



DSA Structural Amendments under review are highlighted in GRAY

Template 21-14

2001 CBC - Chapter 21A  
MASONRY

Section - 2104A - CONSTRUCTION

Subsection(s) - 2104A.6.1.2.2 – 2104A.6.1.2.4

1 2104A.6 Grouted Masonry.

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3 **2104A.6.1.2.2 Low-lift grouted construction.** Units shall be  
4 laid a maximum of 4 feet (1220 mm) before grouting, and all over-  
5 hanging mortar and mortar droppings shall be removed. Grouting  
6 shall follow each 4 feet (1220 mm) of construction laid and shall  
7 be consolidated so as to completely fill all voids and embed all re-  
8 inforcing steel. When grouting is stopped for one hour or longer,  
9 horizontal construction joints shall be formed by stopping the  
10 pour of grout not less than 1/2 inch (13 mm) or more than 2 inches  
11 (51 mm) below the top of the uppermost unit grouted. Horizontal  
12 steel shall be fully embedded in grout in an uninterrupted pour.

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14 **2104A.6.1.2.3 High-lift grouted construction.** Where high-lift  
15 grouting is used, the method shall be approved by the enforcement  
16 agency. Cleanout openings shall be provided in every cell at the  
17 bottom of each pour of grout. Alternatively, if the course at the bot-  
18 tom of the pour is constructed entirely of inverted open-end bond  
19 beam units, cleanout openings need only be provided in every re-  
20 inforced cell at the bottom of each pour of grout. The foundation or  
21 other horizontal construction joints shall be cleaned of all loose  
22 material and mortar droppings before each pour. The cleanouts  
23 shall be sealed before grouting. An approved admixture that re-  
24 duces early water loss and produces an expansive action shall be  
25 used in the grout.

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27 **2104A.6.1.2.4 Stresses.** All reinforced hollow-unit masonry  
28 shall be so constructed that the units stressed do not exceed those  
29 set forth in Sections 2107A.2.5 through 2107A.2.11.

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31 *Vertical barriers of masonry may be built across the grout*  
32 *space. The grouting of any section of wall between barriers shall*  
33 *be completed in one day with no interruption longer than one hour.*

34 *NOTE: See Section 2105A.3 for assumed masonry strength.*  
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