



Building Guide

Colorado Chapter of the International Code Council

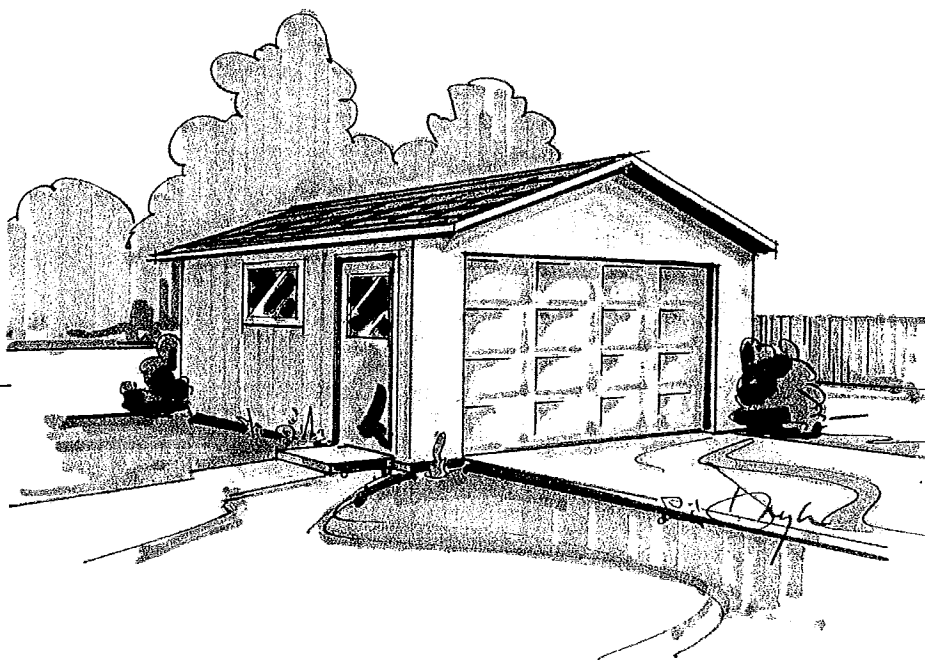
Single Family Residential One Story Detached Garage

How to Use this Guide

Provide *one* set of plans and complete the following:

- 1 Complete this Building Guide** by filling in the blanks on page two and three, and indicating which construction details will be used.
- 2 Provide 1 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 submitted documents will help determine if the project is in compliance with building safety codes, zoning ordinances and other applicable laws.



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Directions

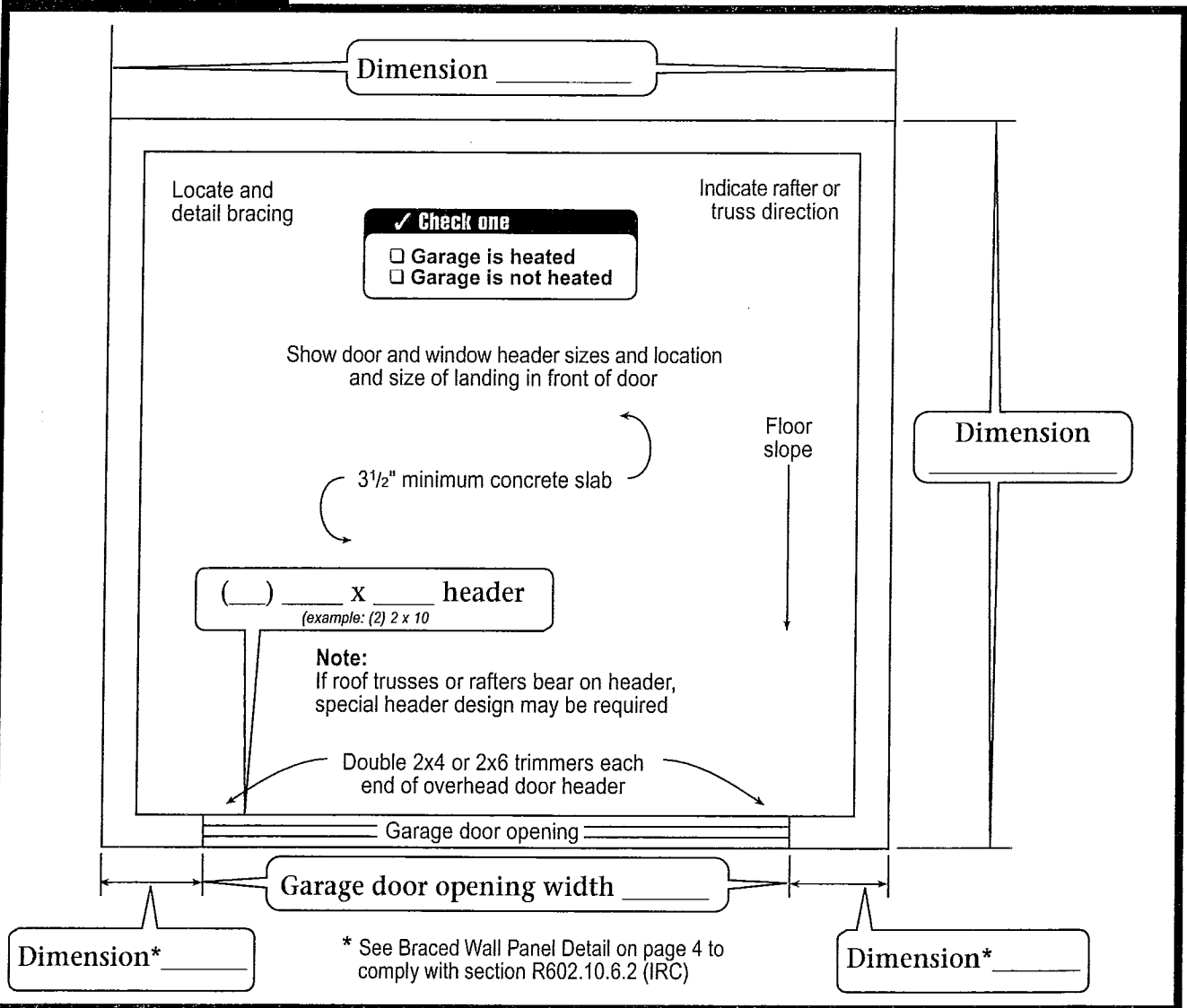
1. Fill in the blanks on pages 2 and 3 with dimensions and materials which will be used to build the structure. Please print legibly.

