



April 20, 2022

Walker Custom Homes, LLC  
Attn: Ryan Hamilton and Jason Walker

Re: 508 NW Main Street

Vista Structural Engineering, LLC, was asked to address the following city rough-in inspection comment for the house being built at 508 NW Main Street, in Lee's Summit, MO:

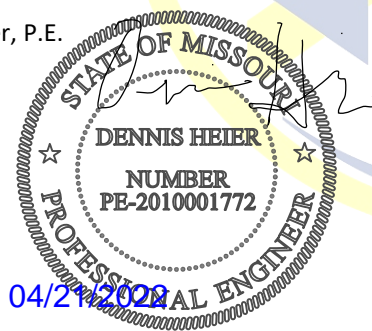
- **Address the joists adjacent to the W8x13 steel beam in the first floor system.** *A partial plan view of the area of concern is attached. Because the next adjacent full-length joist is located approximately 16" from the W8x13 steel beam, the full-length joist does not need to be upgraded, nor is the cut section of the joist required. The joists as they are installed will adequately span and support all imposed design loading. The floor sheathing will span up to 24 inches, so the partial length joist is not required. This is clarified in the picture on page 3 of this report.*

Our firm appreciates the opportunity to serve you. If you have any questions or if you need anything further, please feel free to contact us.

Sincerely,

Vista Structural Engineering, LLC

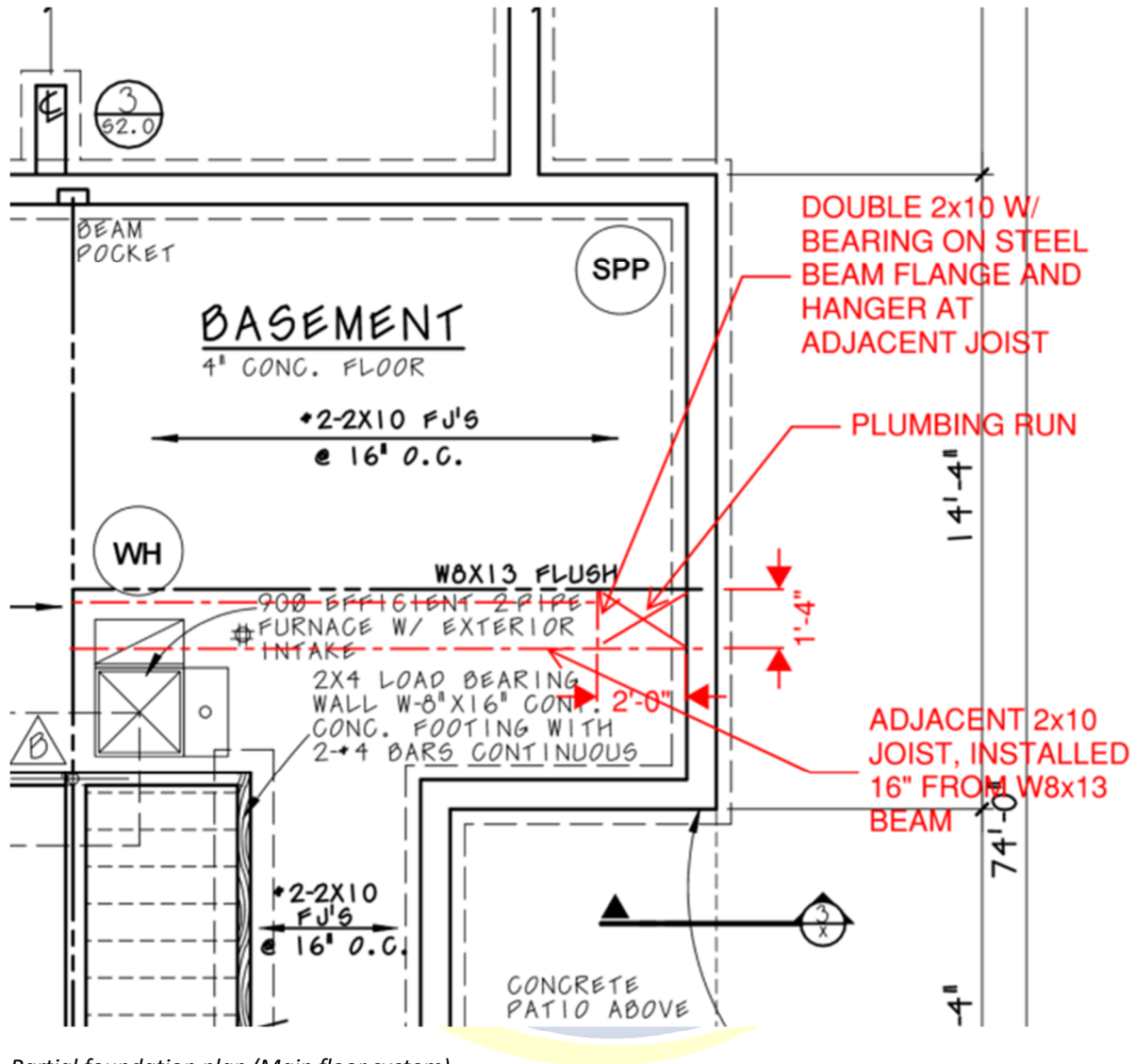
Dennis Heier, P.E.



# VISTA STRUCTURAL ENGINEERING, LLC

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Partial foundation plan (Main floor system)

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*Picture of joist area in question*

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