

Date: 03/31/2025

To: **Donnie Bentley**
Dan Ryan Builders
3000 RDU Center Drive
Morrisville, NC 27560
dbentley@drbgroup.com
919-328-0457

Re: **Girder Issue**
Location: Lot 41 Honeycutt Hills (188 Shelby Meadows, Angier, NC)
JDS Project No.: RDU2503287
Date of Inspection: 03/31/25

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 requests an evaluation of the 1st left to right girder beam from the crawl space door. The client is questioning the bearing area of the left bearing end. The beam has approximately 1-1/2" bearing of each ply on the 2x bearing block that is in the beam pocket. The bearing block is not fully bearing on the CMU blocking.

Recommendations

Based on our on-site observations and review:

1. Support the girder at the left bearing end.
2. Remove the 2x bearing block.
3. Clean cut the CMU block at the girder pocket to provide a flat level surface.
4. Reinstall 2x PT bearing block.
5. Install metal shims at any location of the girder that is not fully supported.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 984-344-4691.

Respectfully Submitted,
Patrick Ruff



Reviewing Engineer:
Maxwell C. Danskin, PE

