

MEMORANDUM

Date: October 2nd, 2024
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Rolesville Crossing Amenity Center
SDP-24-06, 2nd Submittal
Town of Rolesville, NC

This memo summarizes the review of Construction Drawings submitted by McAdams, dated 09/03/2024, received 09/05/2024.

Sheet C1.01

1. Please confirm that the grades you are showing in this plan are the existing grades with the retaining wall in place. Please add top and bottom of wall elevations to existing conditions plan since you state that the "top of wall elevations will be modified under this cover". If the wall is existing and the elevations will adjust with this project, the contractor will need to know what height differential is required.
2. Label the light shown adjacent to the parking lot.

Sheet C3.00

3. There should be one set of existing topo and it should match the existing conditions sheet. Please freeze any other "existing" topo on this sheet.
4. Fix overlapping text so all text is legible.
5. Based on the proposed AD rim elevations versus the existing grades within the footprint of the amenity center, a significant amount of fill will be required on the high end of the retaining wall. In addition, one of your comment responses says, "top of wall elevations will be modified under the cover". Please show proposed grading and/or proposed retaining wall top and bottom elevations. These were shown in the first submittal.
6. All existing topo labels should be grayed back so they are not confused as proposed (all applicable sheets).
7. The 387-grade line was adjusted but it is shown as existing. It should be shown as a proposed grading change.

Sheet C4.00

8. The sewer line is deeper than what appears to be necessary. Is this because of a conflict with the storm pipe? If not, consider revising the design to lay the pipe higher if possible (while achieving minimum cover). This would limit the disturbance of existing pavement.
9. The installation of these utilities will require pavement, curb, etc. to be removed and replaced. Please clarify when this installation will be occurring (with the subdivision? after the completion of the subdivision infrastructure?). If the installation will require removals, add a demo plan and show the replacement on the site plan.