



DSA Structural Amendments under review are highlighted in GRAY

Template 21-28

2001 CBC - Chapter 21A  
MASONRY

Section - 2106A - GENERAL DESIGN REQUIREMENTS

Subsection(s) - 2106A.3.4 – 2106A.3.6

1 **2106A.3 Working Stress Design and Strength Design**  
2 **Requirements for Reinforced Masonry.**

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5 **2106A.3.4 Anchorage of flexural reinforcement.** The tension  
6 or compression in any bar at any section shall be developed on  
7 each side of that section by the required development length. The  
8 development length of the bar may be achieved by a combination  
9 of an embedment length, anchorage or, for tension only, hooks.

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12 Compression reinforcement in flexural members shall be  
13 anchored by ties or stirrups not less than *3/8 inch (9.5 mm)* in diam-  
14 eter, spaced not farther apart than 16 bar diameters or 48 tie diame-  
15 ters, whichever is less. Such ties or stirrups shall be used  
16 throughout the distance where compression reinforcement is  
17 required.

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20 **2106A.3.6 Lateral ties.** All longitudinal bars for columns shall  
21 be enclosed by lateral ties. Lateral support shall be provided to the  
22 longitudinal bars by the corner of a complete tie having an  
23 included angle of not more than 135 degrees or by a standard hook  
24 at the end of a tie. The corner bars shall have such support provided  
25 by a complete tie enclosing the longitudinal bars. Alternate longi-  
26 tudinal bars shall have such lateral support provided by ties and no  
27 bar shall be farther than 6 inches (152 mm) from such laterally

28 supported bar.

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30 Lateral ties and longitudinal bars shall be placed not less than  
31 1-1/2 inches (38mm) and not more than 5 inches (127 mm) from the  
32 surface of the column. Lateral ties *shall* be placed against the lon-  
33 gitudinal bars. \* \* \* Spacing of ties shall *conform to Section*  
34 *2106A.1.12.4, Item 1.*

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36 Ties shall be at least \* \* \* No. 3\* \* \* bars.