

Date: 06/30/2022

To: **Scott Ramsey**
Triangle Building and Properties
413 Bledsoe Ave
Raleigh, NC 27601
scott@trianglebuild.com
919-817-3078

Re: **Pier Center 1/3 Issue**
Location: Lot 4 Purfoy Place (90 Lambert Lane, Fuquay-Varina, NC)
JDS Project No.: RDU2206604
Date of Inspection: 6/30/2022

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 has requested evaluation of the following items:

1. The front left most pier does not land within center third of the footing.
 - Contractor has excavated an 11" left to right and 6" front to rear both full depth footing extensions with (1) row of (3) #4 rebar dowels epoxied into both faces of the existing footing spaced equally apart. Dowels have 5" of projection and 3" clear cover.
2. The rear left most pier does not land within center third of the footing.
 - Contractor has excavated a 12" left to right by full width and depth footing extension with (1) row of #4 rebar dowels epoxied into the face of the existing footing spaced equally apart. Dowels have 7 ¼" of projection and 3 ¼" clear cover.

Recommendations

Based on our on-site observations all footing repairs are sufficient and will allow each in question pier to sit within the center third of the new footing. The contractor shall now pour a minimum of 3,000 PSI concrete in each excavated footing extension.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 980-240-5681.

Respectfully Submitted,
Zachary Lower

