



December 7, 2021

Shaw Construction

Re: 4729 NE Saratoga Ct
Lot 101, Monticello
Lee's Summit, MO
Permit#: PRRES20213082

Apex Engineers Inc. observed the house under construction at the above referenced address. Our firm has been retained to address comments from the city rough-in inspection. For the purposes of this report, the home will be referred to as facing north.

1. *Have Apex Engineers address the 36"x36" I beam support and I beam not present at NW side of garage.*
 - I. After computations, our firm as determiend that the 16" wide x 8" deep continuous strip footing is sufficent to support the service loads of the structure based on allowable soil bearing capacity of 2,000 PSF. No extension of the footing is required.
 - II. Based on the steel beam invoice recieved from Shaw Contrctiuon as well as measurments made in the field, it was determinred that the W8x15 steel beam was installed above the NW opening and encased in concete. No remedial repiar is required.

Please call if our firm can of further assistance.

LIMITATIONS

The scope of our services includes only those items specifically addressed herein. All other items are outside the scope of this inspection; including any environmental assessment (such as, but not limited to mold, mildew, or presence of any other toxic substance or environmental risks).

In addition, the scope 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 omission, regardless of when they are found. By the use of this report it is understood the above conditions are agreed to.

Best Regards,
Apex Engineers, Inc.

Nick A. Shifflett
Project Engineer

