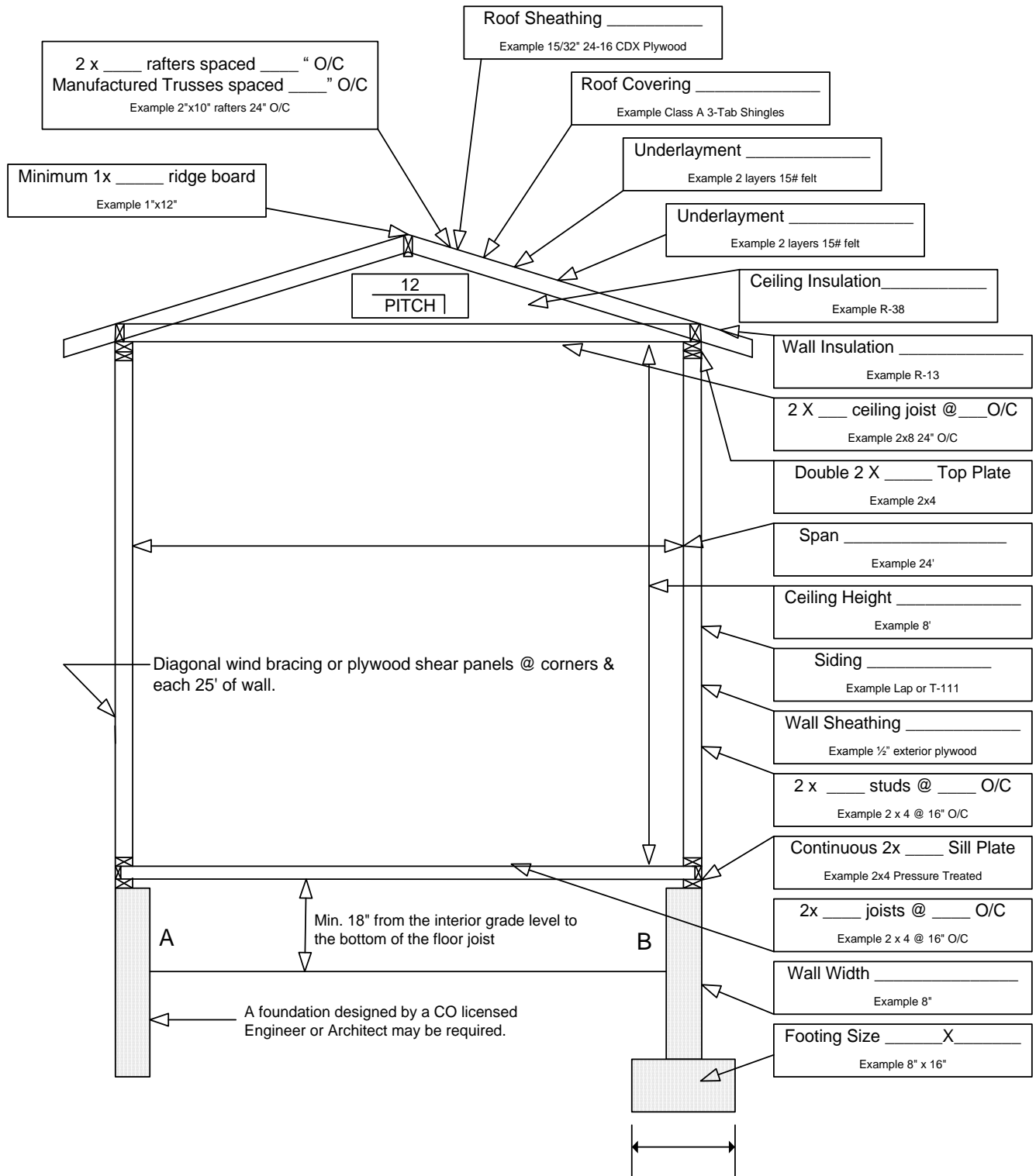
Submit documentation showing compliance with the 2006 International Energy Conservation Code. Acceptable Documents include:

