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## MEMORANDUM

Date: June 27, 2025  
To: Michael Elabarger  
From: Jacqueline Thompson, PE  
Subject: The Preserve at Moody Farm  
CID 24-09 4<sup>th</sup> Submittal  
Town of Rolesville, NC

This memo summarizes the review of the construction infrastructure drawings submitted by American Engineering Associates, dated 06/02/25 (received 06/04/25).

### Sheet C5.0:

1. The grading plans should include building pads; the previous submittal included all building pads. Please add back in the building pads for each lot and adjust grading as needed to account for positive drainage between lots and low points.
  - a. As a reminder, all grades should be 3:1 or flatter.
  - b. This comment applies to all grading sheets.
  - c. Please provide an updated stormwater report that reflects the correct grading.

### Sheet C5.2:

2. The grade on the southeast curblin appears to be 0.45%; this provides a likely chance that water will sit/pool in the curblin or corner. Please review for possibly increasing the curblin grade to ensure positive drainage.

### Sheet C5.3:

3. There appears to be a low spot in the grading behind Lot 37 with no way for drainage to occur. Please review and adjust accordingly.