



May 19, 2021

Summit Homes
120 SE 30th St
Lee's Summit, MO 64082

**RE: Subgrade Inspection for Lot # 87 Woodside Ridge – 314 NW Ambersham Dr
Lee's Summit, MO 64082 – Permit # PRRES20211772**

On May 18, 2021, a special inspection was performed by Residential Engineering Services, LLC (R.E.S.) at the above referenced property. The purpose of this inspection was to determine structural adequacy of the existing soil for construction of concrete foundation.

Findings:

- Entire footprint was over-excavated approximately 1' below the proposed footing elevation.
- The soils observed are a natural consistent brown/reddish silty clay and bedrock with sufficient bearing capacity for the loads applied by foundation per permit plans.

Recommendations:

- Entire footprint shall be backfilled in 8" lifts with compacted AB3, ½" crushed limestone, or engineered fill to reach proposed footing elevation.

We would like to thank you for the opportunity to consult you on your project. Please feel free to contact us if you have any questions regarding this report or need any further consultation.

Sincerely,

Bradley Huxol, PE



