



DSA Structural Amendments under review are highlighted in GRAY

Template 23-10

2001 CBC - Chapter 23A
WOOD

Section - 2315A - WOOD SHEAR WALLS AND
DIAPHRAGMS

Subsection(s) - 2315A.5.2

1 **2315A.5.2 Framing.** Collector members shall be provided to
2 transmit tension and compression forces. Perimeter members at
3 openings shall be provided and shall be detailed to distribute the
4 shearing stresses. Diaphragm sheathing shall not be used to splice
5 these members.

6
7 Diaphragm chords and ties shall be placed in, or tangent to, the
8 plane of the diaphragm framing unless it can be demonstrated that
9 the moments, shears and deflections and deformations resulting
10 from other arrangements can be tolerated.

11
12 *Chords and ties of hospitals, public elementary and secondary*
13 *schools, community college buildings, and state-owned or state-*
14 *leased essential services buildings having their centroids located*
15 *within 14 inches (356 mm) of the plane of the diaphragm sheath-*
16 *ing are considered to be in the plane of the framing; calculations*
17 *to establish shear lag and other effects are required when the*
18 *chords or tie centroid is located further than 14 inches (356 mm)*
19 *from the plane of the diaphragm sheathing.*