



DSA Structural Amendments under review are highlighted in GRAY

Template 19-47

2001 CBC - Chapter 19A
CONCRETE

Section - 1921A - REINFORCED CONCRETE STRUCTURES
RESISTING FORCES INDUCED BY
EARTHQUAKE MOTIONS

Subsection(s) - 1921A.6.2.2

1 1921A.6 *Shear Walls, Diaphragms and Trusses.*

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4 1921A.6.2 Reinforcement

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7 1921A.6.2.2 At least two curtains of reinforcement shall be used
8 in a wall if the in-plane factored shear force assigned to the wall

9 exceeds $2A_{cv} \sqrt{f'_c}$ (For SI: $0.166A_{cv} \sqrt{f'_c}$).

11 When V_u in the plane of the wall exceeds $A_{cv} \sqrt{f'_c}$ (For SI:

13 $0.08A_{cv} \sqrt{f'_c}$), horizontal reinforcement terminating at the edges
14 of shear walls shall have a standard hook engaging the edge rein-
15 forcement, or the edge reinforcement shall be enclosed in .U.
16 stirrups having the same size and spacing as, and spliced to, the
17 horizontal reinforcement.

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20 Where boundary members are not required by Section
21 1921A.6.2.3, minimum reinforcement parallel to the edges of all
22 diaphragms and the boundaries of all openings shall consist of
23 twice the cross-sectional area of the minimum shear reinforce-
24 ment required per lineal foot of wall.