

**NC Department of Insurance
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Anchorage of Interior Load-Bearing Walls on Slab-On-Grade

Code: 2002 Residential Code

Date: August 12, 2004

Section: R403.1.6 and Figure R403.1(1)

Question:

In slab-on-grade construction, must interior load-bearing walls be anchored to the slab with 1/2-inch anchor bolts spaced 6 feet on center?

Answer:

No. Section R403.1.6 and Figure 403.1(1), requires that interior load-bearing walls in slab-on-grade construction be anchored to the slab with "approved fasteners". It is not the intent of this section to require 1/2-inch anchor bolts spaced 6 feet on center as required for exterior walls. The requirement is to fasten the wall to the slab in a manner that meets the approval of the Code Enforcement Official. Cut nails or powder actuated fasteners, appropriate for such an application, are often approved.