



CITY OF TOPEKA

Public Works Department
620 S.E. Madison – 3rd Floor
Topeka, Kansas 66603-3416
Permit Section (785) 368-3704 – Opt. 1
Fax Number (785) 368-1650

Development Services Division

Field Service Section (785) 368-3905-Opt. 3
Fax Number (785) 368-3915
www.topeka.org

May 23, 2006

To: **Residential, Commercial I, Commercial II, Concrete and Electrical Contractors**

Regarding: The Adoption of the 2005 National Electrical Code

Dear Sir or Madam:

This correspondence shall serve as notice that the City of Topeka adopted the 2005 National Electrical Code (NEC) on March 21, 2006.

One major item that will affect your project(s) is noted below.

A Concrete-Encased Electrode is now required. This will be an electrode encased by at least 50 mm (2 in.) of concrete, located within and near the bottom of a concrete foundation or footing that is in direct contact with the earth, consisting of at least 6.0 m (20 ft) of one or more bare or zinc galvanized or other electrically conductive coated steel reinforcing bars or rods of not less than 13 mm (½ in.) in diameter.

Our building inspector will be inspecting this method before the footings are poured. At this time some concrete contractors are already familiar with this installation. **Beginning June 1, 2006 no footings will pass without a concrete encased electrode. We are requesting that the electrode end be painted orange to make it easily identifiable.**

Projects, which are designed in accordance with the 2002 NEC, must be submitted for review within sixty calendar days or by May 26, 2006. During this sixty-day period, projects may proceed under the 2002 Or 2005 NEC; however plans shall specify which edition of the code was utilized for design. Projects submitted after May 21, 2006 shall conform to the 2005 NEC.

If you have any questions regarding this implementation policy, please do not hesitate to contact an electrical inspector at 368-3905 – Opt # 3. Your cooperation in this matter is greatly appreciated.

Respectfully,

Leo Martinez
City of Topeka Electrical/Elevator Inspector
Field Service Section – (785) 368-3905 Opt. # 3

CC: Dave Lundry Development Services
Miriam Berke Development Services

Example of a Concrete Encased Electrode

