



March 29, 2024

ABI  
1271 NE Delta School Rd  
Lee's Summit, MO 64064

**RE: Subgrade Inspection for Lot # 134 Manor at Stoney Creek – 1929 SW Merryman Dr  
Lee's Summit, MO – Permit # 2024 1323**

On March 28, 2024, a special inspection was performed by Everstead 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:**

- The soils observed at footing elevation were silty clay; medium-dark brown; medium plasticity and dry with areas of topsoil and fill material on the rear half of the lot.
- Probes and penetrometer readings indicated that the soils do not have sufficient bearing capacity for the loads applied by foundation per permit plans.

**Recommendations:**

- Everstead recommends that the footing elevation on the rear half of the lot be extended down past the fill material and the root and vegetation layer to bear directly on natural, competent clay material.
- Footings may need to vary in elevation based on exact location and depth of clay.

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,

A handwritten signature in blue ink, appearing to read "B. Huxol", is written over a light blue horizontal line.

Bradley Huxol, PE

