



November 18, 2022

Walker Custom Homes, LLC
Attn: Jason Walker

Re: 2110 SW Red Barn Lane, Lee's Summit, MO (Permit # PRRES20215295)

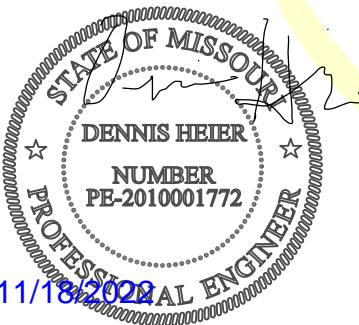
Vista Structural Engineering, LLC, was asked to address the following city inspection comment for the house being built at 2110 SW Red Barn Lane, in Lee's Summit, MO:

- **Address strap not installed where called out at the porch header, detail 10/S3.2.** Attached is a partial plan view of this location. Based on design wind pressures of 16 psf on flat surfaces and 8 psf on sloped roof surfaces, the calculated tension force on the location in question is approximately 370 pounds. The allowable shear value of a 10d toenail is 98 pounds. We recommend the installation of eight 10d toenails, as shown on the attached picture, to replace the strap.

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

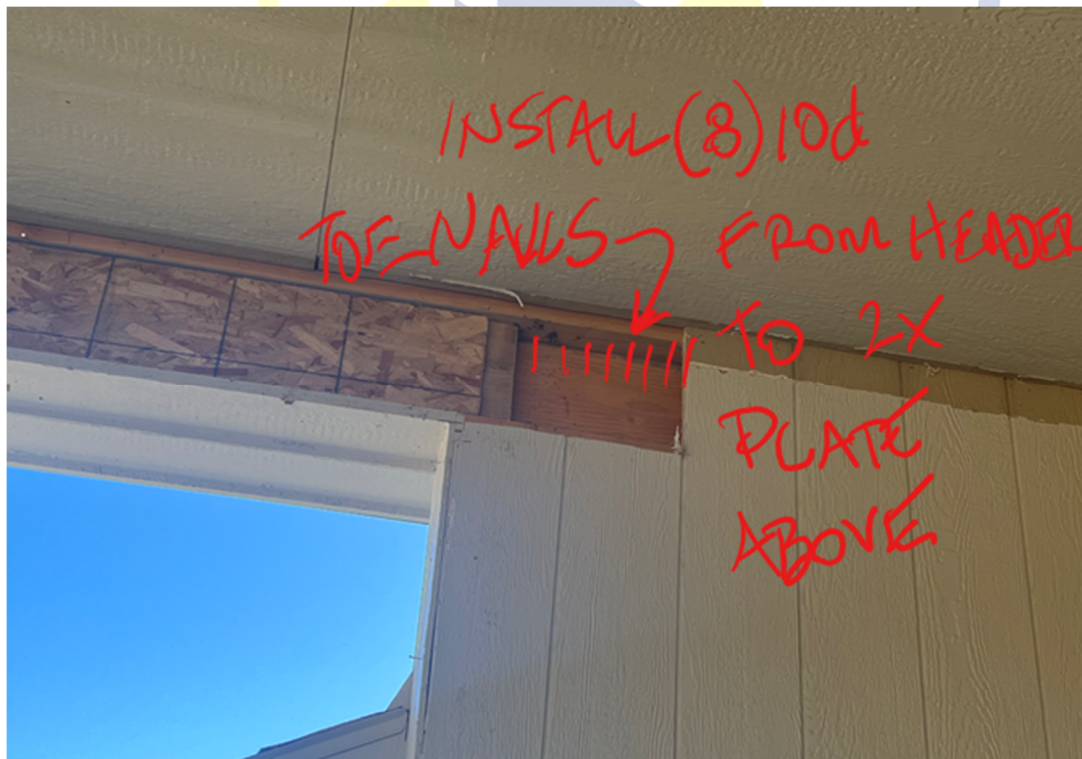
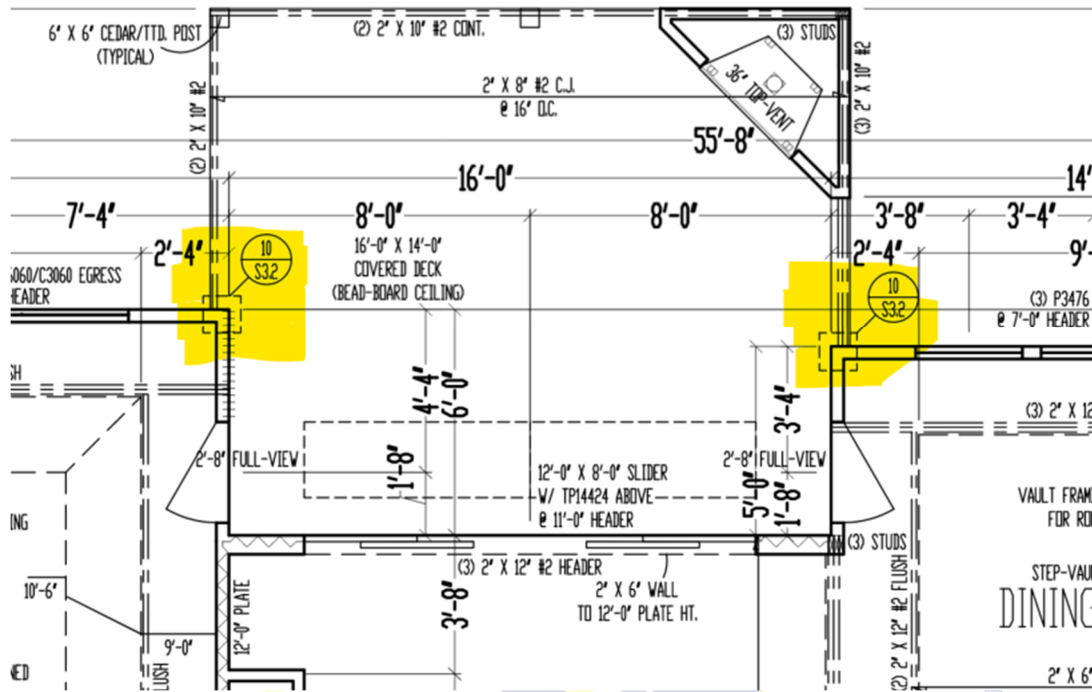
Dennis Heier, P.E.



