



August 1, 2024

Michael Elabarger
Senior Planner, Town of Rolesville
P.O. Box 250, 502 Southtown Circle
Rolesville, NC 27571

RE: *Response to Comments for TLE Rolesville*

Attached, please find the Applicant's written responses to comments from the Town of Rolesville, issued on July 18, 2024 for the above referenced project.

The responses are transmitted to you with the following information:

- One (1) Electronic Copy of the Plan set
- One (1) Stormwater Report

Please do not hesitate to contact me at (919) 653-2927 or chris.bostic@kimley-horn.com should you or your staff have any questions concerning our responses.

Sincerely,

A handwritten signature in blue ink, appearing to read "Chris Bostic", written over a horizontal line.

Chris Bostic, PE
Kimley-Horn and Associates

PLANNING & ZONING – Planning Staff & WithersRavenel

1. No further comments – address all other revisions outstanding comments, then go about attaining Town, Wake County, and City of Raleigh signatures on Cover sheet.

Response: Noted.

COR Public Utilities: Tim Beasley

1. The private sewer easement still needs to be recorded and Raleigh development fees needs to be paid to Raleigh. Other than these items, Raleigh is ready for signatures

Response: Noted.

Wake County Watershed Management: Janet Boyer

1. V4 – No comments received (Same as V3 and V2) – Applicant is responsible for contacting Wake County and determining what SEC/SWF permits required. As this is a construct-from plan, Wake County will be signing this SDP and therefore, their requirements must be met before they will sign.

Response: Noted.

NCDOT: JACOB NICHOLSON

1. (07/16/2024) – The driveway permit has not been approved yet; it is expected to be completed/issued by approximately July 19, 2024.
 1. Once Driveway Permit is Approved Applicant/developer shall post a bond before Permit is Issued.
 2. DOT has no issue with SDP-23-07 attaining signature approval (and allowing project to move to on site construction) before the Final Approval is issued.
 3. Applicant/developer should attain a Temporary Construction Entrance from DOT District office if seeking to utilize a temporary entrance from S. Main Street prior to full Driveway Permit issuance.

Response: The posting of the driveway permit bond is currently in progress.

ENGINEERING: JACQUELINE THOMPSON/BEN NOGA

Sheet C0.0

1. Please provide an updated stormwater report for review since comments were provided on the 4th Submittal.

Response: Updated stormwater report provided. Structure numbers have been updated per comment received via email correspondence from Jacqueline Thompson on 07/26/2024.

Sheet C2.0

2. Please confirm directly with engineering that there is no conflict with the Main Street project for installation of the pedestrian ramp

Response: Ramp has been reviewed by LAPP project team and NCDOT. No changes have been requested.

Sheet C3.0

3. Update the label of the outfall invert of FES-02 from INV IN to INV OUT.
 - a. This comment also applies to sheet C6.0.

Response: Label updated as requested, please see Sheet C3.0.

4. Label all inverts for CO-1.

Response: All inverts shown for CO-1, see Sheet C3.0.

5. REPEAT: Verify drainage will function properly between the trench drain and 12" PVC leading to the underground detention at the Old Rogers Road driveway given then inlet and outlet angle at CO-1 is designed to less than 90 degrees.

Response: CO-1 shifted and CO-1.1 added to increase all pipe inlet and outlet angles to minimum 90 degrees, see Sheet C3.0.

6. Storm pipes draining from CO-3 and CB-07 to CB-04 are at the same invert. Adjust the storm design as needed to avoid conflicts between pipes, especially with the angle of the pipes shown.

Response: CB-04 has been revised to be a 4x x 4' structure and a detail has been provided to clarify the position of the pipes within the structure, please see Sheet C9.0.

7. Label all inverts for CO-2.

Response: All inverts shown for CO-2, see Sheet C3.0.

8. Please include a detail for O-Ring Gasketed pipe.

Response: A spec for O-Ring gasketed pipe has been provided with this submittal.

9. Repeat: The highlighted areas appears to be draining off site. It is understood that plans are in review with NCDOT but based on contours, stormwater from new impervious parking lot appears to be draining to adjacent site. Adjust grading or stormwater system in this area to capture stormwater.

- a. This comment will remain until NCDOT has approved the plans

Response: Plans have been approved by NCDOT pending posting of bonds.

10. REPEAT: Storm structures connecting into NCDOT drainage system will need to be reviewed by NCDOT and Hydraulic Division for flow rate being added into their existing system. NCDOT to provide requirements for encroachment and permitting on storm connection.

a. This comment will remain until NCDOT has approved the plans.

Response: Plans have been approved by NCDOT pending posting of bonds.

11. Please include a detail for the trench drain.

Response: Trench drain detail provided, see Sheet C9.0.

12. All pipes should have a minimum of 2' cover. Please review and adjust accordingly.

Response: Per email correspondence with Jacqueline Thompson, the slope of the pipe exiting structure CB-07 has been reduced to maximize cover at this structure. Cover at structures CB-09 and CB-10 is constrained by the downstream outfall invert and the adjacent Sonic cross access, so the cover at these structures is already maximized as shown. The material for the 12" pipe between CO-2 and CO-3 has also been changed to DIP, as this pipe is unable to be lowered to provide additional cover due to the downstream invert to the pond and adjacent Sonic cross access. CO-2 and CO-3 have also been revised to be Nyloplast plastic drains, please see detail on Sheet C9.1.

Detail Sheets

13. Updated detail numbers (currently all are "XX").

Response: Detail numbers updated, see Detail sheets.

Sheet C6.0

14. The retaining wall appears to end sooner than the top of wall and bottom of wall elevation labels. Please review and adjust accordingly.

Response: Spot elevations adjusted to align with ends of retaining wall, please see Sheet C6.0.

Site Lighting

15. The site layout is different than the plans; the lighting plan shows a light in the SCM. Please submit a revised lighting plan that matched the site plan.

Response: Lighting plan updated per current site layout, see Sheet LT1.0.

Stormwater Impact Analysis

16. Provide HGLs for storm network for review of surcharge in relation to underground detention.

Response: HGLs for storm network provided, see stormwater report.