

## FOUNDATIONS

### FOOTERS

TYPE	WIDTH	DEPTH
STEM WALL:	20"	10"
MONOLITHIC:	12"	20"
FIREPLACE:	12" deep with a matt of #5 rebar	

**FOOTER REINFORCEMENT:** footers require a minimum of 2 - #5 rebar run 3" above the bottom of the footer. The rebar must be bent around all corners and lapped a minimum of 25". Footer rebar must be cold bent (not heated).

**FOOTER GROUNDING:** a #4 solid copper wire must be clamped to a full 20 rebar and stubbed out of the footer to go to the ground rod and meter base.

### ANCHOR BOLTS:

SIZE:	5/8"
WASHER SIZE:	3"
SPACING:	Maximum 32" on center
EMBEDMENT:	Minimum 7" into concrete
TREATMENT:	Hot dipped galvanized (except for borate treated sill plates)

### SLABS

THICKNESS:	Minimum 3 – 1/2"
VAPOR BARRIER:	Minimum 6-mil
TREATMENT:	Termite soil treatment required

Note: do not walk on soil after termite treatment (walk on vapor barrier).

**WELDED WIRE REINFORCEMENT:** monolithic footers are required to have 6 X 6 welded wire reinforcement located in the middle to upper third of the slab, and turned down into the footer. Stem wall footers may use fiber reinforced concrete.

### PIER FOUNDATIONS

**WHEN ALLOWED:** pier foundations are allowed only for relocated structures and detached non-habitable structures.

**MAXIMUM HEIGHT:** piers over 36" high must be designed by a design professional (engineer or architect).

**SPACING:** maximum spacing for piers is 6-foot on center, unless otherwise approved by the department.