



January 15, 2019

Landrock Signature Homes

Re: 4509 SW Nautilus Place  
Creskide at Raintree Lake, Lot 15  
Lee's Summit, MO 64082

Apex Engineers, Inc. observed the preparation of the garage and basement slabs for the proposed house, located at the above referenced address.

The garage slab and basement over-dig will be structural with a gravel base course. The forms and reinforcing steel for the garage and basement slabs were found to be clean, well aligned, properly supported and in compliance with the design. The basement slab-on-grade will bear on the existing grade and extends to under the (future) front stoop. A vapor barrier was present in the basement living area, with the proper base course.

**Notes:**

- Reinforcing steel not in basement over-dig was #4 bars, placed 2'-0" on center, each way.
- The inspection was performed at 11:28 am.
- At the time of the inspection the temperature was 31°, with a subsequent 72-hour forecasted low of 24°F
- Cold weather protection was on-site at the time of the inspection.

Our firm recommends approval of the garage and basement slabs for the placement of concrete. This report does not constitute approval by the enforcing jurisdiction.

**LIMITATIONS**

The recommendations and conclusions given in this report are based on the observed conditions at the time of this site visit. The scope of our services was only to observe the installation of the slab formwork and reinforcing steel. 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.

The contractor is responsible for following ACI cold weather protection methods; therefore, Apex Engineers, Inc. cannot be held responsible for the impact and/or damages caused to the structure if ACI cold weather procedures are not followed and maintained.

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

Best Regards,  
Apex Engineers, Inc.

  
Patrick Corrigan  
Engineering Technician

