



November 19, 2019

James Engle Homes

Re: 2909 NW Audubon Lane  
Lot 1446, Winterset Valley  
Lee's Summit, MO

Apex Engineers, Inc. observed the pier holes for the proposed house located at the above referenced address. The drilled pier holes were inspected on 11/19/2019 from 12:45pm to 1:15pm.

The piers were drilled to limestone and ranged in depth from 5 feet to 9 feet all with a diameter of 24". (3) deck piers were also drilled to limestone. Reinforcing steel was installed per our pier design.

Our firm recommends approval of the drilled pier holes for the placement of concrete. This report does not constitute approval by the enforcing jurisdiction.

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#### LIMITATIONS

The above observations are based on on-site conditions at the time of our inspection, and, are in regard to pier installation and bearing verification only. These conditions may be altered over time and/or with changes in the weather, of which could require further excavation and/or re-drilling to provide adequate support at the base of the piers. Therefore, if changes occur that could affect any of the recommendations given in this report, Apex Engineers, Inc. shall be called back and allowed to re-evaluate our previous recommendations and/or conclusions. If changes in the condition of the site occur and Apex Engineers, Inc. is not allowed the opportunity to re-evaluate the site to respond to any of these changes, our firm cannot be responsible for the effect of any of the conditions that differed from those reported herein.

Pier positioning and alignment shall be verified during the footing inspection. It is critical that the piers are positioned directly beneath the footing and that the top of each pier is exposed to provide direct contact between the footing and pier upon completion.

Please call if Apex Engineers, Inc. can be of further assistance.

Best Regards,  
Apex Engineers, Inc.

Chris Walker  
Engineering Technician

