

DATE: February 8, 2023

TO: Pfeifer Homes Inc.
1550 SW Market St., Suite 210
Lee's Summit, MO 64081
Attn: Rick Holbrook

JOB: Foundations and Soils
2206 NW Killarney Lane
Lee's Summit, MO 64081



Dear Rick,

This letter is in regards to my site visit on February 6 to observe the foundations and soil for the new residence at 2206 NW. Killarney Ln., in Lee Summit, MO. Upon arrival at the site all of the property stakes and soil erosion materials were installed. Additionally, all of the primary grading for the footing was completed.

Review and testing of the soil conditions shows that the soils that are on the east side of the site are down to native soils and those all appear to be on undisturbed soils and the bearing values all appear to be approximately 2000 psf. The soil along the west side of the site was a lighter tan colored and appeared to be more of a clay sandy type material. Bearing values were taken, and those all appear to be 1500 psf or better, but there was some concern as to granular characteristics of the soil. With that in mind, it was recommended that the loose materials be removed, and the footing width be increased to a minimum of 2'-0" wide. The west footing should have had a minimum of three number fours horizontal along with the normal support bars and dowels. Refer to the included photo for the soil's conditions on the west side footings.

With the changes noted above regarding the West side footings the site is now ready for footings and foundations for this residence.

If you have any questions or concerns, please feel free to contact me.

Sincerely,

Michael H. Skeens

Michael H. Skeens, P.E

