



DSA Structural Amendments under review are highlighted in GRAY

**Template 18-07**

**2001 CBC - Chapter 18A**

**FOUNDATIONS AND RETAINING WALLS**

**Section - 1806A - FOOTINGS**

**Subsection(s) - 1806A.6.1**

1 **1806A.6 Foundation Plates or Sills.**

2

3 **1806A.6.1 [For DSA/SS] Sills under bearing or shear walls**  
4 *shall be bolted as required by Section 2320A.6.* Wood plates or  
5 sills shall be bolted to the foundation or foundation wall. Steel  
6 bolts with a minimum nominal diameter of 1/2 inch (12.7 mm)  
7 shall be used in Seismic Zones 0 through 3. Steel bolts with a mini-  
8 mum nominal diameter of 5/8 inch (16 mm) shall be used in Seis-  
9 mic Zone 4. Bolts shall be embedded at least 7 inches (178 mm)  
10 into the concrete or masonry and shall be spaced not more than 6  
11 feet (1829 mm) apart. There shall be a minimum of two bolts per  
12 piece with one bolt located not more than 12 inches (305 mm) or  
13 less than seven bolt diameters from each end of the piece. A prop-  
14 erly sized nut and washer shall be tightened on each bolt to the  
15 plate. Foundation plates and sills shall be the kind of wood speci-  
16 fied in Section 2306A.4.