Will footings be concrete?

- ► **YES,** go to **STEP 5, SIZE FOOTING,** (p. 31).
- ► **NO,** see footing system manufacturer's instructions, then go to **Set the Home** (p. 38).

STEP 5. SIZE FOOTINGS

Once the load on the footing and the soil bearing capacity are known, calculate the size of each footing as follows:

1. From **Table 9** determine if the pier is to be of single stack blocks (8 inch x16 inch) or double stack blocks (16 inch x 16 inch).
2. Locate the group of columns in **Table 10** with the soil bearing capacity determined in **Prepare the Site, STEP 5. DETERMINE SOIL BEARING CAPACITY AND FROST LINE** (p. 17). Use the next lowest value if the exact value does not appear.
3. Find the row corresponding to the pier capacity required by Tables 5, 6 or 7. Then, read across the table to determine the minimum required footing area for the corresponding pier capacity and soil bearing capacity.
4. The required footing size and pier capacity may be changed by selecting different support spacing.

TABLE 9. PIER CONFIGURATION

Pier Configuration	Height	Configuration	Maximum load (lbs)	
			Without Mortar	With Mortar
Single Stack	Less than 36 in *	Single stack blocks with long side perpendicular to frame I-beam or parallel to perimeter rail (rim joist)	6,500	7,680
Double Stack	67" Max.	Double, interlocked blocks	13,000	15,360
Triple Stack	67" Max.	Triple, interlocked blocks	19,500	23,034
Double Reinforced	108" Max. **	Double, interlocked blocks	NA	39,500

* Single stack piers may be constructed up to 54" max. height only when installed as perimeter and marriage line support piers.
** Cross reference maximum allowable pier height with maximum floor height listed in frame tiedown charts. If maximum height listed in frame tiedown charts is exceeded then designs must be provided by a registered professional engineer or registered architect.