DSA Structural Amendments under review are highlighted in GRAY

Template 23-22

2001 CBC - Chapter 23A
WOOD

Section - 2316A - DESIGN SPECIFICATIONS
Subsection(s) - 2316A.2 / 28.

28. Sec. 5.4.6. Add a new section as follows:

Manufacture and Fabrication. *The manufacture and fabrication of structural glued-laminated timber shall be in accordance with ANSI/AITC A 190.1 and the following requirements:*

1. ***Joints.*** *All portions of end joints in adjacent laminations shall be separated in accordance with ANSI/AITC A 190.1 and ASTMD3737. The areas requiring 6-inch (152 mm) spacing shall be shown on the approved drawings or described in the specifications.*

Joints in adjacent laminations of arched members shall be separated as required for bending members.

2. ***Adhesives.*** *Dry-use adhesives shall not be used.*

3. ***Moisture content at the time of gluing.*** *The maximum moisture content of the wood at the time of gluing shall not exceed 16 percent for projects located in coastal areas, 12 percent for projects located in interior valleys or 10 percent for projects located in desert areas, with the geographical areas as determined by the enforcement agency. The moisture content of the wood formembers that will be exposed to direct sunlight in the finished structure shall not exceed the following limits at time of gluing:*

1. 12 percent for Alaskan Yellow Cedar

2. 10 percent for all other species

The minimum moisture content shall not be less than 7 percent.

The range of moisture content of laminations assembled into a single member shall not exceed 5 percent at the time of gluing.

*3. **Reinforcement for radial tension.** Where mechanical reinforcement is required to resist radial tension, reinforcement shall be as described in 3rd Edition (1985) of the Timber Construction Manual or as otherwise approved. The maximum spacing of mechanical reinforcement shall not exceed one half the effective embedded thread length of the member at the location of reinforcement. The effective embedded thread length is the embedded thread length in the tension zone from the neutral axis of the member to the end of the reinforcement.*

*4. **Inspection.** See Section 2337A for inspection requirements.*