

Project: Summit Orchard Lot 4B

Date: 4/11/2020

Antella Project A219-09

No.: \_\_\_\_\_

To: John Huss

From: Monica Santos

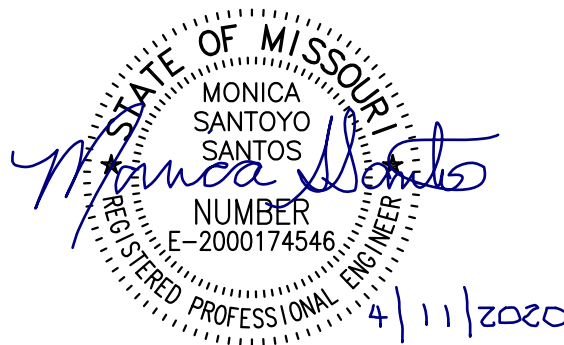
RE: Street Light Grounding

John,

In response to the question regarding the ground rod called out in the lighting pole base detail.

Per NEC 250.53 (G) Rod and Pipe Electrodes: "The electrode shall be installed such that at least 8ft of length is in contact with the soil. It shall be driven to a depth of not less than 8ft except that, where rock bottom is encountered, the electrode shall be driven at an oblique angle not to exceed 45 degrees from the vertical or, where rock bottom is encountered at an angle up to 45 degrees, the electrode shall be permitted to be buried in a trench that is at least 30 in deep. The upper end of the electrode shall be flush with or below ground level unless the aboveground end and the grounding electrode conductor attachment are protected against physical damage as specified in 250.10."

The Rods per the detail may be installed as per NEC 250.53 where rock is encountered.



Signed By: Monica Santos

Date: 4/11/2020

Copies: File