

Date: 9/8/23

To: Monty Hobbs
104 Sherman Pines Dr
Fuquay-Varina, NC 27526

Re: Inspection Items

104 Sherman Pines Dr, Fuquay-Varina, NC 27526 - Harnett Co.
Project #: 23091

Dear Mr Hobbs:

Arrow Design, PLLC was contacted on 8/28/23 and was requested to review several items noted during inspection by the county building official. Below is a summary of the items Arrow Design, PLLC evaluated. All direction references are based on viewing the structure from the rear of the home.

1. It was noted that the exterior 2-ply deck band of the deck was not attached to the deck ledger properly. The ledger board stopped short of the final ply of the deck band and the band was just nailed to the ledger.
 - Refer to Figure 1 at the end of this report for the repair.
2. The 3-ply gable end rafters were only connected to the top of the 8x8 post/porch header with nails.
 - Attach the rafter to the post/header using (4)SST SDWC15600 truss screws.
3. The porch header was attached to the post using (2)1/2" thru bolts.
 - This attachment is an adequate alternative to the previous report connection specifications. No repair is required.

This report is an evaluation of the note conditions based on visual evidence and our qualifying knowledge and experience. All conclusions are considered accurate to a reasonable degree of engineering certainty based on the evidence available at the time the report was issued. All options and conclusions are subject to revision based on receipt of new or additional information.

All services are provided exercising a level of care and diligence equivalent to other professional engineers providing similar services under similar conditions. This report is the product of an engineering investigation. This report is not a home inspection report as defined by the state nor is it a code compliance report unless specifically stated. Unless otherwise specifically noted in the report, no destructive or invasive testing or procedures were performed during this investigation.

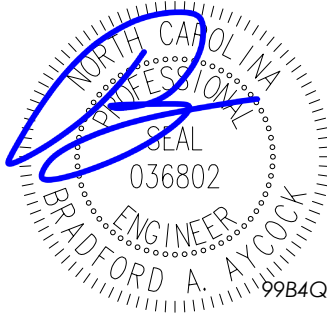
These services are confidential in nature and this report will not be released to any other party without the clients express consent. The use of this engineering work is limited to the express purpose for which it was commissioned and it may not be reused, copied or distributed for any other purpose without the express written permission of Arrow Design, PLLC.

We appreciate the opportunity to assist you in this phase of your project and look forward to assisting you on future projects if possible. If you have any questions, please do not hesitate to contact us.

Sincerely,

Arrow Design, PLLC
NC Firm License #: P-1562

Bradford A. Aycock, P.E.
President



Alteration of this seal without the express written consent of the sealing engineer is a violation of the provisions set forth in the North Carolina Engineering and Land Survey Act (G.S. 89C) and may result in legal action by the North Carolina Board for Engineers and Land Surveyors.

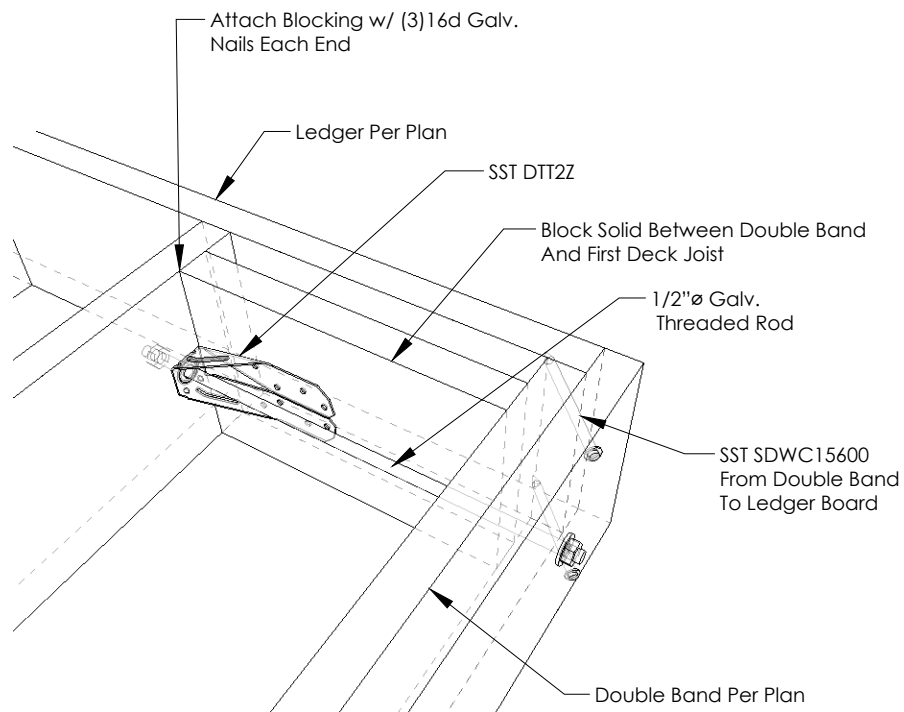


Figure 1 - Attachment of Deck Band to Ledger Repair