

INFORMAL CODE INTERPRETATION

**NC Department of Insurance
Office of the State Fire Marshal - Engineering Division
1202 Mail Service Center, Raleigh, NC 27699-1202
919-661-5880**

Anchorage of Interior Load-Bearing Walls on Slab-On-Grade

Code: 2012 Residential Code

Date: July 2, 2012

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 R403.1(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. See also Sections R802.11.1 and R4508 for uplift anchorage.