



July 21, 2025

Adams Homes  
149 US Hwy 70 West

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Engineering - Field Observation, Subgrade Testing  
Lot 90 Kipling Creek Subdivision  
56 Cooper Branch Ct, Fuquay Varina, NC  
Project No. 25PG-0721G-BAM, Harnett County Permit No. SFD 2504-0029

The site was visited on **July 21, 2025** to test the **subgrade fill** at the above-referenced home site.

**Subgrade Testing and Observations:**

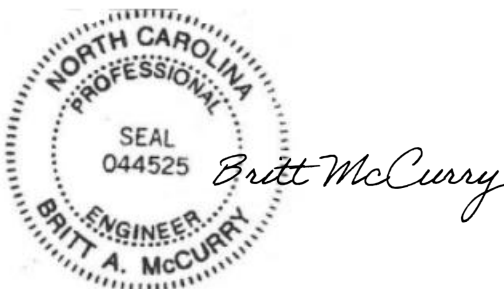
Testing was performed through **cut and drilled sections** located **below the existing concrete slab**. Subgrade conditions were evaluated using a **Dynamic Cone Penetrometer (DCP)** in accordance with **ASTM Special Publication 399**, and/or probed with a steel rod at the following locations:

- **Front two-bedroom closets**
- **Rear right bedroom closet**

The **fill material**, consisting of **reddish tan sandy clay**, was tested to a depth of **1 foot below the bottom of the slab elevation**.

**Conclusion:**

Based on the field **observations, probing, and DCP testing**, the subgrade within the upper 1 foot has been found to be **adequately compacted to support the proposed structural loads of 2,000 psf**.



Britt McCurry

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