

Date: June 28, 2024  
Project: Hancock Residence  
Address: 225 Iris Bryant Rd  
Erwin, NC 28339

### Floor Support Analysis - Letter of Completion

This letter is prepared for Southeast Foundation Repair (contractor) by FDN Engineering (engineer). Floor support jacks (SmartJacks) were installed at the above referenced project. The support system was designed to stabilize and potentially lift the existing floor structure – reducing deflections in the floor and reducing pressure on existing soils. The approved design instructed the contractor to install footings, SmartJacks, supplemental support girders and all related components per the support manufacturer’s installation instructions and according to their technical specifications, as well as industry standards. See approved engineering report for the design and details of the floor support system.

The installation of the supports was visually inspected by engineer; and the contractor has supplied engineer all available field data. The SmartJack locations were adjusted, via a change order. The new location is acceptable. Upon review, the installed support jacks conform to the intent of the approved design and any installation deviations are approved with no outstanding non-compliance items.

To the best of my professional knowledge, the design of the floor support system conforms to the structural requirements of the 2018 North Carolina State Building Code to the extent that it applies to our scope of work.

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