

February 27, 2023



Mr. Jon Kent
Herring Homes
933 Old Knight Road
Knightdale, North Carolina 27545

**Subject: Projection Repair Recommendations
 Lot No. 3 – (28 Drathaar Court)
 Griffon Pointe Subdivision
 Lillington, North Carolina
 Permit Number: 2209-0026
 SUMMIT Project Number: 0040.F0001 (37472-01)**

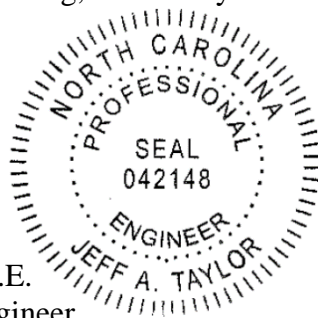
Dear Mr. Kent:

SUMMIT Engineering, Laboratory and Testing, Inc. (SUMMIT) was notified that projections were short around the middle of the left exterior foundation wall. We provide the following recommendations:

The new footing shall be a minimum of 10” deep, poured to match the existing footing depth. The new footing shall be secured to the existing footing with #4 rebar dowels spaced at a maximum of 12 inches on center with a minimum of 2 dowels per footing projection segment. The dowels shall be drilled and epoxied, mid-depth, with Simpson SET epoxy or equivalent. The dowel holes should be drilled perpendicular into the existing concrete and shall not be angled. The dowel hole for #4 rebar should be drilled with a 5/8” concrete bit. The rebar dowels shall have a minimum 3” cover and minimum embedment of 5” into both the new and existing footing. The epoxy shall be placed in a hole that is drilled and thoroughly cleaned per the manufacturer’s specifications.

We appreciate the opportunity to assist you during this phase of the project. If you need further assistance or additional information, please do not hesitate to contact us.

Sincerely,
SUMMIT Engineering, Laboratory and Testing, Inc.



Jeff A. Taylor, P.E.
Geotechnical Engineer

A handwritten signature in black ink, appearing to read "Adam D. Perry".

Adam D. Perry, E.I.
Staff Professional