



120 St. Mary's Street
Raleigh, NC 27605
919.833.0495
LysaghtAssociates.com
Firm No. C-0621

August 28, 2020

Darcy Perkins
10705 Leslie Dr.
Raleigh, NC 27615
darcy@jwolver.org

RE: Perkins Residence
Minor cracks in foundation wall

Hello Darcy,

I am writing to follow up on our meeting today at your house to review minor cracks in the foundation wall on the right side of the house that are near a large brick chimney.

In my professional opinion, the cracks in the foundation were caused by minor settlement of the chimney due to its size and weight. Minor settlement of foundations is to be expected so these cracks are non-structural and settlement along this side of the house has stabilized over the last 34 years. There is also potentially some minor rotation of the chimney, which is common for chimneys of this size, and is also not a structural problem.

In summary, I recommend hiring a mason to repair the cracks in both the brick and concrete masonry. This is for aesthetics and not because of a structural concern. I am sending a copy of this report to Craig Sznajder because I have already contacted him and he will be in touch with you about making the repairs.

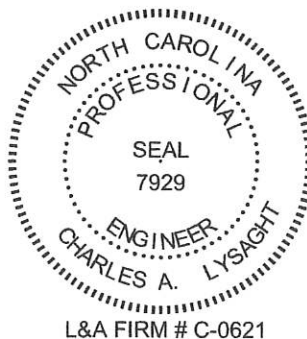
Refer to the site photos below for additional information.

Let me know if you have any questions or need additional structural engineering services. Thanks.

Sincerely,

Charles A. Lysaght, P.E.

Copy:
Craig Sznajder



Site Pictures



Crack in brick veneer under crawlspace vent on right side



Side view of chimney



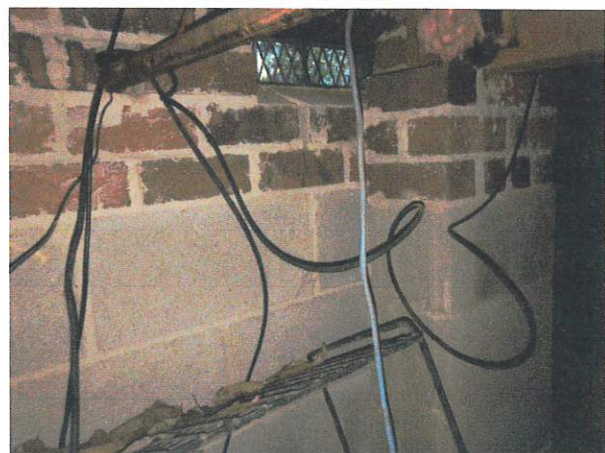
Side view of lower part of chimney



Side view of chimney from rear of house



Front view of chimney



Concrete masonry is also cracked under crawlspace vent