



COUNTY OF ALBEMARLE
Department of Community Development
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SP201600010 Cornerstone Community Church

County Engineer Comments on Permeable Pavement

The County Engineer does not recommend the use of permeable pavement on this site. He has said:

1. Stormwater management (SWM) requirements to be addressed during the site plan review would already ensure that the site met stormwater treatment requirements, with or without permeable paving. Stormwater treatment is not required to be provided on site. The applicant, however, has committed to provide onsite stormwater treatment, rather than purchasing off-site nutrient credits. Onsite treatment is a benefit for Albemarle County, especially considering that this site drains directly to the reservoir. County Engineering does not dictate the type of SWM measures to be used on any particular site, but instead allows applicants to choose what is best for them and suitable for the site in accordance with State SWM standards.
2. Permeable pavers require a strict maintenance program to prevent clogging, especially on a site like this with many surrounding trees. Vacuuming and replacement of stone may need to occur 3-4 times a year to maintain infiltration rates.
3. Pavers can potentially be a safety issue with the elderly, or those wearing heels or using canes, depending on the type of pavers used.