

COVINGTON ENGINEERING SERVICES

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

August 20th, 2024

TS 53

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

**RE: Phillips Carport
Structural Components**

To whom it may concern,

This letter addresses the structural components and construction of a 24' x 26' open carport at an existing residence located at 104 SE Ponce De Leon Dr. The carport will feature a poured concrete slab, 6x6 PT posts, and a truss roof set on a 4/12 pitch. Trusses to be designed by others. Construction details are listed below. All products and materials to be installed per manufacturer specifications and recommendations.

Span Beam:

24FT 16" 2-PLY 3100 Fb - 2.0E LVL

Allowable Load - 472 plf

Multi Beam Connection - Minimum of 3 rows of 16d (3^{1/2}") nails at 12" o.c.

Connections:

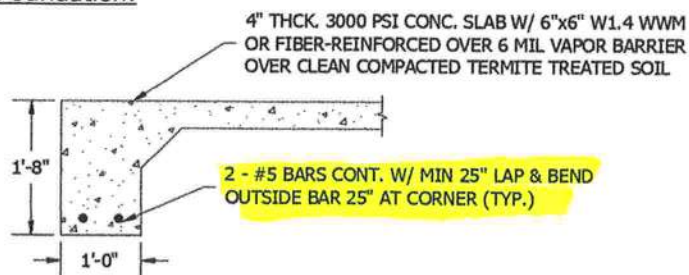
Beam to CMU Wall - Simpson HUC416

Beam to Post - Simpson LPC6Z

Truss To Beam - Simpson H2.5A

Post to Slab - Simpson MPB66Z

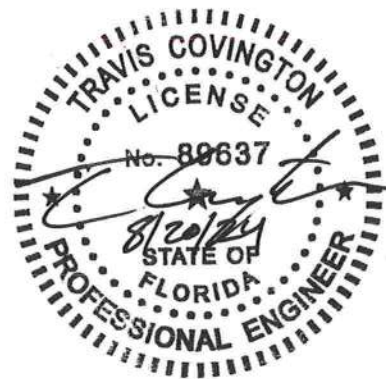
Foundation:



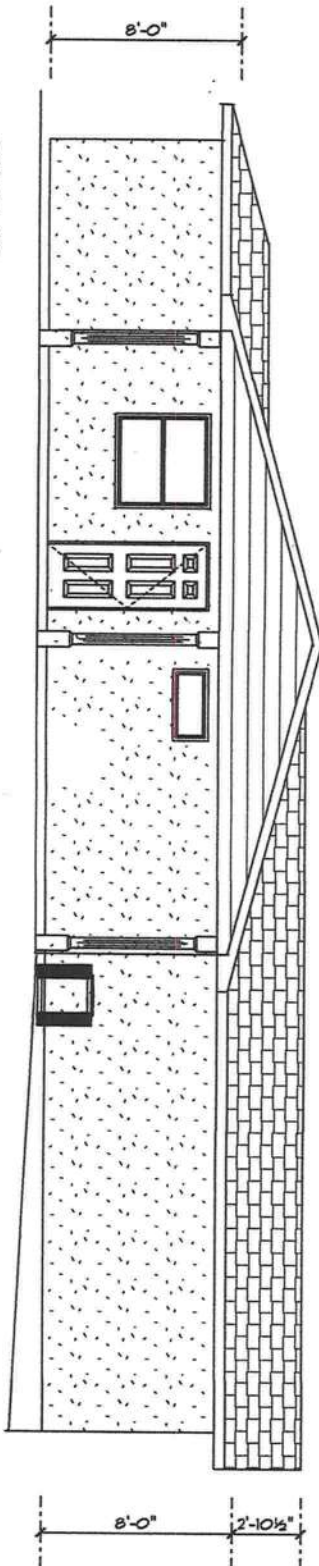
Please contact me if you have any questions.

Respectfully,

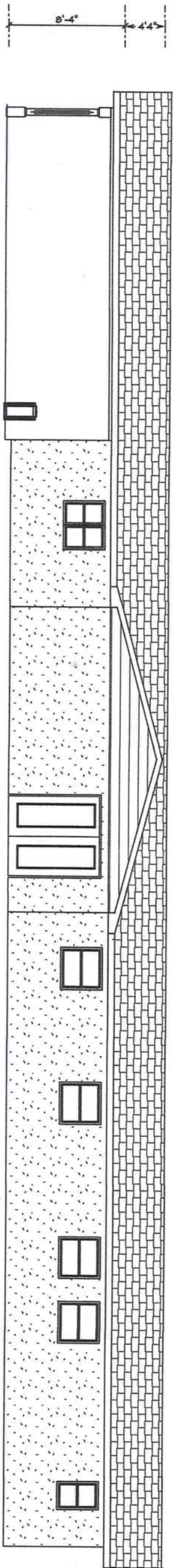
Travis Covington, P.E.
License No. 89637



