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## MEMORANDUM

Date: 03/18/2024  
To: Michael Elabarger  
From: Brian Laux  
Subject: Preserve Jones Dairy - Central  
CD 20-05 REV3  
Town of Rolesville, NC

This memo summarizes the review of revisions to storm drainage, watermain and sanitary sewer submitted by Preserve at Jones Dairy LLC, dated 02/29/2024 (received 03/01/24).

The following memo includes markups of the revisions of the previously released for construction plan set dated January 27, 2023, for Preserve Jones Dairy Central (CD 20-05). The following comments pertain to the changes in the storm and sewer networks as submitted with the revision dated 02/29/2024.

### Sheet C5.2 DRAINAGE PLAN - CENTRAL:

1. Storm from 317 to 315 has been rerouted. Make sure this has been updated and accounted for in storm calculations package.

### Sheet C5.4 DRAINAGE PLAN - WEST:

2. Several Pipe runs were flattened considerably and now the HGL's for these pipes are out of the pipe in the 10-year storm condition. Please review and adjust accordingly.
3. Fix the text overlap below the scale on this page.
4. All highlighted runs of pipe were updated. Include all updated pipe and structures in the revision cloud.
5. The Pipe run from structure 318 to 366 does not match the pipe size in the storm calculations. Verify and correct the pipe size and be sure it has adequate cover.

### Sheet P1.1 PLAN AND PROFILE - CATTLE DRIVE:

6. Show and label are storm pipes that are to be abandoned and filled with flowable fill. As well as any structures that will be removed and replaced as part of the revisions.

Sheet P1.2 PLAN AND PROFILE - CATTLE DRIVE:

7. Notify the City of Raleigh of all revisions. (Applies to all sheets)

Sheet P4.2 PLAN AND PROFILE - FIGHTING BULL DRIVE:

8. Label all structures shown in the profile and show pertinent crossings in the profile.
9. Sewer and storm structure appears to be designed at the same elevation for a crossing location. Please review and adjust accordingly.

Sheet P7.1 PLAN AND PROFILE – LINCOLN RED DRIVE:

10. Fix text conflict.
11. Update and verify all crossings to reflect the new design Typ. (Applies to all sheets)

Sheet STORM DRAINAGE REPORT:

12. This pipe was missing previously; the HGL is out of the pipe. Please review and adjust accordingly.
13. Several Pipe runs were flattened considerably and now the HGL's for these pipes are out of the pipe in the 10-year storm condition. See the marked-up storm package for details; please review and adjust accordingly.
14. Revise DA for DI-317 and DI-316 to match the updated design condition.
15. Ensure re-routed storm is accounted for in the calculations of each SCM.
16. Revise DA to show ridge causing drainage to go each direction