- a. Prescriptive from Chapter 11 of the 2006 IRC
- b. Trade-Off-Rescheck compliance sheet
- c. Energy analysis by a certified energy rater

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CONSTRUCTION DETAILS

Single Family Residential Addition

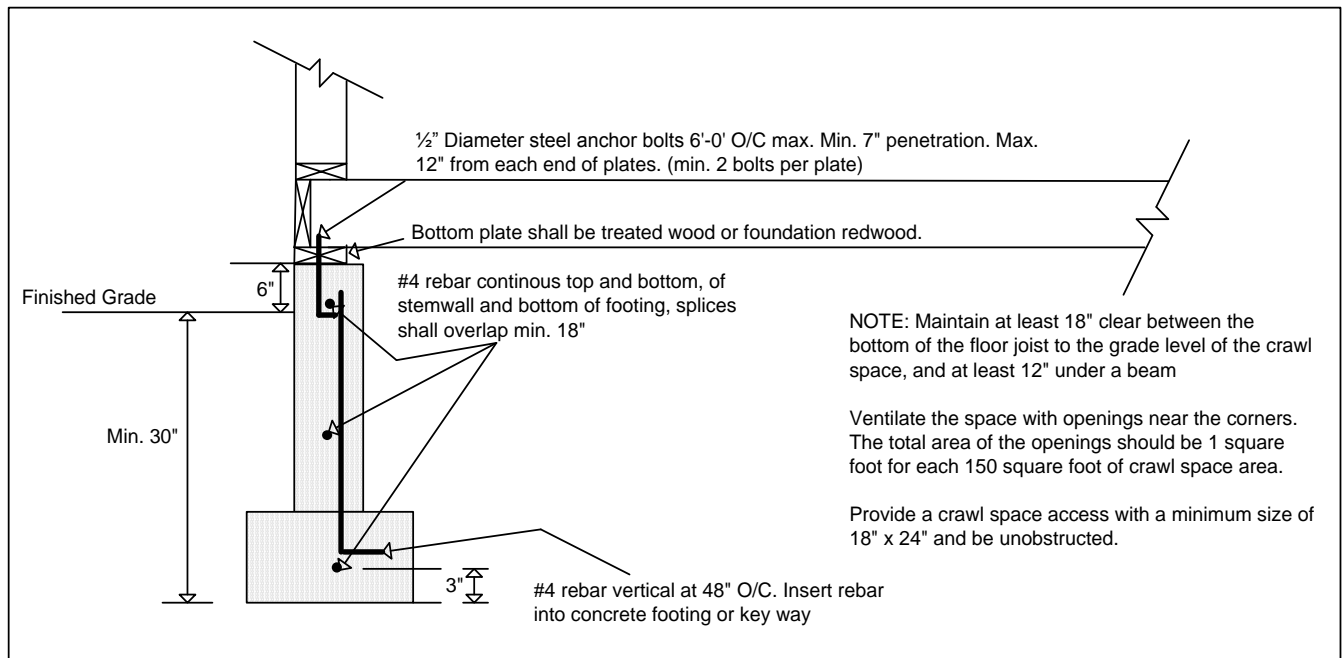


CONSTRUCTION DETAIL NOTES:

1. Provide solid 2x blocking between rafters or trusses and roof tie downs.
2. Attic ventilation and access may be required.
3. For roofs with slopes less than 4:12 follow manufacturer's instructions for low slope application of roofing material.
4. Pre-engineered floor systems may be used and should be installed according to the manufacturer's installation instructions.
5. Where new roofs adjoin walls of an existing structure, flashing must be installed under the existing exterior finish material and over the new roof.
6. When constructing a new roof valley, use a continuous board under the bottom cut of the new rafters to provide a solid nailing surface. The board should be at least 1" thick and should be at least as wide as the base of the new rafter.
7. For all pre-engineered systems, the manufacturer's installation instructions must be available to the inspector on-site. Failure to provide these materials upon request will result in your project failing inspection.

