

Mark Disosway, P.E.
163 SW Midtown Place, Suite 103 Lake City, FL 32025, Ph (386) 754-5419

8/28/2020

Columbia County Building Department

Re: Amira Builders / Burk Res. / 650 SW Rock Way, Ft. White, FL

To whom it may concern:

This letter is in reference to inspection issues on the above referenced project.

1. The sealed building engineering calls for exterior walls to have 1/2" anchor bolts @ 32" oc. The anchors bolts have been installed in some walls at 48" oc. The design spacing is based on the code requiring the max span of the base plate to be 32" when using the sheathing as the uplift connection. One of the following options can be used in areas that have bolt spacing more than 32" oc.
 - a. Install 1/2" X 8" Titen HD anchors as needed so that the max spacing between anchors is 32"
 - b. Install uplift straps for stud connections to bottom plate and top plate on inside of wall (so sheathing is note needed to act as uplift tie)

Builder to select stud connectors per truss uplift from list below or use other strap equal to truss uplift

- RSP4 top & bottom @ 48" oc for up to 185 lbs uplift per truss
- SP1 (bottom) & SP2 (top) @ 48" oc for up to 277 lbs uplift per truss

- RSP4 top & bottom @ 32" oc for up to 277 lbs uplift per truss
- H3 (bottom) & H2.5A (top) @ 32" oc for up to 311 lbs uplift per truss
- SP1 (bottom) & SP2 (top) @ 32" oc for up to 416 lbs uplift per truss

- RSP4 top & bottom @ 16" oc for up to 555 lbs uplift per truss
- H3 (bottom) & H2.5A (top) @ 16" oc for up to 622 lbs uplift per truss
- SP1 (bottom) & SP2 (top) @ 16" oc for up to 832 lbs uplift per truss

THIS PDF HAS DIGITAL SIGNATURE
AND ELECTRONIC SEAL. PRINTED
COPIES ARE NOT CONSIDERED
SIGNED OR SEALED. YOU MUST
VERIFY SIGNATURE ON THIS PDF.
[CLICK HERE TO VERIFY.](#)



Mark Disosway, PE
Florida Professional Engineer #53915