



Greene County Building & Zoning Department

Chuck Wooley

Building Official

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Re: Section 210.12 & 210.52 (C) (2) of the 2020 NEC

Good Afternoon,

As I am sure you are aware, Georgia and Greene county have adopted the 2020 NEC (National Electric Code). Since the adoption of this code, a number of issues have been brought to my attention relating to sections 210.12 & 210.52 of the 2020 NEC.

A refrigerator-to-electrical system connection must have an arc-fault circuit interrupter (AFCI) breaker installed, under Section 210.12 of the 2020 NEC. The 2020 NEC also specifies in Section 210.52 that there must be an outlet for a receptacle for the first 9 square feet of countertop space and another outlet for each additional 18 square feet of countertop space.

In accordance with Section 90.4 of the 2020 National Electrical Code and on behalf of the Greene County Board of Commissioners, the governing body with jurisdiction. I hereby waive the particular requirements of code sections 210.12 (when executed correctly as specified below) and 210.52. These sections call for products, materials, and installation locations that are harmful to the final consumer jeopardizing their wellness and health.

When addressing the proper installation of section 210.12 If AFCI breakers are not used “at the refrigerator branch circuit only”, the branch circuit must be installed in a metal raceway, metal auxiliary gutter, steel-armored cable, Type MC or Type AC, and metal boxes, conduit bodies, and enclosures that meet the relevant requirements of Section 250.118.

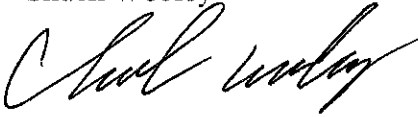
Section 210.52 regarding the number and location of receptacles shall be eliminated and replaced with the following language when discussing suitable installation: Receptacle outlets must be fitted in compliance with one of the following when serving an island, peninsular countertop, or work surface:

Mission Statement: *We strive to provide services of the highest quality in the area of water pollution control, fire protection, zoning administration, building inspections, and code enforcement in order to contribute to the physical, social, and economic growth of Greene County while also inherently improving the safety of the as built environment falling under our regulatory purview.*

1. On or above a countertop or work surface, but not more than (20 in.) above, a countertop or work surface;
2. In a countertop using receptacle outlet assemblies listed for use in countertops;
3. In a work surface using receptacle outlet assemblies listed for use in work surfaces or listed for use in countertops.

If a receptacle outlet is not provided to serve an island or peninsular countertop or work surface, provisions shall be provided at the island or peninsula for future addition of a receptacle outlet to serve the island or peninsular countertop or work surface. These standards shall be utilized until such time as the state revises the code or adequate products and materials have been tested and approved to support the code.

Chuck Wooley

A handwritten signature in black ink, appearing to read "Chuck Wooley", written in a cursive style.

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