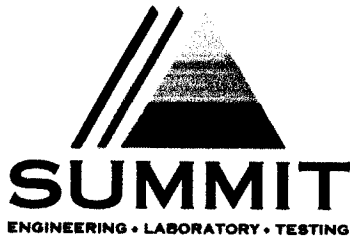

ADDRESS * : 19 ATKINS VILLAGE CT	SUBDIV: ATKINS VILLAGE PH1 20LTS
CONTRACTOR : ROYAL OAKS BUILDING GROUP LLC	PHONE : (919) 233-3886
OWNER . . : ATKINS VILLAGE LLC	PHONE :
PARCEL . . : 04-0672- - -0118- - -	
APPL NUMBER: 16-50038587 CP NEW RESIDENTIAL (SFD)	

DIRECTIONS : T/S: 04/28/2016 11:07 AM JBROCK -----
 ATKINS VILLAGE #1
 premise # 96563368

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	6/13/16 6/13/16	BS AP	R*BLDG FOOTING / TEMP SVC POLE VRU #: 002829257 Projection and tpole insp. engineer letter in box with plans premise #96563368 thanks rick 919-625-8325 T/S: June 13, 2016 09:49 AM BSUTTON -----
B103 01	6/13/16 <u>6-13-16</u>	TI <u>APB</u>	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 002829810 T/S: June 13, 2016 09:50 AM BSUTTON -----

----- COMMENTS AND NOTES -----



June 7, 2016

Mr. Rick Sargent
Royal Oaks Building Group, LLC
1210 Trinity Road, Suite 102
Raleigh, North Carolina 27607

**Subject: Summary of Foundation Bearing Material Evaluation
Lot No. 1 – (19 Atkins Village Court)
Atkins Village Subdivision
Fuquay-Varina, North Carolina
Permit Number: N/A
SUMMIT Project Number: 1852-10R
PO Number: 046000001014**

Dear Mr. Sargent:

On June 1, 2016, SUMMIT Engineering, Laboratory and Testing, Inc. (SUMMIT) visited the subject site for the purpose of observing the near surface foundation bearing materials for the proposed residential foundation. The following is a summary of our onsite observations and bearing material evaluation.

As requested, SUMMIT's representative observed the over-excavations for the foundation areas for the lot referenced above. We observed the contractor over-excavate the footings to approximate depths ranging from 4 to 5 feet below the footing bearing elevation and 24 to 30 inches in width.

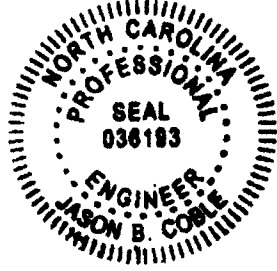
The materials exposed at the bottom of excavations generally consisted of tan, brown and orange, silty-sand (residual soils). As recommended, we observed the contractor line the over-excavated footings with a woven geotextile (Mirafi 500x) and backfill with a clean #57 washed stone to the footing bearing elevation. If additional testing for the purpose of estimating volumetric change (shrink/swell) potential or to estimate consolidation is desired, SUMMIT can provide these services.

Based on the results of hand probing and observation of the recommended repairs that were completed, the soils encountered are suitable for support of the proposed residential structure utilizing a net allowable soil bearing pressure of **2,000 pounds-per-square-foot**. Additionally, it was observed that the exterior wall foundations are a minimum of 24 inches wide and 12 inches thick which is in compliance with Chapter 4 of the 2012 North Carolina Residential code

ENGINEERING • LABORATORY • TESTING
120 Penmarc Drive , Suite 108 | Raleigh, NC 27603 | (919) 380 - 9991 | (919) 380 - 9993 (Fax)
WWW.SUMMIT-COMPANIES.COM

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.



Jason B. Coble, P.E.
Raleigh Branch Manager

J. Elvey Thomas, P.E.
Geotechnical Engineer