

**Date:** 11/29/2021

**To:** **Casey Igo**  
DR Horton - Raleigh Field - East Region  
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**Re:** **HVAC Platform**  
Location: Lot 223 Wood Grove (Fuquay-Varina, NC)  
JDS Project No.: RDU2112454  
Date of Inspection: 11/30/21

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.

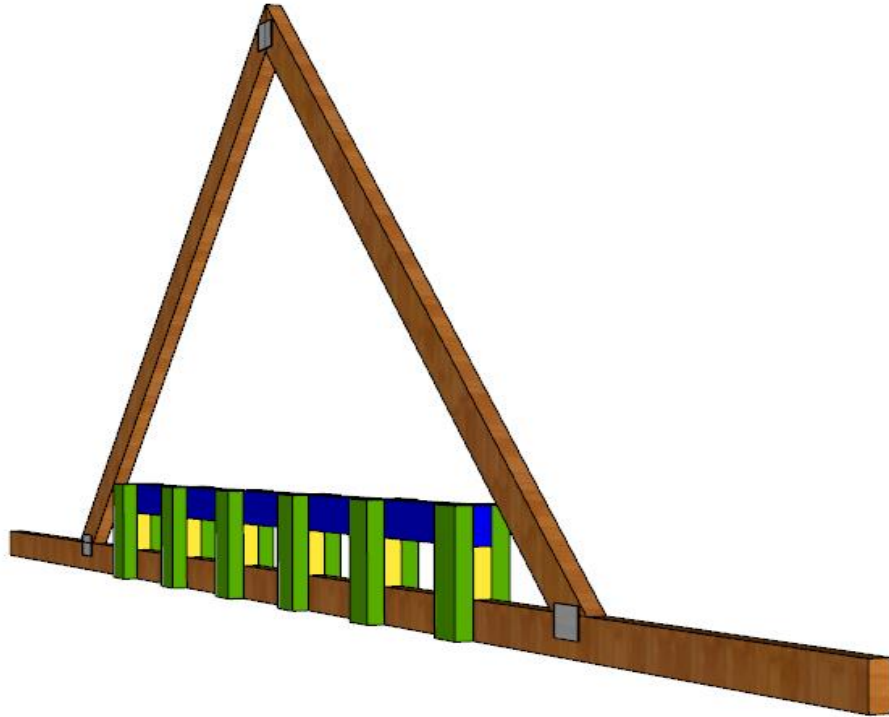
### Observations

The HVAC platform has been installed to the right of center at trusses R07, R08, and R09. A new platform is needed to the left of center between joints 22-24 at truss R07, 23-25 at truss R08 and 22-24 at truss R09.

### Recommendations

Based on our onsite observations and review, the contractor shall do the following:

- Install vertical 2x4 blocks installed 16" o.c. on both faces of the truss. Fasten to the bottom chord with minimum (4) equally spaced 10d nails. **(Green)**
- Install a vertical 2x4 block in the plane of the truss between the scabs referenced above, cut to fit tightly between the bottom chord of the truss and the bottom of the new horizontal 2x4 forming the HVAC platform. **(Yellow)**
- Install horizontal 2x4 members to support the sheathing of the HVAC platform. Fasten the 2x4 members to the vertical 2x4 blocks on each face of the truss with (4) equally spaced 10d nails. The horizontal member should extend flush to the adjacent webs, mitering the ends as needed to provide full bearing. Fasten the end to the adjacent webs with (2) 10d toe nails at each end. **(Blue)**
- Install ¾" floor sheathing and fasten to the horizontal members cited above. Fasten with (1) 8d nail spaced 6" o.c. into all sheathing edges and (1) 8d nail spaced 12" o.c. in the field.



If you have any questions or if I can be of further assistance to you on this project, please contact me at 984-297-5949.

Respectfully Submitted,  
John Lowrance

