

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

This letter addresses the structural components and construction of the proposed addition at an existing residence located at 14495 SW Tustanuggee Ave. The remodel will feature expansion of the existing 1st and 2nd floors, along with the addition of an attached garage. A portion of the roof will be hand framed. Engineered roof trusses and floor trusses to be designed by others. Structural details are listed below. All products and materials to be installed per manufacturer specifications and recommendations.

2x6 SYP #2 Rafters - 16" O.C. spacing
2x8 SYP #2 Ridge Beam
Simpson LSTA Strap - Typ. ea. rafter/ridge connection
Simpson H2.5a - Typ. ea. rafter/beam connection

2.0E Microllam LVL - 14" 3-PLY
Simpson HHUS - Span Beams to Header Beam connection
Simpson HUS - Floor Trusses to Span Beam connection
See attachments for LVL fastener requirements.

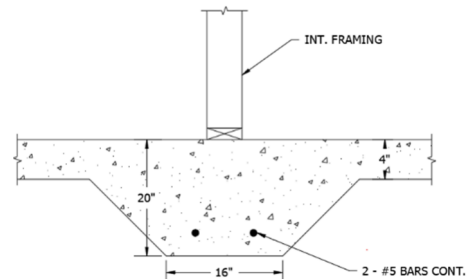
2x6 SYP #2 Studs - 16" O.C. spacing
Min. 4-stud pack 2x4/6 SYP #2 - beam bearing locations (intermediate and ends)

4" THICK, 3000 PSI CONC. SLAB W/ 6"x6" W1.4 WWM OR FIBER-REINFORCED OVER 6 MIL VAPOR BARRIER OVER CLEAN COMPACTED TERMITE TREATED SOIL

1'-8"

1'-0"

2 - #5 BARS CONT. W/ MIN 25" LAP & BEND OUTSIDE BAR 25" AT CORNER (TYP.)

REVISÉD 9.24.25
TC

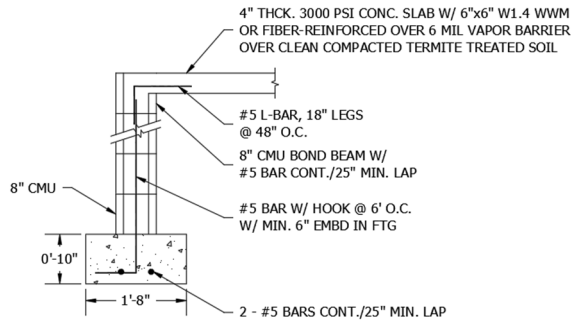
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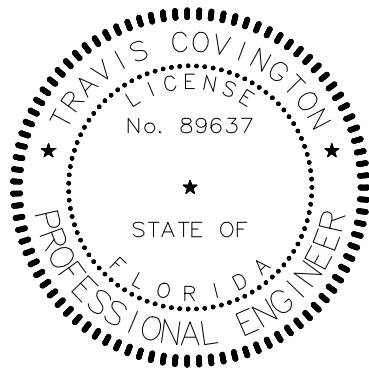


Please contact me if you have any questions.

Respectfully,

Travis Covington, P.E.

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