



DSA Structural Amendments under review are highlighted in GRAY

Template 21-26

2001 CBC - Chapter 21A
MASONRY

Section - 2106A - GENERAL DESIGN REQUIREMENTS

Subsection(s) - 2106A.2.7

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

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5 **2106A.2.7 Distribution of concentrated vertical loads in**
6 **walls.** The length of wall laid up in running bond which may be
7 considered capable of working at the maximum allowable com-
8 pressive stress to resist vertical concentrated loads shall not
9 exceed the center-to-center distance between such loads, nor the
10 width of bearing area plus four times the wall thickness. Concen-
11 trated vertical loads shall not be assumed to be distributed across
12 continuous vertical mortar or control joints unless elements
13 designed to distribute the concentrated vertical loads are
14 employed. *Structural members framing into or supported by walls*
15 *or columns shall be securely anchored. The end support of girders,*
16 *beams or other concentrated loads on masonry shall have at least*
17 *3 inches (76 mm) in length upon solid bearing not less than 4 in-*
18 *ches (102 mm) thick or upon metal bearing plate of adequate de-*
19 *sign and dimensions to distribute the loads safely on the wall or*
20 *pier, or upon a continuous reinforced masonry member projecting*
21 *not less than 3 inches (76 mm) from the face of the wall or other*
22 *approved methods.*

23
24 *Joists shall have bearing at least 3 inches (76 mm) in length*
25 *upon solid masonry at least 2-1/2 inches (64 mm) thick, or other*
26 *provisions shall be made to distribute safely the loads on the wall*
27 *or pier.*