



October 22, 2021

David Gilsdorf

Re: 2025 NE Bluestone Dr
Lot 323, Park Ridge
Lee's Summit, MO
PRRES20212610

Apex Engineers, Inc. observed the one existing covered deck pier and one formed deck pier at the above-referenced address. One of the covered deck piers was placed without an approving inspection.

The following observations were noted regarding the existing deck pier during our site visit:

- Testing the subgrade with an engineer's "T" rod and a pocket penetrometer indicated that the sub-grade was undisturbed with a minimum bearing capacity above 2000 psf, at the base of the pier.
- Additional probing indicated that two 24" diameter piers were placed.
- Additional probing indicated that the piers achieved frost depth at 36".

One (1) 24" diameter pier was drilled a minimum of 36" in depth to competent soil bearing and found to comply with the on-site approved foundation print.

No evidence was found that would indicate a deficient preparation of the covered deck piers or concrete placement. Our firm recommends the approval of the two 24" x 36" covered deck piers. This report does not constitute approval by the enforcing jurisdiction.

LIMITATIONS

The scope of our services includes only those items specifically addressed herein. All other items are outside the scope of this inspection; including but not limited to, any environmental assessment (such as but not limited to mold, mildew, presence of hazardous or toxic materials in the soil, surface water, groundwater, etc.).

In addition, the scope of our services does not include any evaluation of the building or site for job-site safety and/or hazardous conditions. All construction shall be performed in compliance with IRC and OSHA standards at all times. Our firm has not been retained to examine the site or building for any of these conditions. In addition, the contractor shall retain sole responsibility for the quality of work, for adhering to plans, specifications, appropriate codes, and, for repairing defects, deficiencies or omissions, regardless of when they are found.

Best Regards,
Apex Engineers, Inc.

Nick A. Shifflett
Field Engineer

Clayton J. Hess, P.E.
Principal