



Wise Engineering
3915 Old Fairground Rd.
Angier, NC 27501
(919)894-2203

January 4, 2025

Olegario Barajas

Subject: 87 E Dooley St, Coats, NC 27521

Mr. Barajas,

At your request, a representative from Wise Engineering (WE) reviewed the existing home located at 87 E Dooley St, Coats, NC 27521. Specifically, we inspected the foundation modifications that were recommended by our previous letter dated July 26, 2024.

Based on our observations and analysis of the foundation, the perimeter masonry foundation wall of the additions was constructed out of 8"x16"x8" concrete masonry unit (CMU) blocks on a concrete footing that was not structurally adequate. We recommended the footing be enhanced by pouring a 20"x20"x8" concrete footing directly under the existing concrete footing every five linear feet (on center) to support the loads from above. Based on our follow-up inspection, these footings have been added to provide the required support.

In summary, the foundation has been enhanced by the addition of footings and the foundation for the addition is structurally adequate. If you need additional information or have other questions, please let us know.

Sincerely,

Randy K. Wise, PE

