

Date: 06/03/2024

To: **DC Carter**
Dan Ryan Builders
3000 RDU Center Drive
Morrisville, NC 27560
dcarter@drbgroup.com
919-896-2168

Re: **Column Cap Issue**
Location: Lot 98 Blakes Pond (87 whimbrel Ct, Lillington, NC)
JDS Project No.: RDU2405674
Date of Inspection: 06/03/24

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 BC6Z post caps on the left side porch which have been modified.

Recommendations

Based on our observations and review, The existing bent BC6Z post caps are not adequate for the anticipated uplift. The contractor should do one of the following at the second-floor posts:

- a) Add (4) 6" x 1/4" SDS screws (2 each side) toenailed from the column into the porch beam.
- b) Attach a 16" CS16 strap, strapping to the second-floor posts, from the porch beam to the column. The strap is to be installed vertically 'straight' from the post to beam and should not have a 90 degree bend.

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

