

**Administrative Ruling #2012-02**  
**Building Development Services**  
**Springfield, Missouri**

Pursuant to General Ordinance 5982, Sub-Article VI and 5979, Sub-Article XIII, Chapter 36, Article III, Land Development Code, the following ruling is hereby made in order to clarify the concrete encased electrode requirements.

Code Reference:   International Residential Code, Section E3608.1 Grounding electrode system  
                          NFPA 70, National Electrical Code Article 250, Section 250.50 Grounding Electrode System

On residential projects the concrete encased electrode as required by NFPA 70, National Electrical Code or the 2012 International Residential Code will be inspected as a part of the footing inspection. The presence of the concrete encased electrode will be noted in the database as part of the inspection.

On commercial projects the concrete encased electrode as required by NFPA 70, National Electrical Code will be inspected by the building inspector as part of the footing inspection. The presence of the concrete encased electrode will be noted in the database as a part of the inspection.

For a phased project (i.e. foundation only submittals) the reviewer will inform the designer of the requirement for a concrete encased electrode if one is not specified. If the designer specifies a concrete encased electrode on the design documents for a phased project or a foundation only permit, the building inspector will inspect the electrode as part of the foundation permit.

On residential and commercial projects, if the concrete electrode required by the adopted codes is not provided, and it is determined that one is required after the placement of the footing concrete, the reinforcement steel shall be exposed and the proper connection made.

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Chris Straw, Director  
Building Development Services

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Date