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MEMORANDUM

Date: April 30, 2024
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Wallbrook Lot 7 – Mass Grading/Erosion Control
CID-24-02, 1st Submittal
Town of Rolesville, NC

This memo summarizes the review of construction documents submitted by Ark Consulting Group, dated 04/01/24 (received 04/03/24).

Sheet C.01:

1. Update the project number on the title sheet and on the title block, with the Rolesville project number: CID 24-02.
2. In the sheet index, the reference survey from Johnson, Mirmiran & Thompson shows there are four sheets included. There are only three sheets included for this survey in the plan set. Include the fourth sheet or update the sheet index.

Sheet C0.2

3. The erosion control sheets (C1.1 and C1.2) in this plan set show design contours from adjacent projects (Wallbrook Townhomes and Publix at Wallbrook). If these will be existing during the time of construction, and the design of Lot 7 is based on these design contours, the design contours should also be shown on sheet C0.2 for consistency, as existing contours.
4. Label all the existing rights-of-way shown with name and width.
5. Provide the property information for Lot 5, the adjacent property.
6. Please label all the easements shown on the existing conditions sheet. Provide deed book, page number, owner, and width.
7. Provide the label for the existing TCE shown running along the LOD on the west side of the lot with corresponding NCDOT project number as seen on sheets C1.1 and C1.2.
8. Ensure all contours labels are in locations that clearly label a specific contour and do not cause legibility issues with other labels on plans.
 - a. This is a typical comment that applies to all relevant sheets.
9. Label the existing creek with the creek name and label the riparian buffer.

Sheet C1.1

10. Silt fence outlets should be provided at the appropriate spacing along all silt fence.
 - a. Wake County to provide final approval for all erosion control.

Sheet C1.2

11. The area on the southwest portion of the site appears to be draining into TDD-2 but is not included in DA-2. Please update DA-2 accordingly.
 - a. Wake County to provide final approval for all erosion control.
12. The area surrounding the construction entrance appears to be draining off site without erosion control measures in place. Provide erosion control measures to manage this area.
 - a. Wake County to provide final approval for all erosion control.
13. The area east of TDD-1 appears to be draining off site. All on-site drainage should be captured and routed to the skimmer sediment basin.
 - a. Wake County to provide final approval for all erosion control.