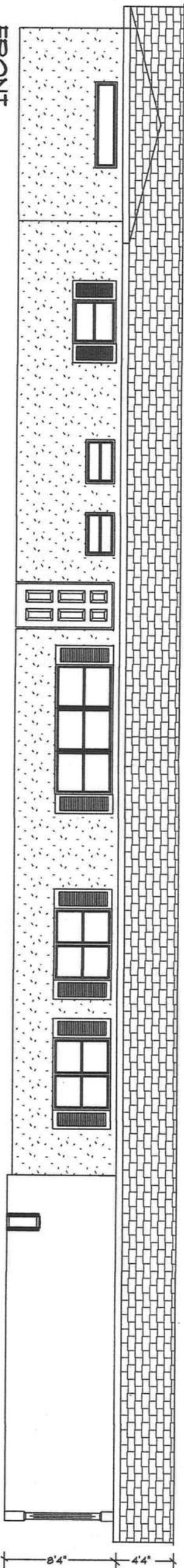
RIGHT



REAR



FRONT

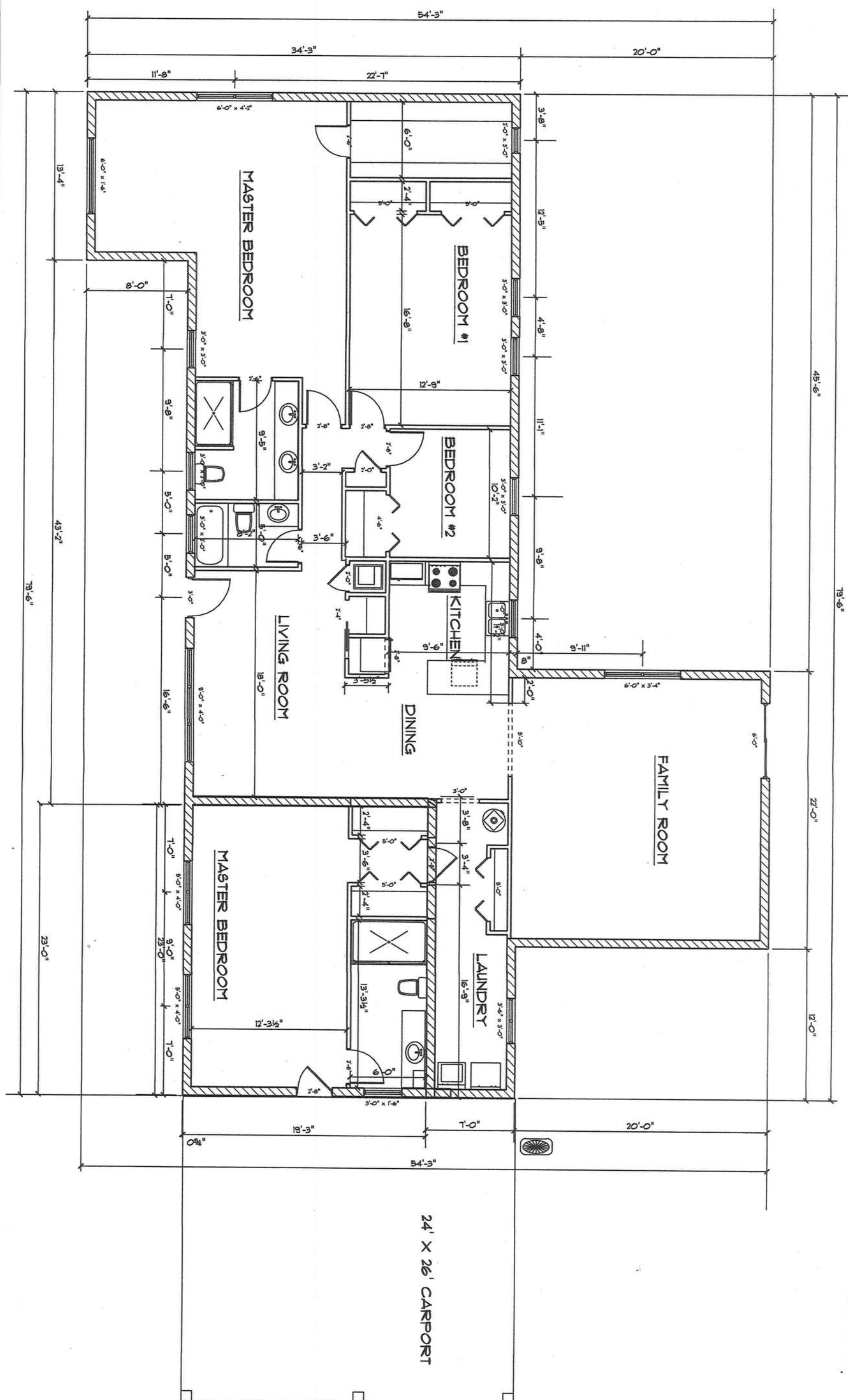


DESIGNER
MIKE TODD
171 NE COLBURN AVE
LAKE CITY, FL 32055

A CUSTOM REMODEL FOR
MRS. BARBARA PHILLIPS
COLUMBIA COUNTY FLORIDA
08-49-17-08161-000

MIKE TODD CONSTRUCTION
CSC 006203
171 NE COLBURN AVE
LAKE CITY, FL 32055

NOTES



DESIGNER
MIKE TODD
171 NE. COLBURN AVE.
LAKE CITY, FL 32055

A CUSTOM REMODEL FOR
MRS. BARBARA PHILLIPS
COLUMBIA COUNTY FLORIDA
08-48-17-08161-000

MIKE TODD CONSTRUCTION
CGC 006209
171 NE COLBURY AVE.
LAKE CITY, FL 32055

NOTES