VISTA STRUCTURAL ENGINEERING, LLC

14718 NW DELIA STREET
PORTLAND, OREGON 97229

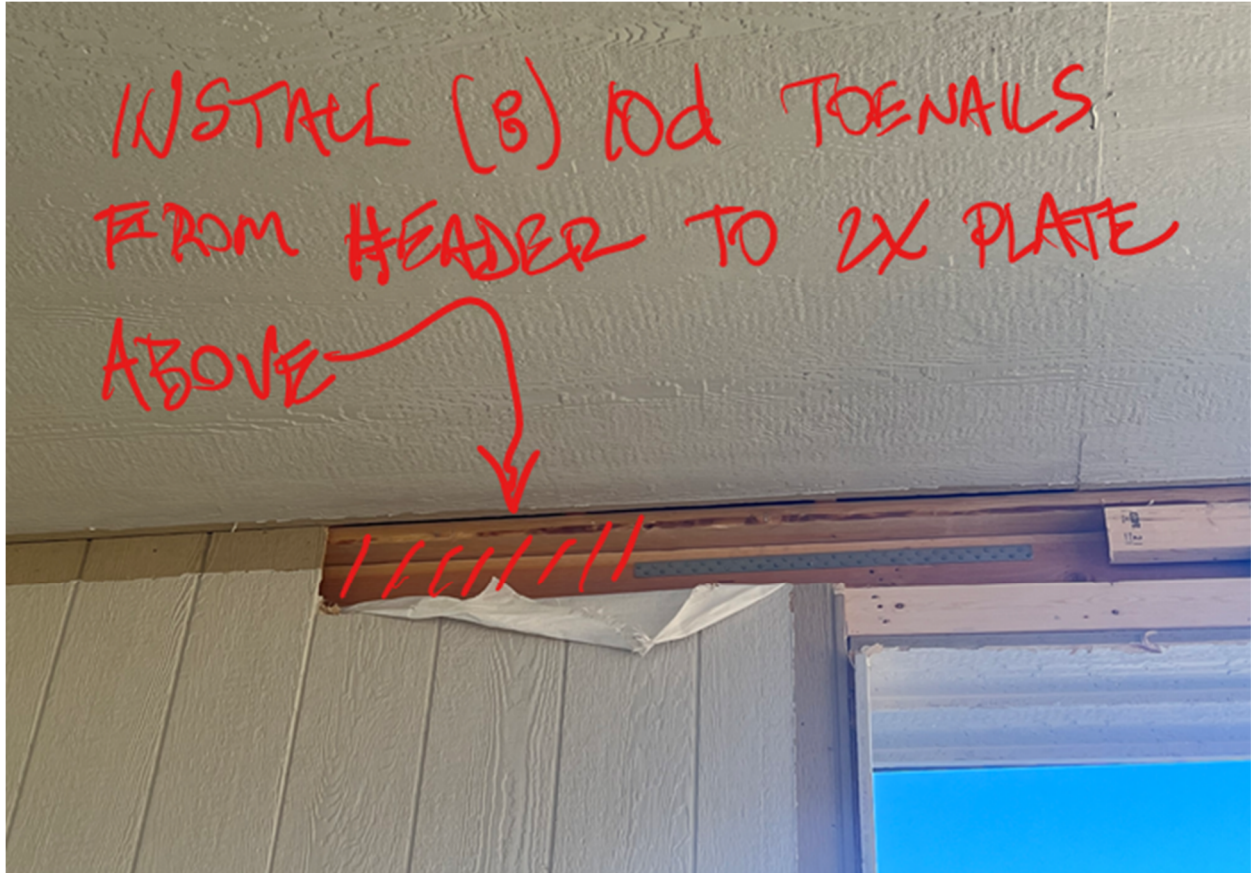
PHONE: 971.233.6099
VISTASTRUCTURAL.COM



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14718 NW DELIA STREET
PORTLAND, OREGON 97229

PHONE: 971.233.6099
VISTASTRUCTURAL.COM



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