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September 15, 2017

Town of Carrboro

Board of Alderman

301 West Main Street

Carrboro, NC 27510

Re: Justification for Lighting Pole Heights in Excess of 15 feet.

In conjunction with the re-development of the Saffelle site (PIN 9769-21-7639 and 9769-21-9629 located at the intersection of NC Hwy 54 and Carrie Road), Boer Brothers Heating and Cooling is working with Piedmont EMC to design and install Site Lighting; this site lighting will illuminate the parking/travel areas as well as providing site security. Piedmont proposes to install six (6) pole-mounted fixtures on site, four (4) of which will have a 25-foot mounting height and two (2) will have an 18-foot mounting height; these mounting heights exceed the Town's 15-foot mounting height standard. Piedmont's reasoning for requesting this deviation was to be able to provide a uniform light distribution on-site without having an over proliferation of fixtures on the site. It should be noted that a) the lighting levels shown on the Piedmont plan comply with the maximum permissible (lighting) levels at all property lines, and b) taller (fixture) mounting heights are typically utilized in commercial/manufacturing areas – this site is located within the WM-3 (commercial) corridor along Hwy 54 which the town is looking to have developed.