

6.3 – FOOTING WIDTH TABLES

Reprinted from: PRESCRIPTIVE METHOD FOR INSULATING CONCRETE FORMS IN RESIDENTIAL CONSTRUCTION by NAHB Research Centre, Inc.

NOTE: LOGIX recommend builders, owners and/or designers using these tables confirm that on-site loading conditions are within the scope of the tables being used.

Minimum width of concrete footing for LOGIX walls

Maximum Number of Storeys	MINIMUM LOAD BEARING VALUE OF SOIL				
	2000 psf	2500 psf	3000 psf	3500 psf	4000 psf
6.25" LOGIX Wall Thickness					
One Storey	15"	12"	10"	9"	8"
Two Storey	20"	16"	13"	12"	10"
8" LOGIX Wall Thickness					
One Storey	18"	14"	12"	10"	8"
Two Storey	24"	19"	16"	14"	12"
10" LOGIX Wall Thickness					
One Storey	20"	16"	13"	11"	10"
Two Storey	27"	22"	18"	15"	14"

- Minimum 28 day concrete compressive strength = 3000 psi (20 MPa)
- Table does not consider seismic. Footing design must also consider local design loads and building practices.
- Footings shall be minimum 8" thick, and shall have a width that allows for a nominal 2 inch projection from either face of the concrete in the wall to the edge of the footing.
- Table values are based on 40 ft building width (floor and roof clear span).
- Applicable for storey heights not greater than 9'-4".
- Basement wall shall not be considered as a storey in determining footing widths.
- Applicable also for 8 inch thick or 10 inch thick LOGIX foundation wall supporting 4 inch LOGIX storeys.
- Applicable also for 10 inch thick or 10 inch thick LOGIX foundation wall supporting 6.25 inch LOGIX storeys.