



ENGINEERING, INC.

Consulting Structural and Civil Engineers

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June 8, 2020

Mr. Chris Shaw
Shaw Construction
P.O. Box 281
Bates City, MO 64011

**Re: Soil Inspection – 1610 SW Blackstone Place, Lee's Summit, MO
Lot 127 Napa Valley – 3rd Plat**

Mr. Shaw,

At your request, I have inspected the soil conditions at the above referenced site. The inspection took place earlier today and concentrated on the area of the perimeter footings and the interior spread footings. A 4' long soil probe and visual inspection were used to evaluate the soil conditions.

The building pad is situated on what appears to be a previously undeveloped site and has been excavated to subgrade for the basement. Probe resistance was high at all perimeter and column footing locations except at the front and left walls. Probe resistance was moderate at the front wall and the front half of the left wall. At those locations, I would estimate that a safe bearing pressure is 1500 psf which would mean perimeter footings 24" wide with 3 #4 continuous. The balance of the foundation can be installed as shown on the drawings.

If there are any questions, please let me know.

Yours truly,

Albert Hermans, P.E.

