



DSA Structural Amendments under review are highlighted in GRAY

**Template 19-31**

**2001 CBC - Chapter 19A  
CONCRETE**

**Section - 1915A - FOOTINGS**

**Subsection(s) - 1915A.2.1 - 1915A.2.2.1**

1 **1915A.2 Loads and Reactions.**

2  
3 **1915A.2.1** Footings shall be proportioned to resist the factored  
4 loads and induced reactions, in accordance with the appropriate  
5 design requirements of this code and as provided in this section.  
6 *The appropriate induced reactions for strength design may be*  
7 *computed as those due to a factor of 1.5 times the soil pressures*  
8 *from gravity load combinations and the seismic load combina-*  
9 *tions of Section 1612A.3.*

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11 **1915A.2.2 Base area of footing.**

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13 **1915A.2.2.1 [For DSA/SS]** Base area of footing or number and  
14 arrangement of piles shall be determined from the external forces  
15 and moments (transmitted by footing to soil or piles) and permissi-  
16 ble soil pressure or permissible pile capacity selected through  
17 principles of soil mechanics. *External forces and moments are*  
18 *those resulting from unfactored loads (D, L, W and E) specified in*  
19 *Chapter 16A.*