



DSA Structural Amendments under review are highlighted in GRAY

Template 23-17

2001 CBC - Chapter 23A
WOOD

Section - 2316A - DESIGN SPECIFICATIONS

Subsection(s) - 2316A.2 / 7. - 8.

1 **7. Sec. 2.3.4. Add a second paragraph following Table 2.3.4:**

2
3 The allowable unit stresses for fire-retardant-treated solid-sawn
4 lumber and plywood, including fastener values, subject to pro-
5 longed elevated temperatures from manufacturing or equipment
6 processes, but not exceeding 150°F (66°C), shall be developed
7 from approved test methods that properly consider potential
8 strength-reduction characteristics, including effects of heat and
9 moisture.

10
11 **8. Sec. 2.3.6. Add second, third and fourth paragraphs as**
12 **follows:**

13
14 The values for lumber and plywood impregnated with approved
15 fire-retardant chemicals, including fastener values, shall be sub-
16 mitted to the *enforcement agency* for approval. Submittal to the
17 *enforcement agency* shall include all substantiating data. Such
18 values shall be developed from approved test methods and proce-
19 dures that consider potential strength-reduction characteristics,
20 including the effects of elevated temperatures and moisture. Other
21 adjustments are applicable, except that the impact load-duration
22 factor shall not apply.

23
24 *The values for fasteners specified in Division III shall be re-*
25 *duced to 90 percent, except that values for light metal plate con-*
26 *nectors shall be recommended by each truss plate manufacturer*
27 *and approved by the enforcement agency.*

28
29 Values for glued-laminated timber, including fastener design
30 values, shall be recommended by the treater and submitted to the
31 *enforcement agency* for approval. Submittal to the *enforcement*
32 *agency* shall include all substantiating data.

33
34 In addition to the requirements specified in Section 207, fire-
35 retardant lumber having structural applications shall be tested and
36 identified by an approved inspection agency in accordance with
37 UBC Standard 23-5.