



ENGINEERING, INC.

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March 18, 2021

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

**Re: Footing Inspection – 2362 SW Hickory Lane, Lees Summit, MO
Lot 738 Eagle Creek**

Mr. Shaw,

At your request, I have evaluated the subgrade conditions at the above referenced site. The evaluation was requested to determine the adequacy of the column footings.

The footings under discussion are labelled "C" and "D" on sheet A-6 of the approved plans. Footing C is shown as 42" x 42" x 12" on the schedule and footing D is shown as 48" x 48" x 12". Due to the subgrade being rock, the required footing thickness was unable to be achieved. The actual thickness is 8". Due to the ability of the rock subgrade to accept greater loading than clay soil, the required footing area is much less than called out on the drawings. As a result, the bending force in the footing is less and the required thickness is less to develop the resistance to bending.

It is my opinion that the column footing thickness as installed is adequate to transfer the column load to the subgrade below.

If there are any questions, please let me know.

Yours truly,

Albert Hermans, P.E.

