

**COVINGTON ENGINEERING SERVICES**

272 NW Country Lake Dr  
Lake City, FL  
813.770.9470  
travis@covingtoneng.com

February 12<sup>th</sup>, 2025

Columbia County Building & Zoning Department  
135 NE Hernando Ave.  
Lake City, Florida 32055

**RE: Bechard Roof Covering  
Structural Analysis**

To whom it may concern,

I have reviewed the drawings provided by Mike Todd Construction for the roof covering replacement at the Bechard residence. I have found these drawings to be suitable for construction and in compliance with applicable building codes. All connectors to be installed per manufacturer recommendations. All materials shall be fastened per Table R602.3(1) Fastening Schedule, F.B.C.

**Structural Elements:**

Roof Rafters/Joists:

#2 SP 2x8 @ MAX. 24" O.C.

Header Beam:

#2 SP 2-2x10 w/ 1/2" OSB Flitch Plate

Post:

6x6 PT Post anchored with 24" SQ x 48" Deep Concrete Footing. Min. 2000 PSI Conc.  
MAX. 12' O.C.

Uplift Connectors:

Header to Rafters – Simpson H2.5A

Rafter to Band – Simpson HU7

Please contact me if you have any questions.

Respectfully,

Travis Covington, P.E.  
License No. 89637



Digitally signed by Travis L. Covington  
DN: CN=Travis L. Covington,  
dnQualifier=A01410C00000186740C7DE200082C08,  
O=Florida, C=US  
Date: 2025.02.12 09:41:17-05'00'

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BY TRAVIS COVINGTON, P.E. ON THE DATE ADJACENT  
TO THE SEAL.

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