



DSA Structural Amendments under review are highlighted in GRAY

Template 19-48

2001 CBC - Chapter 19A  
CONCRETE

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

Subsection(s) - 1921A.6.6.3 - 1921A.6.6.4

1 *1921A.6.6 Design of shear walls for flexural and axial loads.*

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4 *1921A.6.6.3 Walls for resisting earthquake-induced forces.*

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6 *1921A.6.6.3.1 [For DSA/SS] Walls and portions of walls with*  
7  *$P_u > 0.35P_o$  shall not be considered to contribute to the calculated*  
8 *strength of the structure for resisting earthquake-induced forces.*  
9 *Such walls shall conform to the requirements of Section 1631A.2,*  
10 *Item 4.*

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12  
13 *Shear walls and portions of shear walls not meeting the condi-*  
14 *tions of Section 1921A.6.6.4 and having  $P_u < 0.35P_o$  shall have*  
15 *boundary zones at each end a distance varying linearly from*  
16  *$0.25 l_w$  to  $0.15 l_w$  for  $P_u$  varying from  $0.35 P_o$  to  $0.15 P_o$ . The*  
17 *boundary zone shall have minimum length of  $0.15 l_w$  and shall be*  
18 *detailed in accordance with Section 1921A.6.6.6.*

19  
20 *Where boundary members are not required by Section*  
21 *1921A.6.6.4, minimum reinforcement parallel to the edges of all*  
22 *shear walls 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.*