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January 10, 2023

Mr. Troy Crews

Columbia county Building Department

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troy_crews@columbiacountyfla.com


re: STRUCTURAL PLANS REVIEW – ERWIN RESIDENCE, 151 NASDAQ GLEN, LAKE CITY, FL

I have examined the plans provided by Mr. Pruitt. In my professional opinion, the metal building plans meet Florida Building Code – Residential, 2020, 7th Edition for Residential Group R-3 risk category II with regard to wind design speed for Columbia county.

The metal bearing shall bear on a stemwall foundation. Footing for stemwall shall be 10" deep by 20" wide with 2 - #5 bars with 25 " min lap and 1 -#5 bar in bond beam. Install 1 - #5 bar at 48" o.c. from footing bent into slab. Metal building shall be anchored to foundation with 5/8" x 10" anchor bolt with 3" washer at 24" o.c. Helical anchors, as shown on the metal building plans, are not required with the stemwall foundation construction.

In my professional opinion, this structure meets the requirements 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,



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Carol Chadwick
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Carol Chadwick, P.E.

cc: Michael Pruitt, pruddaddy122@yahoo.com

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