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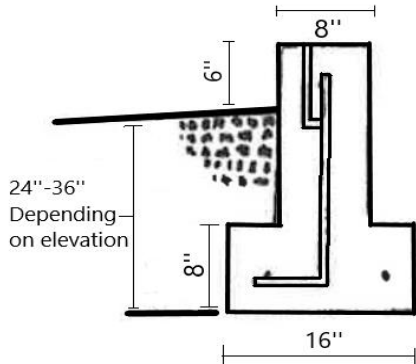
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Exhibit M to Ordinance 2018-2

Chaffee County Minimum Footing/Foundation Requirements

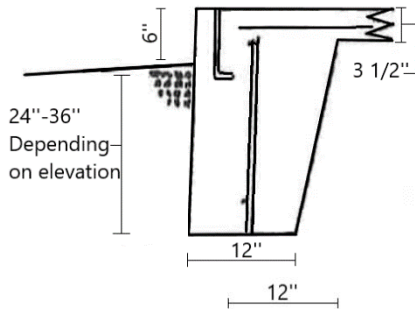
Page #1 See Page 2 for depth and other details

Perimeter Foundation



REINFORCEMENT-
FOOTING- 2 #4 (1/2 inch) continuous, lapped 16 inches bent around corners.
CONCRETE FOUNDATION- Horizontally 1 #4 at 2 Ft. on center
Vertically 1 #4 at 3 Ft on center
BLOCK FOUNDATION- Horizontally joint reinforcement every other course.
Vertically 1 #4 at 3 ft on center (32" O.C)
FOUNDATION BOLTS- 1/2 inch Embedded a minimum of 7". Spaced maximum 6 Ft on center. One within 12" of each end at sill plate joints (minimum 2 in each sill plate)
6 inch width max. 6' height supporting 1 floor and 1 roof
Rebar minimum #4 2' OC each way (with minimum 2 horizontal)

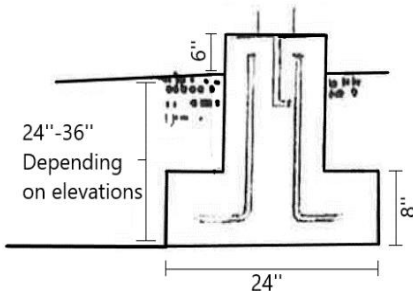
Monolithic Foundation



Monolithic foundation must be into undisturbed soil. All vegetation must be removed under slab . Any till used must be clean and properly compacted.

REINFORCEMENT- Horizontally 2 #4 (1/2 inch) continuous lapped 16" and bent around corners. Provide vertical rebar to support the horizontal rebar in proper position. 6"x6" welded wire mech with 6" laps.
FOUNDATION BOLTS- Same as above.

Patio, Deck, Carport Column Pad

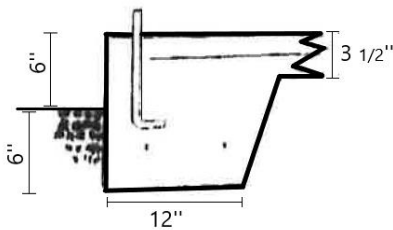


Design may be square or circular

REINFORCEMENT- 2 #4 (1/2 inch) rebar if connecting two pours together. Column base or other type of approved connector is needed. Concrete above grade is only needed when using a wood post that is untreated or not of a type with natural resistance to decay.

Decks (without roof) that are less than 4' high may use 12" diameter concrete without spread footing, if supporting less than 50 sq. ft.

Detached Single Story Accessory Structure
Under 400 Sq. Ft.



Monolithic foundation must be into undisturbed soil. All vegetation must be removed under slab . Any till used must be clean and properly compacted.

REINFORCEMENT- Horizontally 2 #4 (1/2 inch) continuous lapped 16" and bent around corners. 6"x6" welded wire mech with 6" laps.
FOUNDATION BOLTS- Same as above.

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Chaffee County Minimum Footing/ Foundation Requirements

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All Foundation systems must have cast in place perimeter footings with the exception of professionally designed systems, open carports, patios and decks.

Footings/Foundation systems must meet the minimum requirements herein unless required to be designed by the building official. Example: Some structures will need larger footings because of heavier loads.

All footings adjacent to the slopes must comply with applicable codes (2015 I.R.C Section R403 and 2015 I.B.C Section 1808) and this information must be provided with the application.

Concrete shall have a minimum compressive strength of 3000 psi at 28 days. Concrete exposed to the weather must be air-entrained with not less than 5% or more than 7%.

All reinforcement must be clean and properly supported in place (no rocks or bricks) for inspection. Bent verticals and anchor bolts must be onsite for inspection.

Minimum Footing Depths

Up to 8,000 Feet elevation above sea level	24 inches below finished grade
8,001-10,000 Feet elevations above sea level	30 inches below finished grade
Above 10,000 Feet above sea level	36 inches below finished grade

The bottom of the footing will need to be placed at the greatest depth that is indicated for your specific site. The elevation of the site shall be determined by Google Earth, a Professional Land Surveyor or a Professional Engineer.