

September 7, 2023



Mr. Mike Francis
Dan Ryan Builders – North Carolina, LLC
3131 RDU Center Drive, Suite 120
Morrisville, North Carolina 27560

**Subject: Summary of Projection Repair Observations
Lot No. 45 – (114 Shelby Meadow Lane)
Honeycutt Hills Subdivision
Angier, North Carolina
Permit Number: 2307-0031
SUMMIT Project Number: 3241-14R (38887-01)
Order No.: N/A**

Dear Mr. Francis:

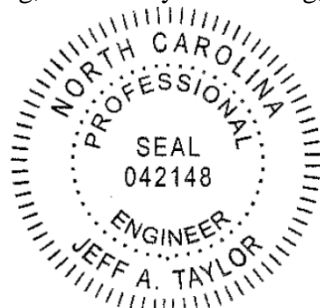
On September 6, 2023, SUMMIT Engineering, Laboratory and Testing, Inc. (SUMMIT) visited the subject site for the purpose of performing projection repair observations at the site referenced above. The following is a summary of our onsite observations and evaluations.

During our site visit, SUMMIT observed that the projection repairs were made in accordance with our recommendation listed below:

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.

SUMMIT appreciates the opportunity to provide our professional services to you on this project. If you have any questions concerning the information in this report or if we can be of further service, please 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
Staff Professional