



September 16, 2021

Kevin Higdon Construction
Attn: Brian Higginbotham
PO Box 847
Lee's Summit, MO 64063

RE: Permit #PRRES20211961 – Inspection Summary
1523 SW Blackstone Pl, Lee's Summit, MO 64082

Mr. Higginbotham,

At your request I have reviewed the as-built condition of the East garage wall bottom plate and garage PFH identified in the recent rough-in inspection summary dated September 2, 2021. The following inspection comments identify bottom plate anchor bolts not in accordance with IRC Section R403.1.6 and Figure R602.10.6.2:

- "Address East garage wall bottom plate, wall has all expansion anchor bolts for bottom plate and not anchor bolts embedded in concrete, also along garage PFH"

To address the above referenced comment the following corrective actions should be taken:

- *East Garage Wall* - Drill and Epoxy 1/2" Diameter, Gr.36, threaded anchor rods through bottom plate into foundation using Hilti HY-200 epoxy or equivalent. Location, spacing, depth and attachment shall conform to the requirements of Section R403.1.6 of the IRC. Follow manufactures installation instructions. Existing wedge anchors should be left in place so long as they don't interfere with the above referenced installation.
- *Garage PFH* - Drill and Epoxy 5/8" Diameter, Gr.36, threaded anchor rod through bottom plate into foundation using Hilti HY-200 epoxy or equivalent. Location, spacing, depth and attachment shall conform to the requirements of Section R403.1.6 and Figure R602.10.6.2 of the IRC. Follow manufactures installation instructions.

Any additional inspection comments outlined in the inspection summary shall be addressed by the contractor. Should you have any questions please do not hesitate to contact me.

Sincerely,

Kurt Krasick, PE
MAR Building Solutions

1445 SE Broadway | Lee's Summit, MO 64081

Office: 816.272.5435 | Cell: 816.803.3737

kurt@marbuildingsolutions.com | www.marbuildingsolutions.com