Address: _____

2. Indicate in the check boxes on page 3 which detail from page 4 will be used.

Note: Heated garages may require special provisions.

Floor Plan



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Note: For roofs with slopes less than 4:12, follow manufacturer's instructions for low slope application of roofing material.

Truss or 2x _____ rafters spaced _____ " O.C.
(example: Put checkmark in box -or- 2 x 10 Rafters Spaced 24" O.C.)

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

Minimum 1x _____ ridge board
(example: 1 x 12)

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

Underlayment _____
(example: 1 layer 15# felt)

Building Section

Provide roof tie downs
Solid 2x blocking between rafters
that are 2x12 or greater

12
pitch | _____

Ceiling Insulation _____
(If heated - example: R-38)

2x _____ ceiling joists @ _____ O.C.
(example: 2 x 8 @ 24" O.C.)

Double 2x _____ top plate
(example: 2 x 6)

Span

Span _____
(example: 23' 5")

Note: Pre-engineered roof trusses
w/truss clips may be used in lieu of
roof structure shown.

Ceiling height _____
(example: 8')

Diagonal wind bracing or braced wall panels
@ corners and each 25' of wall.

Siding _____
(example: lap or T-111)

Wall sheathing _____
(example: 1/2" exterior plywood)

2x _____ studs @ _____ O.C.
(example: 2 x 6 @ 24" O.C.)

Concrete Encased Ground
required for new service

Cont. 2x _____ sill plate
(example: 2 x 6)

Check one

- Foundation Detail A
- Foundation Detail B
(see page 4)

Wall Insulation _____
(If heated - example: R-19 Fiberglass Batts)

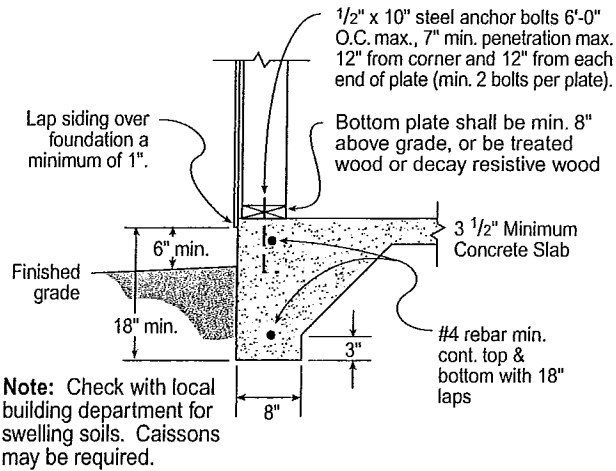
Footing size _____ x _____
(example: 8" x 16")

