



Charlotte Storm Water
600 East Fourth Street
Charlotte, N C 28202-2844
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Rezoning Petition Review

To: Keith MacVean, CMPC

From: Doug Lozner / Jeff Hieronymus

Date of Review: November 16, 2005

Rezoning Petition #: 06-14

Existing Zoning: R-3

Proposed Zoning: B-1 (CD)

Location of Property: Approximately 8.25 acres located east of Sandy Porter Road, north of Arrowood Road.

Downstream Complaints: None.

Review Method(s): Review of topographic information, aerial photography, and a site visit.

Recommendations

Concerning Storm Water: **The petitioner shall include the following notes on the petition:**

The petitioner shall control and treat the entire runoff volume for the post-development 1-year 24-hour storm. Runoff draw down time shall be a minimum of 24 hours, but not more than 120 hours. Peak storm water release rates should match pre-development rates for the 2-year and 10-year 6-hour storm events.

The use of structural storm water treatment systems (wet ponds, extended detention wetlands, bio-retention, etc) shall be incorporated into the site and designed to have an 85% average annual removal for Total Suspended Solids generated from the development according to specifications in the most recent version of the N.C. Department of Environment and Natural Resources Best Management Practices Manual (Design Standards shall be met according to the City of Charlotte BMP Manual, when available).