

**J.S. THOMPSON**  
**ENGINEERING, INC**

structural and geotechnical  
custom residential design

46 Winfield Ct.

September 6, 2018

John Rice  
H & H Homes  
2919 Breezewood Avenue  
Fayetteville, NC 27303

Dear Mr. Rice:

The "Roosevelt" plan and provided information were reviewed for lot #163 Oakmont subdivision in Lillington, North Carolina to address the tall foundation at the front porch.

Per the builder, the front porch foundation wall is to be up to 10'-0" in height. The foundation is to be constructed of 12" CMU block with a 4" masonry ledge at the top. 18 gauge corrugated steel decking is to be installed front to back to bear on the ledge at each end. The slab is to consist of 3000 psi concrete with a minimum 4" thickness. A minimum 18" x 24" opening is to be installed between the house and porch within the crawl space. Two 6 x 4 x 5/16" angle irons are to be installed back to back above the opening. The angle irons are to be embedded a minimum of 4" into the masonry at each side. This configuration will provide the required support for all applied loads.

Please call me if you have any questions.

Sincerely,

J.S. Thompson Engineering, Inc.  
N.C. License No. C-1733

Zachary H. Hayes, E.I.



Matthew G. Strother, P.E.



9/7/18



