David P. Ainsworth, P.E. 1200 NW Hearnes Ave, Blue Springs, MO 64015 Cell Phone: 816-682-2093 Email: dainsworth@chelepis.com

May 11, 2021

Mr. Mark Yancik 508 NW Manor Drive Blue Springs, MO 64014

Re: Property @ 153 NW Carson Dr Lee's Summit, MO. Inspector Framing Issues

Dear Mr. Yancik:

On May 11, 2021, I inspected the above referenced property to address a framing issue raised by the building inspector.

Inspector's comment: "Address rafters bearing on blocks throughout. Comply with section R802.5.2 or provide engineered solution for repair."

The blocks on the top plate are nailed adequately to resist the imposed loads.

From side to side the ceiling joists are parallel to and adequately tied to the rafters and to LVL framing to resist rafter kick out in that direction. From front to back ceiling joists are not parallel to rafters and therefore rafter ties must be added to resist rafter kick out. Rafter ties should be 2x4's and should be installed at every rafter from front to back. Rafter ties should be overlapped 2' and nailed at 6" on center to splice and provide continuous tie from front rafters to back rafters.

Once these repairs are completed the roof framing will be adequate to resist imposed loads.

Cordially,

David P. Ainsworth, P.E.

amount !