



HAYES STRUCTURAL
Consulting & Design, PLLC

NC FIRM LICENSE NO.: P-2854
1991 EDDIE HOWARD ROAD | WILLOW SPRING, NC 27592
ZACH@HAYESSTRUCTURAL.COM | (919) 210-3480

Date: February 27, 2024

To: Ronnie Adams
J. Douglas Contracting
3337 Air Park Road, Suite 3
Fuquay-Varina, NC 27526

Re: 24-FRM-018
Framing concern
Lot 8 Cotton Farms

Mr. Adams:

At your request, the provided plans were reviewed for the above referenced single family residence under construction to address the connection of the end I-joists at each side of the cantilevers above the front porch to the LVL rim at the front side of the cantilevers.

Observations:

You indicated the (4) noted I-joists had no connection to the LVL rim and face-mount hangers could not be installed due to the outer flange lacking a nailing service.

Analysis and Recommendations:

Each of the (4) noted I-joists are to be fastened to the LVL rim with (2) Simpson Strong-Tie LS70 skewable angles stacked horizontally. The web of each I-joist is to be packed-out per the manufacturer's specifications prior to installing the angles. This prescribed framing configuration will provide the required support for all imposed loads.

Please call me if you have any questions.

Respectfully submitted,

Zachary H. Hayes, PE
Owner/Structural Engineer
Hayes Structural Consulting & Design, PLLC



Digitally signed
by Zachary H.
Hayes, PE
Date: 2024.02.27
13:12:01 -05'00'