



SFA Design Group, LLC

STRUCTURAL | GEOTECHNICAL | SPECIAL INSPECTIONS
PORTLAND, OR | LIVERMORE, CA | SEATTLE, WA
503.641.8311 | www.sfadg.com

Special Inspection FINAL SUMMARY REPORT

November 7, 2022

ATTN: City-County Inspections Department

RE: Project Name: Bennett Residence
SFA Project #: RBC22-212
Project Address: 4105 Red Hill Church Rd, Coats, NC 27521

Dear City-County Inspections Department:

This letter is in regards to the voluntary foundation underpinning and floor upgrade consisting of the installation of (9) FSI 288 push pier system & (11) FSI Smartjacks at the above-mentioned address. SFA Design Group has reviewed all available field data and information provided by Regional Foundation Solutions. Based on this information, the installation of the push piers and the Smartjacks is approved per the intent of our design and in accordance with all applicable Harnett County and North Carolina building codes.

Sincerely,

Mohamed El Katrani
SFA Design Group, LLC

Cc: Tawania O'Neal – Regional Foundation Solution

Reviewed by: Jesse Dean, PE, SFA Design Group, LLC



EXPIRES: 12/31/22

APPENDIX G

DESIGN PROFESSIONAL INSPECTION FORM

RECORD OF THE INSPECTION OF A **COMPONENT OR ELEMENT** BY A NC LICENSED ARCHITECT OR ENGINEER

Project Information:

Residential Single-Family Project: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Commercial Project: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Code Enforcement Project No:	Permit No: BRES2207-0065
Project Name: Bennett Residence	Owner:
Project Address: 4105 Red Hill Church Rd, Coats, NC 27521	Suite No:
Date Inspected: 11/07/2022	Contractor Name: Regional Foundation and Crawl Space Repair
Component Inspected:	

Responsible Licensed NC Architect or NC Engineer

Name:	Jesse Dean, PE		
Firm Name:	SFA Design Group, LLC		
Phone Numbers:	Office: 503-641-8311	Mobile:	
Email Address:	engineering@sfdg.com		
Mailing Address:	12112 SW Garden Pl, Tigard, OR 97223		

APPLICABLE CODE:

2018 NCBC & 2018 NCRC

2018 NCBC = 2018 NC Building Code; 2018 NCRC = 2018 NC Residential Code

Describe Element/Component/Type of Inspection: *

3rd party letter attached

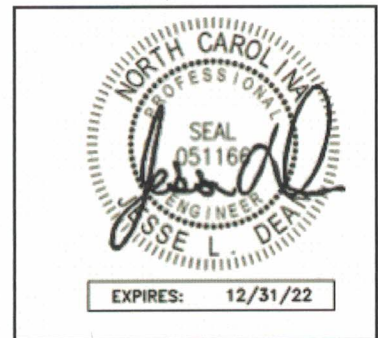
*(subgrade form/letter may also be required)

Attestation/Signature:

By signing below, I certify that the component and/or element of the building as identified on this form has been inspected by me or someone under my direct supervision per G.S. 160D-11-6 and is in compliance with the Code or other proposal of the architect or engineer for the project. This inspection is in compliance with all of the requirements of the above referenced code. Attach any additional documents if needed.

Jesse Dean, PE

Licensed Architect or Engineer



Inspection Department disclaimer:

Upon the receipt of a signed written document as required by G.S. 160D-11-6, Code Enforcement shall be discharged and released from any liabilities, duties and responsibilities imposed by this article or in common law from any claim arising out of or attributed to the component or element in the construction of the building for which the signed written document was submitted. Be aware that this inspection will be noted in all inspection records including the Certificate of Occupancy or Certificate of Compliance. This inspection does not address any local ordinances or zoning requirements.