



**Subject:** Rezoning Petition Review

**To:** Charlotte Planning, Design & Development

**From:** Doug Lozner

**Date of Review:** November 29, 2021

**Rezoning Petition #:** 21-183

**Existing Zoning:** R-8 (CD)

**Proposed Zoning:** R-8

**Location of Property:** Approximately 1.12 acres located on the north side of Ervin Ln and west side of China Grove Church Rd, south of E Westinghouse Blvd.

**Site Plan Submitted:** Yes

**Recommendations  
Concerning Storm Water:**

Please note there are ordinance required tree save/natural area on several parcels of the existing development. These areas are to remain protected in perpetuity.

Please include the following notes onto the site plan: *The petitioner shall comply with the Charlotte City Council approved and adopted Post Construction Stormwater Ordinance.*

**This property drains to Sugar Creek, which is an impaired/degraded stream, and may contribute to downstream flooding. This project has the opportunity to mitigate future impacts to this stream, therefore, Storm Water recommends placing the following notes on the plan:**

(I) Storm Water Quality Treatment

For defined watersheds greater than 24% built-upon area (BUA), construct water quality stormwater control measures (SCMs) designed for the runoff generated from the first 1-inch of rainfall for all new and redeveloped BUA associated with the project. SCMs must be designed and constructed in accordance with the Charlotte-Mecklenburg BMP Design Manual.

(II) Volume and Peak Control

For defined watersheds greater than 24% built-upon area, control the entire volume for the 1-year, 24-hour storm for all new and redeveloped BUA associated with the project. Runoff volume drawdown time shall be in accordance with the Charlotte-Mecklenburg BMP Design Manual.

For commercial projects with greater than 24% BUA, control the peak to not exceed the predevelopment runoff rates for the 10-yr, 6-hr storm and perform a downstream flood analysis to determine whether additional peak control is needed and if so, for what level of storm frequency, or if a downstream analysis is not performed, control the peak for the 10-yr and 25-yr, 6-hour storms.

For residential projects with greater than 24% BUA, control the peak to not exceed the predevelopment runoff rates for the 10-year and 25-year, 6-hour storms or perform a downstream analysis to determine whether peak control is needed, and if so, for what level of storm frequency.

Staff is available to discuss mitigation options prior to the rezoning plan approval should the project have practical constraints that preclude providing the above referenced stormwater management.