

Date: 06/09/2023

To: **Jonathan Norris**
Drees Homes
7701 Six Forks Road
Raleigh, NC 27615
jdnorris@dreeshomes.com
919-291-5867

Re: **Truss Issues**
Location: Lot 64 Serenity (31 Contentment Lane Fuquay-Varina, NC)
JDS Project No.: RDU2304672
Date of Inspection: 6/9/2023

A representative of JDS Consulting arrived on site to observe the issues reported to us by the client, which are presented, along with our recommendations, in this report.

Observations

The client requested an evaluation of the following items:

1. At The 2nd- 5th roof trusses from the left perimeter wall above the garage, the contractor installed (1) Simpson L70 angle on both sides of the heel attached to the existing LVL.
2. On the right side of the front porch the contractor built a knee wall, the permitted plans do not show how to attach it to the existing wall.

Recommendations

Based on our site evaluation and review the contractor shall do the following:

1. The repair mentioned above is adequate as installed.
2. Install (2) 2x8 blocking behind the front porch wall, attach it with (2) toe nails on both sides, then between the front porch wall and underneath the knee wall install (1) Simpson L70 angle per manufactures installation, then install (1) CS16 strap spaced 20" o.c. that extends the full depth of the suspended cripple wall and shall extend the full length of the right roof gable, The straps shall be cinched tightly.

Note: the contractor may install 2x blocking tightly between the top and bottom plate of the cripple wall to install the CS16 strap.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 919-280-2845.

Respectfully Submitted,
Ely Montoya

Reviewing Engineer: Uchenna Onwuemene, PE

