

FIELD REPORT

August 5, 2025

Weaver Development Company
DBA: Weaver Homes
309 Wagoner Drive
Fayetteville, NC 28303
Ashley Cumming 919-353-1257
e-mailed to: ashley@weaver-homes.com
C/O
DM Design Group (dmiller@newhorizonenter.com)

RE: Engineering- Stem Wall Fill
Lot 3A Elbridge Farm Subdivision
61 Griffin Road
Lillington, NC (Harnett County -SFD25—35)
Project No.:25DM-0804A

To Whom It May Concern:

A representative undersigned arrived on-site on 8-3-25 to observe, measure and analyze the double wythe masonry stem wall with heights ranging from approximately 3.5 ft to 5ft 4in from the top of the footing to the top of the wall with #4 reinforcing steel at 4ft c/c for the main residential structure at the rear. This section was a 4" CMU block solid grout and a 4" brick with fully grouted wall ties at the main structure. The rear patio was observed to be the same without reinforcing steel and a maximum wall height of 5ft 8in from the top of footing to the top of the wall. Based on a sandy backfill the unbalanced fill height should be 5ft or less based on the analysis and the NCMA TEK (TEK 16-2B and 16-3B and the ACME Brick Technical Services Digest 088 June 1990 (REV AUG 2006)).

Sincerely,


John W. Allred, PE

