



September 3, 2020

Walker Custom Homes, LLC  
Attn: Jason Walker

Re: 1909 River Run Drive

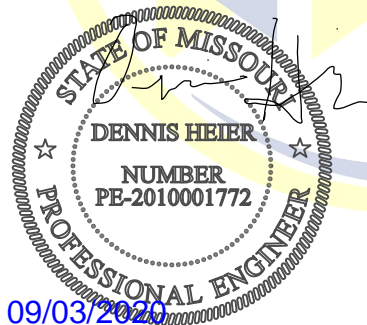
Vista Structural Engineering, LLC, was asked to address the following item called out during rough-in inspection by the city. Below is the inspection report comment and our response:

- **Address rafters and hip landing on multiple blocks throughout.** *The marked up picture on page 2 of this report shows our firm's recommended solution. To prevent the hip support blocks from rotating, we recommend fastening a 2x6 to the side of the blocks with (6) 10d nails, and to the adjacent 2x6 ceiling joist with a Simpson LUS26 joist hanger. To prevent the bearing plates supporting the rafters from rotating, the top plate (of the four) should be fastened to the adjacent ceiling joists at each end with #8 x 3 1/2" screws at an angle, as shown on the attached picture.*
- **Address split out hip in master.** *The attached picture shows the split hip above the master. Our firm has determined the design load at the triple 2x beam to be approximately 30 pounds. We recommend fastening the end of the split hip nearest the triple 2x beam to the beam with (2) 1/4"-diameter x 5"-long screws, as shown on the attached picture. These screws have a combined capacity of approximately 500#.*

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.

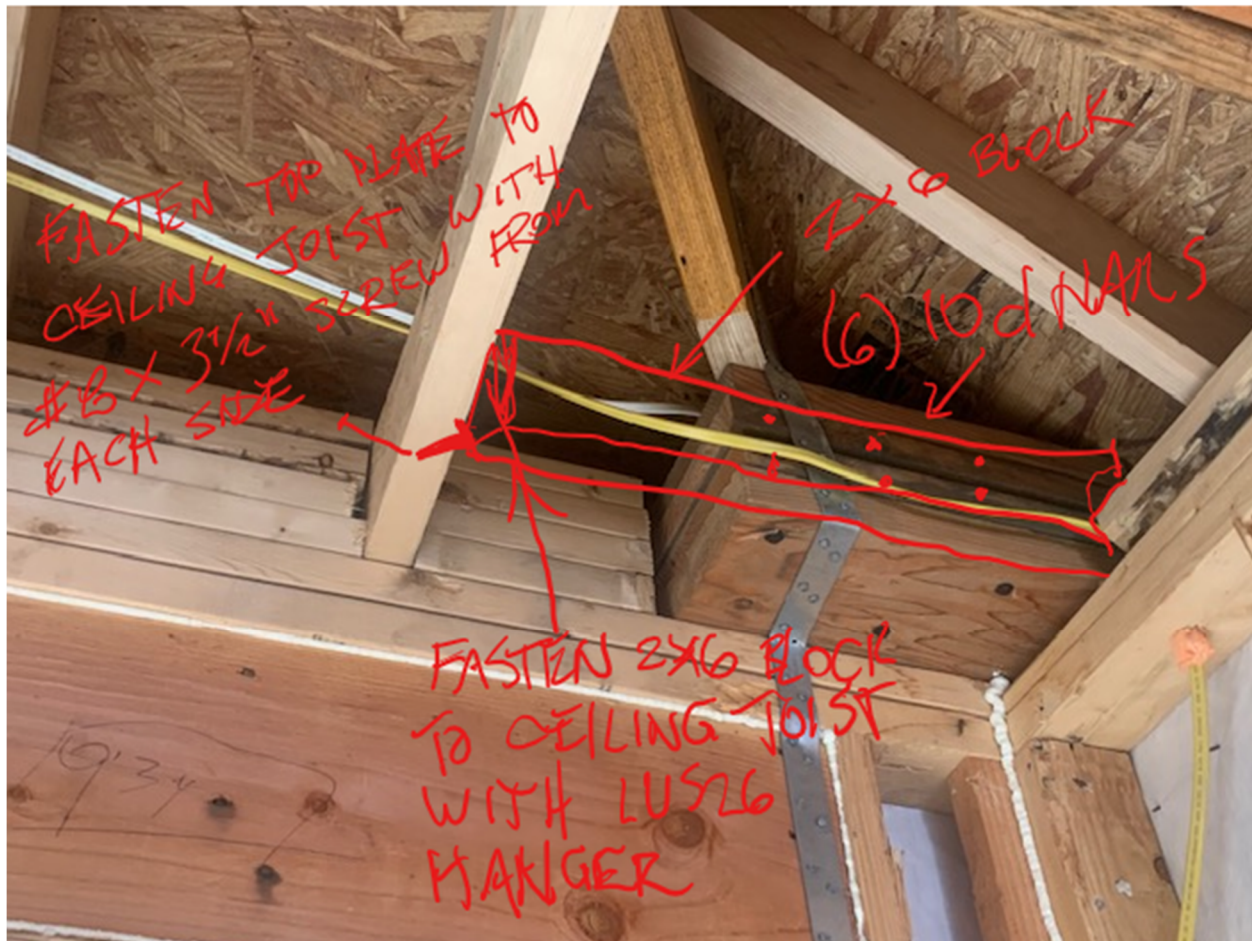


# VISTA STRUCTURAL ENGINEERING, LLC

14718 NW DELIA STREET  
PORTLAND, OREGON 97229

- 1 -

PHONE: 971.645.0901  
VISTASTRUCTURAL.COM



# VISTA STRUCTURAL ENGINEERING, LLC

14718 NW DELIA STREET  
PORTLAND, OREGON 97229

- 2 -

PHONE: 971.645.0901  
VISTASTRUCTURAL.COM



## VISTA STRUCTURAL ENGINEERING, LLC

14718 NW DELIA STREET  
PORTLAND, OREGON 97229

- 3 -

PHONE: 971.645.0901  
VISTASTRUCTURAL.COM