CAROL CHADWICK, P.E.
Civil Engineer
1208 S.W. Fairfax Glen
Lake City, FL 32025
307.680.1772
ccpewyo@gmail.com
www.carolchadwickpe.com

February 16, 2022

Mr. Walker Windham
386.269.2873
Walkerwindham722@gmail.com

re: COMPRESSION ROOF FRAMING

In lieu of engineered trusses, the roof may be constructed using the following framing members:

- Ceiling joists: 2x10 SP#2 @ 12" o.c. (uninhabited attics without storage, LL=10 psf, DL=5 psf)
- Rafters: 2x8 SP#2 @ 12" o.c. (ceiling not attached to rafters, LL=20 psf, DL=20)
- Ridge board: 2x10 SP#2
- Collar tie: 2x4 SP#2 @ 1/3 H from top @ 48" max spacing
- Fasteners per Table R802.5.1, 2020 FBC, 7th edition Simpson H2.5A clip @ each rafter both ends OR Simpson Strong-Tie Co. Strong-Drive SDWC TRUSS Screws at each rafter, both ends. Strong-Drive SDWC TRUSS Screws to be installed per manufacturer's specifications.
- Sheathing and roofing per plan

In my professional opinion, this structure meets the structural load and uplift requirement for a residential dwelling per the Florida Building Code 2020, 7th Edition, Residential. Should you have any questions, please don't hesitate to contact me.

Respectfully,

CAROL J. CHADWICK LICENSE No. 87100 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Carol Chadwick
DN: c=US, o=Florida, dnQualifier=A01410D0000017EB6D924CE0005954C, cn=Carol Chadwick
Date: 2022.02.16 13:39:37 -05'00'

Carol Chadwick, P.E.

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CC Job #FL22048