



DSA Structural Amendments under review are highlighted in GRAY

Template 23-20

2001 CBC - Chapter 23A
WOOD

Section - 2316A - DESIGN SPECIFICATIONS

Subsection(s) - 2316A.2 / 20. - 22.

20. Sec. 4.4.1.1. Delete and substitute as follows:

Rectangular sawn lumber beams, rafters, joists or other bending members shall be supported laterally to prevent rotation or lateral displacement in accordance with Section 4.4.1.2, or shall be designed in accordance with the lateral stability provisions in Section 3.3.3.

21. Sec. 4.4.1.2. Delete first sentence.

(c) Add: The provisions of Item (b) above apply.

(d) Delete and substitute as follows:

Six to 1; bridging, full-depth solid blocking or cross bracing shall be installed at intervals not exceeding 8 feet (2438 mm) and the provisions of Item (b) above shall apply unless:

Both edges of the member are held in line or,

The compression edge of the member is supported throughout its length to prevent lateral displacement, as by adequate sheathing or subflooring, and the ends and all points of bearing have lateral support to prevent rotation.

22. Add a section as follows:

4.4.1.4 Bridging for Floor Joists and Roof Joists or Rafters. *Roof joists or rafters of more than 8-inch (203 mm) depth and floor joists of more than 4-inch (102 mm) depth which are spaced 32 inches (813 mm) on center or less shall be provided with*

32 *bridging to distribute superimposed loads. Floor joists shall be*
33 *bridged every 8 feet (2438 mm) and roof joists or rafters every 10*
34 *feet (3048 mm) by solid blocking 2 inches (51 mm) thick and the*
35 *full depth of the joist or rafter, or by wood cross bridging of not less*
36 *than 1 inch by 3 inches (25 mm by 76 mm) or nailed metal cross*
37 *bridging of equal strength. Where cross bridging is used, the lower*
38 *ends of such cross bridging shall be driven up and nailed after the*
39 *floor, subfloor or roof has been nailed.*