

Date: 02/25/2025

To: Don Warren
Davidson Homes
1903 N. Harrison Avenue
Cary, NC 27513
dwarren@davidsonhomes.com
980-226-6636

Re: Truss Repair Verification
Location: Lot 29 Tobacco Road (232 Looping Ct. Angier, NC)
JDS Project No.: RDU2501554, RDU2501841
Date of Inspection: 02/17/2025

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 a verification of repairs to A5 trusses on the premises, the observed repairs are as follows:

1. The following Repairs were installed on the bottom chords of the A5 trusses located 8th and 9th from the left wall.
 - The bottom chords were scabbed with 2x6 members approximately 15' long the scabs extending past the rear bearing end (loc 21) scabs were attached with (3) rows of nails spaced at approximately 4" o.c.
 - At location 21 the webs were furred out with additional members and a OSB gusset approximately 24"x24"x7/16" was installed on both faces. The gussets were attached with (2) rows of nails spaced at approximately 4" o.c.
 - Additionally, gussets sized approximately 24"x24"x7/16" were installed on both faces at joint locations 6,7, and 19. Gussets were attached with (2) rows of nails spaced at approximately 4" o.c.
2. The following repair was installed on A5 trusses located 6th – 9th from the left wall.
 - Scabs were installed on either face of member 9-17 due to a crack in the webs. The scabs extended the full length of the member and were attached with (2) rows of nails spaced at approximately 4" o.c.
3. At the time of the observation (2) additional breaks were seen in member 9-17 directly below joint 9, in the trusses located 8th and 9th from the left wall. During our original RDU2501554 the existing repairs on the members did not appear sufficient to combat the newly observed damage. Client has since cut back the existing scabs and installed 24" x 24" x 7/16" OSB scab centered on the joint 9.

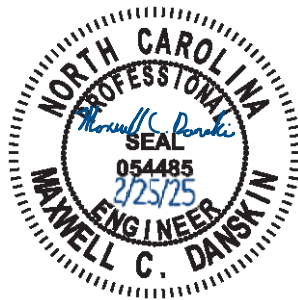


Recommendations

Based on our observations and review, All repairs are adequate as installed. No further repairs are required.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 980-240-5681.

Respectfully Submitted,
Elisha Harris



Reviewing Engineer:
Maxwell C. Danskin, PE

