



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: December 13, 2024

To: Tyler Appel
Drees Homes
8521 Six Forks Road, Suite 500
Raleigh, NC 27615

Re: 24-FRM-155
Framing Inspection
Lot 41 Tobacco Road
154 Golden Leaf Farms Road
Angier, NC 27501
Permit No.: SFD2410-0040

Mr. Appel:

At your request, a site visit was made to the above referenced single family residence under construction to inspect the cut I-joint within the crawl space.

Observations:

A +/- 12" section of the third I-joint from the left foundation wall was cut out at the front side of the front girder to accommodate the drain pipe for the toilet above. The rear cut end of the I-joint cantilevers over the girder. The front cut end is supported by an I-joint header installed between the two adjacent I-joints. All I-joint to I-joint connections were made with face-mount hangers.

Analysis and Recommendations:

Analysis revealed the "as-built" I-joint header is suitable to support the loads imposed by the cut I-joint and the "as-built" I-joints adjacent to the header are suitable to support the loads imposed by the header. No additional modifications are required.

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
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