



MEMORANDUM

Date: September 23, 2025
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Reserve at Mitchell Mill
CID-24-04; 5th Submittal
Town of Rolesville, NC

This memo summarizes the review of Construction Plans for Reserve at Mitchell Mill submitted by Strongrock Engineering, dated 09/02/2025 (received 09/05/2025).

Sheet C-9.3:

1. **REPEAT:** Ensure the slope at the intersection of Lukin Lane and Lightning Bolt Lane allows for an ADA compliant crosswalk.
 - a. The maximum length of a ramp (greater than 5%) is 30 feet before needing a landing. Additionally, if the crosswalk is to be greater than 5%, the pedestrian ramps will need to be landings and not have ramps themselves.

Sheet C-11.5:

2. Due to the steep roads and therefore steep adjacent sidewalks, the Town implemented a new policy earlier this year. When sidewalk grades are between 5-8%, additional signage will be required. W7-3P signs shall be installed every 300 feet.
 - a. This comment applies to all street grades between 5-8%.

Sheet C-11.45:

3. **REPEAT:** Per the Town's Standards Manual a 10' concrete pad will be required on each side of all boardwalks.
 - a. This comment also applies to Sheet C-11.46 through C-11.49.

Sheet C-13.1:

4. **REPEAT:** Please include speed limit signs within the neighborhood.

Sheet D-1.2:

5. **REPEAT:** The City of Raleigh trail section details contradict the Town's standards and the detail shown on the D-2.0. Please review and remove City of Raleigh Details that do not apply to this project or contradict the town's standards.

NOTE: Please re-submit the bridge plans when available.