



Community Development Department
14000 City Center Dr., Chino Hills, CA 91709
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www.chinohills.org

FOUNDATION & SLAB DESIGN

For additions & minor structures

1-Story Footings	Exterior Footings 24 inches deep. Interior Footings 12 inches deep. 1 #5 bar top and bottom in continuous footings.
2-Story Footings	Exterior Footings 24 inches deep. Interior Footings 18 inches deep. 1 #5 bar top and bottom in continuous footings.
Interior Beams	Interior Beams shall be placed at spacing not to exceed 25 feet and reinforced with 1 #5 top and bottom. Irregular shaped slabs should be divided into rectangles.
Garage Door Grade Beam	24 inches deep. 1 #5 top and bottom.
Living Area Floor Slabs	4 inches thick with #3's at 18" o/c both ways. No. 3 dowels from footing to slab at 36 inches on center. 4-inch gravel or sand base. 6-mil moisture barrier plus 1-inch of sand.
Garage Floor Slab	4 inches thick with #3's at 18" o/c both ways. Isolate from stem wall footings 4-inch thick gravel or sand base. No moisture barrier required.
Pre-Soaking Requirements	Soak to 24 inches depth 24 hours before concrete pour.

Notes:

1. All specified design parameters must be complied with in lieu of an approved lot specific foundation investigation.
2. Minimum concrete strength is 2500 PSI