

Mark E. Jones, PE  
Structural Engineering and Design

December 3, 2019

Whittenton Builders, Inc.  
863 Neighbors Rd  
Dunn, NC 28334

Ref: Site Observations and Analysis  
2437 NC55 N  
Dunn, NC  
Project No: 19-275

To Whom it may concern;

Plans for the above referenced site were reviewed on August 27, 2019 and the site was observed on November 15, 2019 to address the following structural concerns and clarifications:


1. Owner wants to eliminate column at kitchen island.
2. Engineer to address windows at sunroom not per plan.

Based on plan analysis and confirmation of existing conditions, the conclusions regarding the concerns are:

1. To eliminate the column at the kitchen island, the builder was instructed that a W23X55 steel beam would be required to support the imposed loads. The beam was to be supported by a 3" diameter steel column at each end with solid blocking in the floor system to the foundation below. The beam and supports have been installed per specifications.
2. In lieu of the two sets of twin windows indicated at the rear wall of the sunroom, five single windows have been installed with double stud pockets between them and a continuous 2x10 header with straps at each end. The existing construction is portal framed and adequate to support/resist the imposed design loads. No further action is required.

Thank you for this opportunity to assist you. If you have any questions or need any further assistance, please do not hesitate to call.

Respectfully,



Mark E. Jones, PE

