

# WILKINS ENGINEERING, P.C.

Post Office Box 37446

Raleigh, NC 27627

June 19, 2025

Ready Roofing, LLC  
ATTN: Mr. Sean Felter  
228 Airport Industrial Drive  
Clayton, N.C. 27520

REFERENCE: Rear Deck Construction  
390 Leanna Lane  
Erwin, North Carolina  
Permit BRES-2402-0093

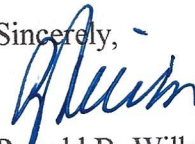
Dear Mr. Felter:

I am writing to address a component of the deck under construction at the above referenced address. My findings and recommendations are outlined below.

I was informed the band supporting the floor joists for the stair landing is a single 2"x 12" treated SYP member. This band has a 2"x 4" ledger connected to the back which supports 2"x 8" floor joists spanning approximately 4'-8". Based on information contained in Appendix W of the 2018 NC Residential Building Code I have determined a single 2"x 12" SYP member will carry approximately 630#/linear foot. Based on my analysis the dead and live load combination on this particular member is approximately 120#/linear foot, which is considerably less than the values given in Appendix W. Based on this analysis I find the single 2"x 12" member to be structurally adequate to support the loading required by the Code. No change or modification to the members is required.

I hope you find this information useful. If you have any questions, or require additional information, please do not hesitate to contact me. I can be reached by phone at (919) 601-4924 or by email at [docbarn@gmail.com](mailto:docbarn@gmail.com).

Sincerely,



Ronald B. Wilkins, PE

