

ICC TRI-CHAPTER UNIFORM CODE COMMITTEE (TUCC)



AMENDMENT NUMBER: Structural 1

APPROVAL DATE: September 8, 2016

SUBJECT: Proposed amendment to isolated spread concrete footings Special Inspection and Test

This amendment is developed by the Tri-chapter Uniform Code Committee and is intended to enhance regional consistency in application and enforcement of the Building Code. Please verify acceptance of this amendment with your local building department prior to its application.

CODE REFERENCE(S):

2016 CBC Section 1705.3 Concrete Construction

ISSUE(S):

The proposed amendment modifies the type of exceptions from requiring special inspection for isolated spread concrete footings of buildings three stories or less above grade plane. Revise Section 1705.3 Exception as follows.

1705.3 Concrete construction. Special inspections and tests of concrete construction shall be performed by this section and Table 1705.3.

Exception: Special inspections and tests shall not be required for:

1. Isolated spread concrete footings of buildings three stories or less above grade plane that are fully supported on earth or rock, where the structural design of the footing is based on a specified compressive strength, f'c, no greater than 2,500 pound per square inch (psi) (17.2 Mpa).

RATIONALE:

Results from studies after the 1994 Northridge earthquake indicated that a lot of the damages were attributed to lack of quality control during construction. The proposed amendment improves quality control during construction and therefore needs to be incorporated into the Code. Revise CBC Section 1705.3 exception No. 1 to allow special inspection not to be required for isolated spread footing where the structural design of the footing is based on a specified compressive strength, f'c, no greater than 2,500 psi. This proposed amendment is a continuation of an amendment adopted during the previous code adoption cycle.