

July 15, 2022

Town of Rolesville
502 Southtown Circle
Rolesville, North Carolina 27571

**RE: Harris Creek Interceptor Improvements
Response to 2nd Construction Drawings Review Comments
AWH21002**

The following are the response comments for the above-mentioned project. Our response comments are in **bold**.

PLANNING

Michael Elabarger

1. Please add "CD 22-03" as Town identifier to Cover sheet and all other sheets.
McAdams Response: The identifier has been added to the title blocks of each sheet.
2. Add appropriate revision dates to Plan set, both Cover and every other sheet.
McAdams Response: Revision dates have been added.
3. Clarify what entities will need to 'sign' these plans and add appropriate Signature blocks for those entities. For Town, please use block utilized for CD 20-06 or confer with Staff.
McAdams Response: The Town of Rolesville and City of Raleigh signature blocks have been added to the appropriate sheets.

ENGINEERING

Jacqueline Thompson

4. There do not appear to be any notes or traffic control plans related to this plan set. Please include notes or plan sheets to maintain access to the existing drives or clarify if the road will be closed during construction. It appears that not all accesses have a second option so I would image the developer/contractor will need to coordinate directly with the residents during construction to maintain access to some degree.
 - a. There appears to be silt fence and tree protection going through driveways and hard surface, which I would image would be a field adjustment but something that still affects access for residents.
 - b. Please clarify intent for traffic control during this project since there are several properties that will be affected.
McAdams Response: Traffic Control Notes have been added to the Project Notes sheet (C0.00). The TP fencing has been removed from the driveway areas and wattles are shown in place of silt fencing at the

concrete spillway area. We also added additional stone along Upchurch Lane for better traffic movement since the existing gravel is partly outside the Right-of Way.

CORPUD**Tim Beasley**

5. Cover: The offsite sanitary sewer easements must be prepared with Raleigh locked deed template, reviewed/signed by Raleigh and recorded prior to CD approval.

McAdams Response: The easements are still being prepared and will be submitted for review as soon as we receive them from the owners.

6. C5.00 Plan and Profile: I'd like to see future basin build out calculations to show how 24" and 18" SS is justified. This may need to be an update with the narrative for the sewer capacity study.

McAdams Response: The updated Sanitary Sewer Capacity study has been submitted directly to Tim Beasley with CORPUD on 8/23/2022 for review. The update includes future build-out calculations and justifies the pipe sizes shown on these plans.

7. C5.02 Plan and Profile: This needs to be redesigned to avoid such a steep slope on a 24" SS line. Maybe MH 44 needs to be deeper.

McAdams Response: The slope mentioned has been revised to lessen the steepness.

Consideration of this response is greatly appreciated. If you should have any questions or require additional information, please do not hesitate to contact me at 919.287.0779

Sincerely,

MCADAMS

Todd O'Daniel, PE
Engineering Services Manager, Residential

TO/ak