



MEMORANDUM

Date: September 3, 2025
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: 1216 Rolesville Road
CID-25-05 | 1st Submittal
Town of Rolesville, NC

This memo summarizes the review of Preliminary Subdivision Plat submitted by FLM Engineering, dated 08/01/2025 (received 08/05/2025).

Sheet C-1:

1. Please update submittal number (CID-25-05).

Sheet C-2:

2. Please note that the Town of Rolesville prefers RCP pipe within their ROW and for all public drainage.
 - a. Additionally, the stormwater report did not include HGLs; please include HGLs for all pipes based on a 10-year storm event in the next submittal.
 - b. A structure schedule should also be provided, defining the type of structure and grate being used.

Sheet C-6

3. Please clarify the curb style for the parking lots located in the northwest and southwest of the site.

Sheet C-7

4. Ensure there is enough separation between proposed storm drainage, water, and fire hydrant at north entrance of site.
5. The leader in Road 1 is not pointing to a fire hydrant.

Sheet C-8

6. The Town of Rolesville prefers CBs to be outside of driveways if possible. Please review (CB-411 & CB-307) in north cul-de-sac and determine if it can be shifted north.
7. While the curb is valley curb, per the town's standards, the curb should transition to standard curb at catch basins. Catch basins should be identified with the correct type of grate based on location for standard vs. valley.
 - a. All circled CBs could be driveover grates rather than standard. CB-402 depends on distance from driveway. If the curb transition can occur, then it should be standard.

Sheet C-11

8. All drainage inlets must be provided with inlet protection.
 - a. This comment also applies to Sheet C-12.

Sheet C-14

9. The plan and profile are backwards from each other. Please consider aligning them so the stationing goes in the same direction for easier reference.
10. Please label the required cover on pipes on all profiles.
11. Ensure all utility crossings have adequate separation and label the required separation on the profiles.

Sheet C-16

12. Confirm if grade break in profile is necessary. If it is, please take note that the location of grade break should be at the lane edge not in the middle of a lane.
13. Please label Centerline Grade Break.

Sheet C-21

14. Please take note that all public greenways shall have 2" of asphalt with 6" of ABC
15. Please review "typical interior roadway cross-section detail". The max slope should be 3:1.