



DSA Structural Amendments under review are highlighted in GRAY

Template 23-33

2001 CBC - Chapter 23A  
WOOD

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

Subsection(s) - 2320A.11.3 - 2320A.11.7

1 **2320A.11.3 Bracing.** *Bracing for walls which are part of the lat-*  
2 *eral load-resisting system shall be designed in accordance with*  
3 *the general provisions of these rules and regulations.*  
4

5 *All exterior walls and main cross-stud partitions which are not*  
6 *part of the lateral load-resisting system shall be effectively and*  
7 *thoroughly braced at each end, or as near thereto as possible, and*  
8 *as otherwise necessary to resist wind and seismic forces by one of*  
9 *the following methods:*

10 ● ● ● ●

11  
12 **2320A.11.5 Cripple walls.** Foundation cripple walls shall be  
13 framed of studs not less in size than the studding above with a  
14 minimum length of 14 inches (356 mm), or shall be framed of sol-  
15 id blocking. When exceeding 4 feet (1219 mm) in height, such  
16 walls shall be framed of studs having the size required for an addi-  
17 tional story.  
18

19 Cripple walls having a stud height exceeding 14 inches (356  
20 mm) shall be *considered to be first-story walls for the purpose of*  
21 *determining the bracing required by Section 2320A.11.3.* Solid  
22 blocking or wood structural panel sheathing may be used to brace  
23 cripplewalls having a stud height of 14 inches (356 mm) or less. In  
24 Seismic Zone 4, Method 7 is not permitted for bracing any cripple  
25 wall studs.  
26

27 Spacing of boundary nailing for required wall bracing shall not  
28 exceed 6 inches (152 mm) on center along the foundation plate  
29 and the top plate of the cripple wall. Nail size, nail spacing for field  
30 nailing and more restrictive boundary nailing requirements shall

31 be as required elsewhere in the code for the specific bracing mate-  
32 rial used.

33  
34 **2320A.11.6 Headers.** *In all cases, the construction at heads and*  
35 *jambes of openings shall be structurally adequate for the design*  
36 *loads prescribed in these regulations.*

37  
38 **2320A.11.7 Pipes in walls.** Stud partitions containing plumb-  
39 ing, heating, or other pipes shall be so framed and the joists under-  
40 neath so spaced as to give proper clearance for the piping. Where a  
41 partition containing such piping runs parallel to the floor joists, the  
42 joists underneath such partitions shall be doubled and spaced to  
43 permit the passage of such pipes and shall be bridged. *Notches*  
44 *shall not be placed in studs unless fully detailed on the approved*  
45 *plans to restore the structural resistance of the member.*

46  
47 **NOTE:** *See Section 2320A.11.10 for bored holes.*

48  
49 *All splices in studs or plates which are required to resist loads*  
50 *shall be designed and fully detailed on the approved drawings.*