



**BOLTON
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MEMORANDUM

Date: October 2, 2025
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Harris Creek Farms
CID-25-03, 2nd Submittal
Town of Rolesville, NC

This memo summarizes the review of Construction Infrastructure Drawings and Erosion Control & Stormwater Report & Calculations submitted by QuanTech Engineering, dated 09/02/2025 (received 09/08/2025).

Sheet 10:

1. Please provide more detail for the connection of Gideon Drive and the paved access. Details should include, but not be limited to, dimensions of pavement on the site plan and a typical section with pavement details. There needs to be enough detail so the contractor knows how to construct the paved access and the Town inspector can confirm it is being constructed correctly.
 - a. In your comment response you said to see Sheet 57, but that is the landscaping details and no other sheet appeared to provide the intersection design information. If additional information is available, adding a leader/note on Sheet 10 directing the contractor to that sheet would be extremely helpful.

Sheet 14:

2. Pedestrian crossing signage will be required for all midblock crossings at through traffic locations.

Sheet 16 - 18:

3. All pedestrian ramp and street details (site details) should be NCDOT or pulled from the Town of Rolesville Standards Manual. Please review and revise the details included accordingly.
 - a. Only use City of Raleigh street details if NCDOT or Town of Rolesville does not have anything to provide the required detail.

Sheet 25:

4. Label the existing Universal Drive easement width.
5. Please confirm if the existing treelines shown through the erosion control sheets are to be removed or protected.
 - a. This comment applies to all erosion control sheets.

Sheet 27:

6. Confirm why EC Plan Stage 2 was removed.



Sheet 42:

7. Consider adding rip rap or a concrete splash pad to prevent erosion at this location due to the direction and proximity to the sidewalk.
8. Add drainage pipe labels to the plan view, to match the drainage network table.
 - a. This comment applies to all grading and drainage sheets.

Sheet 51:

9. REPEAT: Please show driveway locations for individual lots to check for conflicts.

Sheet 53:

10. REPEAT: Revise the callout of the future location of 12" waterline, from referencing the PSP to referencing the correct CID submittal.

Sheet 56:

11. REPEAT: Landscape plans must be signed/sealed by a Landscape Architect.

Sheet 58:

12. Label the ROW width for the connecting street on the west side of Street A and label the street.

Sheet 63:

13. Please add a label on the Sewer Outfall East Profile calling out minimum depth requirement.

Sheet 68:

14. Please review grades for ADA compliance per the Town's Standards Manual for greenways.

Sheet 75:

15. REPEAT: Please add a legend or notes to provide clarity on the intent of this design. These should include but not be limited to information about milling extents and pavement design.
 - a. This comment applies to the Mitchell Mill plan sheets.

Sheet 83:

16. REPEAT: Confirm how waterline will be constructed without interfering with driveway culverts. Will driveways require patching? Additional notes and information is needed.
 - a. This comment applies to all of the driveway crossings.

Sheet 92:

17. Please bring the watermain linework to the front to clearly depict it is a proposed water; currently it is being shaded by the road and appears to be existing because of the grey.