

**Date:** 01/23/2023

**To:** **Thomas Crews**  
Dan Ryan Builders  
3000 RDU Center Drive  
Morrisville, NC 27560  
tcrews@drbgroup.com  
919-452-8777

**Re:** **Shear Wall Issue**  
Location: Lot 100 The Farm at Neill's Creek – 159 Hay Field Dr. (Lillington, NC)  
JDS Project No.: RDU2300520  
Date of Inspection: 01/23/2023

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

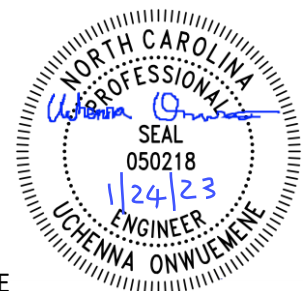
The client requested evaluation of (3) 2x4 wall studs at the front-wall of the 'O. BATH'. (3) wall studs have been drilled with an approximately 2" diameter hole, approximately 48" – 56" from the bottom, to accommodate a 1½" PVC plumbing pipe penetration. Stud shoes have been installed over each penetration; however, the stud shoes are missing nails in multiple locations.

#### Recommendations

Based upon our on-site observations and review, stud shoes are an adequate repair of the drilled 2x4 wall studs provided they are installed per the manufacturer's installation instructions. The stud shoes shall be fully nailed in each designated nail hole and installed per the manufacturer's installation instructions.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 919-609-4626.

Respectfully Submitted,  
Anthony White



Reviewing Engineer: Uchenna Onwuemene, PE

