

MEMORANDUM

Date: April 30, 2024
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Wallbrook Lot 8
CID-24-03, 1st Submittal
Town of Rolesville, NC

This memo summarizes the review of the Construction Infrastructure Documents submitted by ARK Consulting Group, dated 04/01/2024 (received 04/03/2024).

Sheet C0.1

1. Update the project number on the title sheet with the Rolesville project number: CID 24-03.
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. Label all the existing rights-of-way shown with name and width.
 - a. This comment applies to subsequent sheets.
4. Please label all the easements shown on the existing conditions sheet. Provide deed book, page number, owner, and width.
5. The previously approved Wall Creek Drive improvements are shown on subsequent sheets. If these will be existing during the time of construction, and the design of Lot 8 is based on these design contours, the design contours should also be shown on sheet C0.2 for consistency, as existing contours.
6. Please include in the existing pipe labels, including the pipe size, for all of the pipes adjacent and within the lot.
7. Provide the metes and bounds for the property.
8. Label the existing creek with the creek name and label the riparian buffer.
9. Adjust the overlapping labels to allow for legibility.
 - a. This comment applies to all sheets.
10. Please provide additional information on the Temporary Construction Easement (TCE) shown; clarify if it is from a different project or a previous plat. Provide a label for the TCE accordingly.

Sheet C1.1

11. The upstream invert for the temporary diversion ditch shown appears to be higher or at the existing ground elevation level. Provide the minimum ditch depth.

- a. Wake County to provide final approval on all erosion control plans.
- 12. Silt fence outlets will need to be provided along the low side of the site to account for all the drainage not being routed to the sediment basin.
 - a. Wake County to provide final approval on all erosion control plans.

Sheet C1.2

- 13. Based on shown contours, the highlighted area on the markups is draining into the diversion ditch. Please include this area in the diversion ditch/sediment basin area shown. Alternatively, if draining off site silt fence needs to be provided.
 - a. Wake County to provide final approval on all erosion control plans.
- 14. All onsite drainage must be routed to the pond; please adjust contours or ditches accordingly.
 - a. Wake County to provide approval on all erosion control plans.
- 15. There is a small section of contours going beyond limits of disturbance; please ensure all grading is within limits of disturbance.