Purpose of Guide

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 2015 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 may be required. Please note that where the word garage is used in the following details the word shed can be used in lieu of where applicable.

How to Use this Guide

1. **Complete the Building Guide:**
   Fill in the blanks on page (2) and indicate which construction details will be used. It is important to print legibly to help staff review the information. At least two (2) completed copies must be provided to apply for a building permit.

2. **Provide 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. All property pins must be located. If proposed structure is less than 12” from the minimum setback required by your local zoning ordinance, an as-built survey is required. Identification of the existing location of easements is the responsibility of the property owner.

3. **Submit a Completed Permit Application:**
   Applications may be obtained at City of Centennial or www.Centennialco.gov. It is important that the permit is filled out completely to the best of your knowledge, and that you provide any additional pertinent information.
Construction Details

Directions
1. Fill in the blanks on page (2) and (3) with dimensions and materials which will be used to build the structure. Please print legibly.
2. Indicate in the check boxes on page (3) which detail from page (4) will be used.

Job Site Address: ____________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Overall Width

Overall Length

MIN 3/4" concrete floor

Slope floor towards door MIN 3\(^\circ\) per foot

Header Size ( ) \( \times \) ( )
EXAMPLE 2\( \times \)12

Double 2\( \times \)4 or 2\( \times \)6 trimmers req. each end of header

Garage Door Opening

Opening Width

Dimension

NOTES: If roof joists or rafters bear on the header, special design may be required. Show direction headers span.

Circle one

CHECK ONE
☐ Garage is Heated
☐ Garage is not Heated

CHECK ONE
☐ Garage has Electricity
☐ Garage does not have Electricity

Show door and window header sizes and locations, and size of landing in front of door.
NOTE: If the foundation design differs from either standard Foundation Detail A or B on page (4), the foundation shall be designed and the details stamped by a Colorado registered professional engineer or licensed architect. The drawings must be noted with the engineering firm name, specific location for design and soils report number if applicable. Contact the Building Division for further information.

NOTE: If attic space is enclosed, provide attic ventilation in accordance with IRC R806.
Construction Details

FOUNDATION DETAIL A

Note: Check with local building department for swelling soils. Caution may be required

Lap siding over foundation MIN 1"

Finished Grade

MIN 3/8" concrete slab

6" MIN

3/8" steel anchor bolts 6-9" oc
MAX, 7" MIN penetration, MAX 12" from corner and 12" from each end of plate (MIN 2 bolts per plate)

Bottom plate shall be minimum 6" above grade, or be treated wood or decay resistant wood

#4 rebar MIN 6" in top & bottom with 12" laps

601 ft² or greater

FOUNDATION DETAIL B

Note: Check with local building department for swelling soils. Caution may be required

Lap siding over foundation MIN 1"

Finished Grade

MIN 3/8" concrete slab

36" MIN

3/8" steel anchor bolts 6-9" oc
MAX, 7" MIN penetration, MAX 12" from corner and 12" from each end of plate (MIN 2 bolts per plate)

Bottom plate shall be minimum 6" above grade, or be treated wood or decay resistant wood

Fiberboard expansion joint

Provide #4 rebar MIN @ 4-6" oc
Insert rebar thru concrete footing or keyway

#4 rebar MIN continuous top of stemwall & footing w/ 12" laps