



DSA Structural Amendments under review are highlighted in GRAY

Template 18-08

2001 CBC - Chapter 18A

FOUNDATIONS AND RETAINING WALLS

Section - 1806A - FOOTINGS

Subsection(s) - 1806A.8.1

- 1 **1806A.8 Designs Employing Lateral Bearing.**
- 2
- 3 **1806A.8.1 General.** *Piles and caissons used to support lateral*
- 4 *loads from structures shall be designed with due consideration to*
- 5 *the elastic deformation of the piles, caissons, pile caps and con-*
- 6 *necting grade beams.* Construction employing posts or poles as
- 7 columns embedded in earth or embedded in concrete footings in
- 8 the earth may be used to resist both axial and lateral loads. The
- 9 depth to resist lateral loads shall be determined by means of the
- 10 design criteria established herein or other methods approved by
- 11 the *enforcement agency.*