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MEMORANDUM

Date: December 4th, 2024
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Pine Glo
SDP-24-05; 3rd Submittal
Town of Rolesville, NC

This memo summarizes the review of Site Construction Plans for Pine Glo submitted by FLM Engineering, dated 06/03/2024 (received 11/04/2024). Due to this site being private, we are reviewing this Site Plan submittal (SDP-24-05) as a Construction Drawings submittal.

Sheet C-6:

1. Please confirm if the proposed crosswalks will be ADA accessible and if pedestrian ramps will be provided at the concrete sidewalk and the mulch trail.
 - a. If pedestrian ramps are to be provided, please show spot elevations.
 - b. Please confirm whether a curb cut will be provided for the mulch trail locations if a pedestrian ramp is not going to be provided.
2. REPEAT: NCDOT will require a structure to connect the storm system on the south side of the site, instead of outlet-ing with an FES.

Miscellaneous:

Previously we requested for confirmation there is adequate tree protection.

Per LDO 6.2.4.5.B.8, for a 24" DBH tree, the tree protection fencing should be placed 24-feet from the tree trunk. In total, tree fencing should be ~48-feet in diameter. Please revise the site plan, grading limits, and/or tree protection plan.

While we recognize the tightness of the site, by protecting only the trunk of the tree, the tree could result in damage if the roots are impacted during construction or if the equipment damages the branches when working underneath the trees. Please coordinate with the contractor at the time of construction to take care when working in this area, specifically when grading.

- No action is needed for the SDP Approval.