

CAROL CHADWICK, P.E.

Civil Engineer

1208 S.W. Fairfax Glen

Lake City, FL 32025

307.680.1772

ccpewyo@gmail.com

www.carolchadwickpe.com

August 26, 2024

re: REED RESIDENCE – GARAGE ROOF FRAMING

I reviewed the prescriptive roof framing for the garage.

- Rafters: 2x8 SYP #2 @ 24" o.c.
- Ridge beam: 3-1/2" x 12" LVL
- Collar tie: 2x6 10' SYP #2 @ 1/3 roof height (face nailed)
- Rafter to wall attachment: h2.5t @ each rafter
- Strap at rafter connection @ ridge
- Beam support: 2 kings and 2 jack 2x4 SYP #2 studs bearing on LVL above garage door

In my professional opinion, this framing meets the specifications in the 2023 Florida Building Code - Residential, 8th Edition. Should you have any questions, please don't hesitate to contact me.

Respectfully,



Digitally signed by Carol Chadwick
 DN: c=US, o=Florida,
 dnQualifier=A01410D0000018D463
 B4E7500032FEE, cn=Carol Chadwick
 Date: 2024.08.26 12:54:26 -04'00'

Carol Chadwick, P.E.

This item has been digitally signed and sealed by Carol Chadwick, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

CC Job FL24 | 18

