

MEMORANDUM

Date: 5/24/2023
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Jones Dairy Storage Facility
SDP-23-03, 5th Submittal
Town of Rolesville, NC

This memo summarizes the review of the site development plan submitted by Timmons Group, dated 05/01/2024 (received 5/05/2024).

Sheet C2.0:

1. See sheet E010. Proposed pavement on E010 does not match proposed paving shown on Sheet C2.0. Note, the light poles may need to be adjusted.
2. Add back details 6,7 and 8/C6.0 to Key Notes since they still seem to be relevant.

Sheet C3.0:

3. Detail 2/C6.5 needs to be added to sheet C6.5.

Sheet C4.0:

4. The detail on page C6.3 shows 1.5" RPZ Backflow Preventer but the Key Note on C4.0 shows 1". Edit the incorrect dimension (either here or in detail).

Sheet C4.1:

5. Adjust the line weight for the Limits of Construction to show it as proposed.
6. Traffic control details should be relocated to Sheet C4.3 or a sheet following to keep relevant information on the same pages.
7. It would be easier to follow the plans if the plan view was on C4.2 with the profile. Consider switching with Grading and Erosion Control Plan on C4.2, especially since C4.2 is titled plan and profile.
 - a. Consider reviewing and revising your sheet titles to match the information shown on each plan sheet.
8. Fix the leader that is cut off and overlapping text in the Site & Utility Plan view.

Sheet C4.2:

9. Show the manholes located in non-paved areas to have a rim 1-foot minimum above ground level per detail 4/C6.3.
10. The Temporary Lane Closures detail should be relocated to C4.3 or a sheet following that. It should be shown with other traffic control information.

Sheet C6.0:

11. There is no “concrete sidewalk” shown on Sheet C2.0. The concrete is called out as heavy duty concrete pavement. Update labels/details so what is being shown in the plans is consistent, and it is clear what to use where.
12. Change Heavy Duty Concrete Pavement detail number to 3.

Sheet C6.5:

13. Add detail 2: Storm Drainage Trenches as noted on page C3.0.
 - a. Consider renumbering your details on this sheet for order; if anything is renumbered, please confirm all callouts within the plans are updated.
14. Detail 6 is repeated on sheet C6.3. Delete one and fix any call-outs throughout sheet set.
15. Fix the text overlap on detail 8.

Sheet C7.1:

16. If this detail applies differently than what was provided in earlier plan sheets, there should be traffic control notes as well to clarify the purpose.

Sheet E010:

17. The proposed paving does not match Site Plan. Correct this and adjust proposed light poles accordingly.