



DSA Structural Amendments under review are highlighted in GRAY

Template 23-31

2001 CBC - Chapter 23A
WOOD

Section - 2320A - CONVENTIONAL LIGHT-FRAME
CONSTRUCTION DESIGN PROVISIONS

Subsection(s) - 2320A.8.1 - 2320A.8.7

1 2320A.8 Floor Joists.

2
3 2320A.8.1 General. *Floor joists shall be designed in accor-*
4 *dance with the general provisions of these rules and regulations.*

5 ● ● ● ●

6
7 2320A.8.3 Framing details. Joists shall be supported laterally
8 at the ends and at each support by solid blocking except where the
9 ends of joists are nailed to a header, band or rim joist or to an ad-
10 joining stud or by other approved means. Solid blocking shall not
11 be less than 2 inches (51 mm) in thickness and the full depth of
12 joist.

13
14 Notches on the ends of joists shall not exceed one fourth the joist
15 depth. Holes bored in joists shall not be within 2 inches (51 mm) of
16 the top or bottom of the joist, and the diameter of any such hole
17 shall not exceed one third the depth of the joist. Notches in the top
18 or bottom of joists shall not exceed one *tenth* the depth and shall
19 not be located in the middle third of the span. *Notches or holes*
20 *shall not be placed in joists unless fully detailed in the approved*
21 *plans.*

22
23 Joist framing from opposite sides of a beam, girder or partition
24 shall be lapped at least 3 inches (76 mm) or the opposing joists
25 shall be tied together in an approved manner.

26
27 *Ledger strips applied to the sides of girders for support of joists*
28 *shall not be less than 2 inches by 4 inches (51 mm by 102 mm).*

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30
31 **2320A.8.5 Supporting bearing partitions.** Bearing partitions
32 perpendicular to joists shall not be offset from supporting girders,
33 walls or partitions more than the joist depth.

34
35 Joists under and parallel to bearing partitions shall be doubled
36 *and nailed or bolted as set forth for built-up beams in Table*
37 *23A-II-B-1, or may be separated by solid blocking of 2-inch-mini-*
38 *mum (51 mm) nominal thickness spaced at not more than 4-foot*
39 *(1219 mm) intervals.*

40
41 **2320A.8.6 Blocking.** Floor joists shall be blocked when re-
42 quired by the provisions of Division III, Part I or Section
43 2320A.8.3.

44
45 **2320A.8.7 Bridging.** *Floor joists more than 4 inches (102 mm)*
46 *in depth shall be provided with bridging in accordance with the*
47 *provisions of Section 2316A.2, Item 22, 4.4.1.4.*