CRAWL SPACE FOUNDATION DETAIL

(Additions over basements will require an engineer designed foundation)

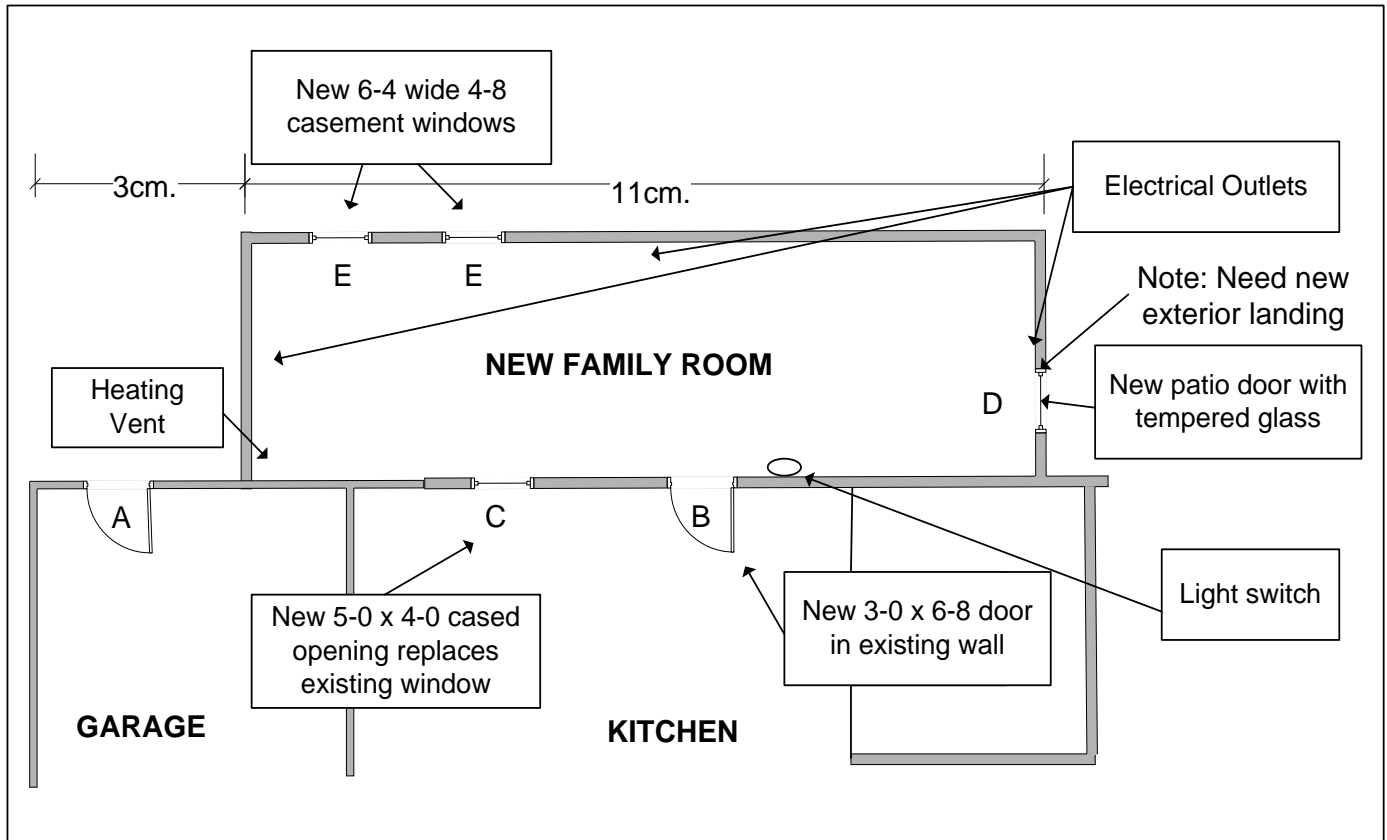


I am turning in this document as part of my submittal for a building permit. I have read this document in its entirety and understand its content. Upon reading this document, I understand that additional materials may be required of me prior to obtaining a permit. I will adhere to the building codes adopted by this jurisdiction in the construction of my project.

Signature: _____ Date: _____

SAMPLE FLOOR PLAN

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We hope you find the information in this guide useful. If you have any questions, please feel free to contact us.

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