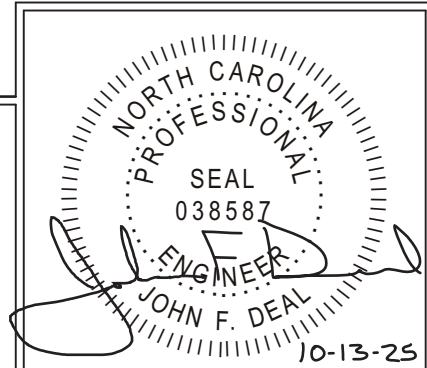




ON-SITE Residential Engineering

Company Licence # P-1011

PROJECT	25-153-A
LOCATION	523 Windy Farm Drive, Fuquay-Varina
CLIENT	Mosko Roofing and Construction
CONTACT	tyler@moskolawnandhomenc.com
DATE	October 13, 2025



PAGE
1/1

The purpose of this project is to address framing inspection structural items. The engineer's seal applies only to structural items specifically addressed in this project.

(A) Side Roof Beam Splices Not Over Posts

Observations

The First Floor Structural Plan shows (2) 2x10 side roof beams. One of the plies is not spliced over a post but is in the middle of the span. The other ply is continuous over the span.

Structural Specification

The single splice between posts with one continuous ply remaining is structurally allowable for the left and right side roof beams in this specific case with no structural changes or reinforcements necessary.

(B) LVL Ridge Support at House Wall

Observations

The Roof Structural Plan shows the LVL ridge supported by double rafters attached to the rear wall of the house. As-built, the LVL ridge extends into the rear house wall and bears on (3) 2x4 studs added under the ridge and bearing on the wall top plate.

Structural Specification

The LVL ridge bearing on the rear wall of the house is structurally allowable provided that (3) 2x4 studs are also added in the rear wall at the first floor level to transfer the ridge load down to the house foundation.