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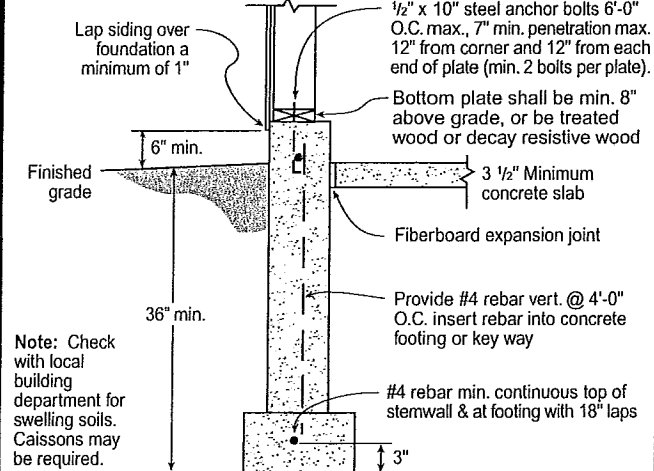
**SINGLE FAMILY RESIDENTIAL
ONE STORY DETACHED GARAGES
OVER 800 S.F. IN FLOOR AREA WILL
REQUIRE A REGISTERED DESIGN
PROFESSIONAL TO DESIGN FOUNDATION.**

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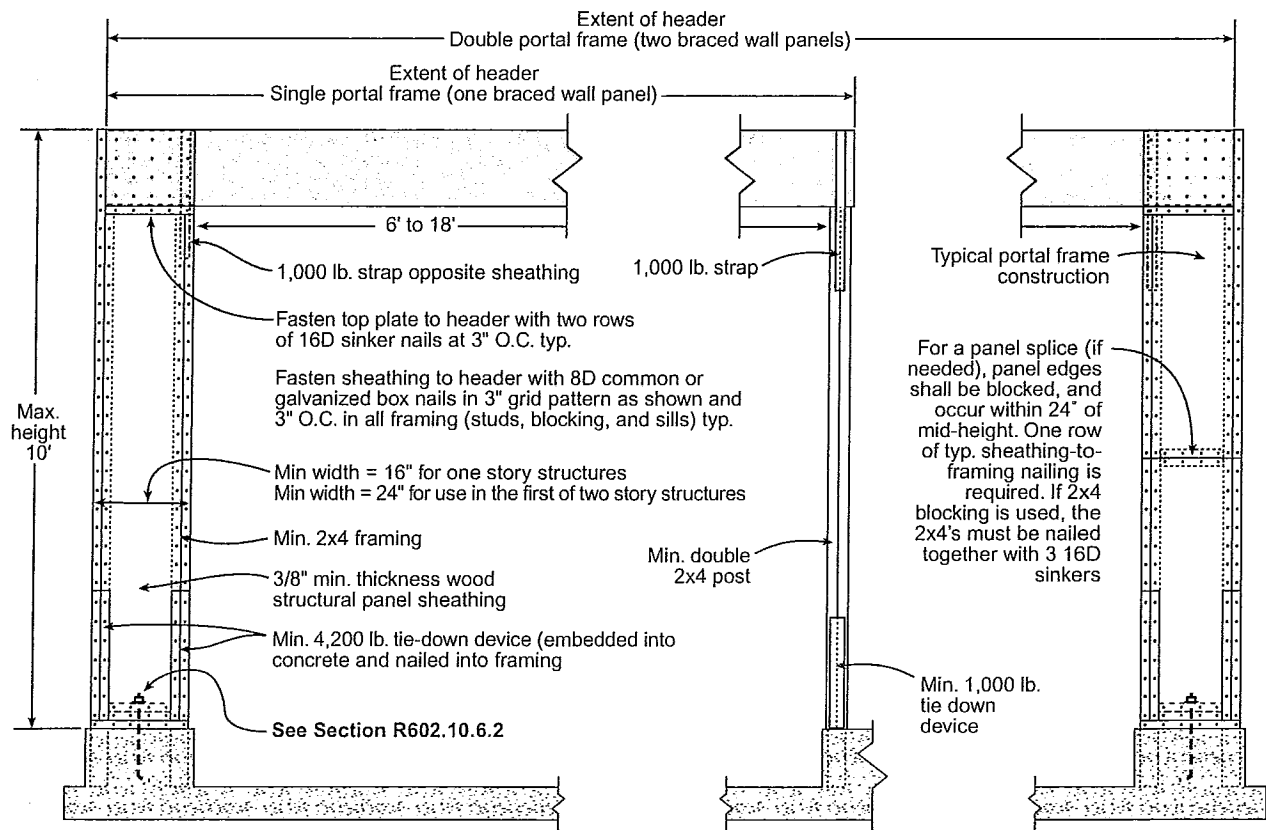
Foundation Detail A



Foundation Detail B



Braced Wall Panel Detail



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