

City of Goshen Footing Design Requirements

FOOTING

a. For the purpose of this code the word “footing” means that part of the building or structure upon which the foundation rests and is that part which distributes the load of the building or structure to the ground.

b. **Design Requirements.**

(1) The footing bottoms shall be a minimum of eighteen (18) inches below finish grade; AND,

(2) The minimum width of a concrete footing for a one story building with 1400 or less square feet shall be eighteen (18) inches. The minimum width of a concrete footing for two story buildings and buildings greater than 1400 square feet shall be twenty-four (24) inches.

(3) Minimum Footing rebar size shall be two (2) #4's in an eighteen (18) inch footing and three (3) #4's in a twenty-four (24) inch footing and supported 3 inches from the bottom of the footing with support approved by the Building Official; AND,

(4) The thickness of the concrete footing shall be a minimum of twelve (12) inches with a minimum of 3000psi concrete; AND,

(5) Minimum concrete footing for a concentrated load shall be twenty-four (24) inches by twenty-four (24) inches by twelve (12) inches in depth of 3000 psi concrete, eighteen (18) inches to bottom below finish grade with a rebar mat of four (4) #4's supported 3 inches from the bottom with support as approved by the Building Official; **OR**

(6) Designed by an Arkansas Registered Professional Architect or Engineer.

2. CRAWL SPACE.

Crawl space grade shall not be lower than finish grade outside of a building without construction of a drainage remedy approved by the Building Official.

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