

RONALD L. KNOTT, P.E.

801 CRICKET KNOLL ROAD  
FUGUAY-VARINA, NC 27526  
(919) 417-1962

Dec 13, 2020

Steven Elliot  
3604 Ranlo Drive  
Raleigh, NC 27612

RE: Basement Upgrade 1040 Keith Hills Rd Lillington, NC 27546

Steven:

This letter addresses basement improvements for 1040 Keith Hills Rd, Lillington, NC. The basement area was modified by adding framing for new walls. The space was originally designed and constructed with two rooms that were separated by a masonry block wall. Floor framing for the space above the basement consisted of wood truss members supported on the end walls of the house and the central masonry block wall. Completing this area for living space did not require structural changes. Non-load bearing stud walls were added to allow for insulation and sheetrock. The structural integrity of floor framing and the perimeter foundation walls were not compromised in this change. The door widths and associated lintels were not modified.

It has been my pleasure to support you in this effort. If you have any questions, please call.

Sincerely,



Ronald L. Knott, P.E.  
(919) 417-1962



CO<sub>2</sub> and Smoke Detectors installed  
window size -

Window for bedroom  
sizes

24x54  
middle - 48x54  
egress  
24x54



This is what  
was finished  
w/out permits

plumbing  
mechanical  
electrical was  
done when  
original house  
was built.  
Only did insulation  
& sheetrock

