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21 JULY 2022

To: Whom It May Concern
CC: BREault BENJAMIN & BARBEAU EUGENIA LAFLECHE
Re: Screened Porch and Deck 74 Cross Link Dr., Angier NC
Permit # JAMPE Job Number 2207-39

The following design and recommendation is based on the latest edition of the North Carolina Residential Code and any local codes that may be in effect at the time of this letter.

Live Loads: 800/Limited Storage- 20 psf Upper Floors- 40 psf Main floors- 40 psf
Dead loads as applicable. Allowable Soil Pressure- 2000psf Wind load- 27 psf.
Allowable Stress: #2 SPF- 875 psi #2 SYP- 1050 psi LVL- 2900 psi

Builder has requested verification of the following issues:

Builder has requested verification of the following Deck Construction as Based on **On-Site Review and DCA6 and 2018 NCRC / 2018 IRC Chapter 4 R401.2 (Requirements), R401.4 (Soils Test), R402.1 (Wood Foundations)**

Screened Porch Meets or Exceeds Requirements Noted in DCA6 Deck Construction Manual, 2018 NCRC/IRC Soils and Foundation Code Requirements, and My Recommendations On-Site with the Following Improvements:

Additional Uplift Control is Required at Rear Band to Post

Mirror L50 Clips holding Upper Column with **L30** to Sides of Posts to Attach Ground Post Underneath at Girder and Fill with #10 Wood Screws

► **ACTION REQUIRED**

Install (1) LedgerLok at Each End of Diagonally Bracing for (2) Total

► **ACTION REQUIRED**

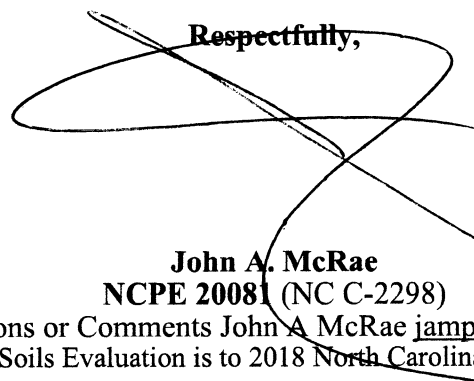
At Rafter Connection to House: Install LedgerLok at Every Stud Beyond

► **ACTION REQUIRED**

16 August 2022

COMPLETE

Respectfully,



John A. McRae
NCPE 20081 (NC C-2298)

Questions or Comments John A. McRae jampe@nc.rr.com
Design and Soils Evaluation is to 2018 North Carolina Residential Code

