

RJB, P.E., P.A.

C-0269

ROBERT J. BRACKEN
ENGINEER + SURVEYOR

3768 Caribnton Road • Sanford, North Carolina 27330

August 25, 2022

Harnett County Building Inspections
P.O. Box 65
Lillington, NC 27546

REF: Footing Up Grade
63 Rolling Pasture Way
Sanford, NC 27332
Lamco Contracting, Contractor

Dear Sir/Madam:

I was contacted by the Contractor to design an up fit to an existing footing to provide proper support for the lack of projection. I recommended that the contractor remove soil 12" wide and down to the bottom of the existing 8" footing, place dowels approximately 14" on center with epoxy. The dowels are #4 rebar 18" long with 6" of embedment in the existing footing. The projection now is 12" which exceeds the code, however the rebar will make the up fit acceptable. I observed the trench and rebar in place. See attached Sketch and area shown on the House Plan. With the repair in place, the footing will support the live and dead loads as specified in the North Carolina Residential Building Code, 2018,ed.

If you have any questions, please feel free to contact me @ 919-774-6074.

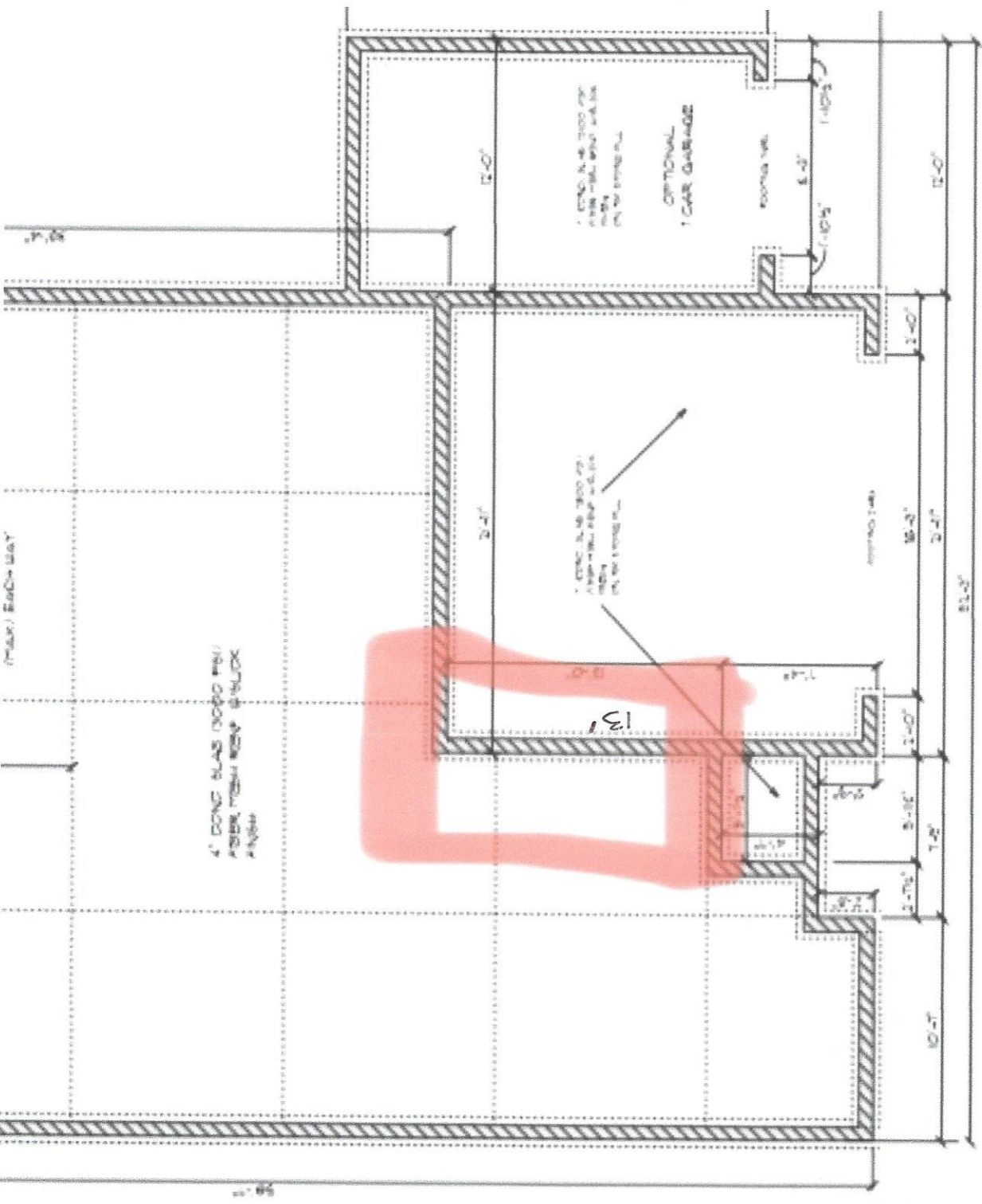
Sincerely,



Robert J. Bracken, PE

RJB:jeb





FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

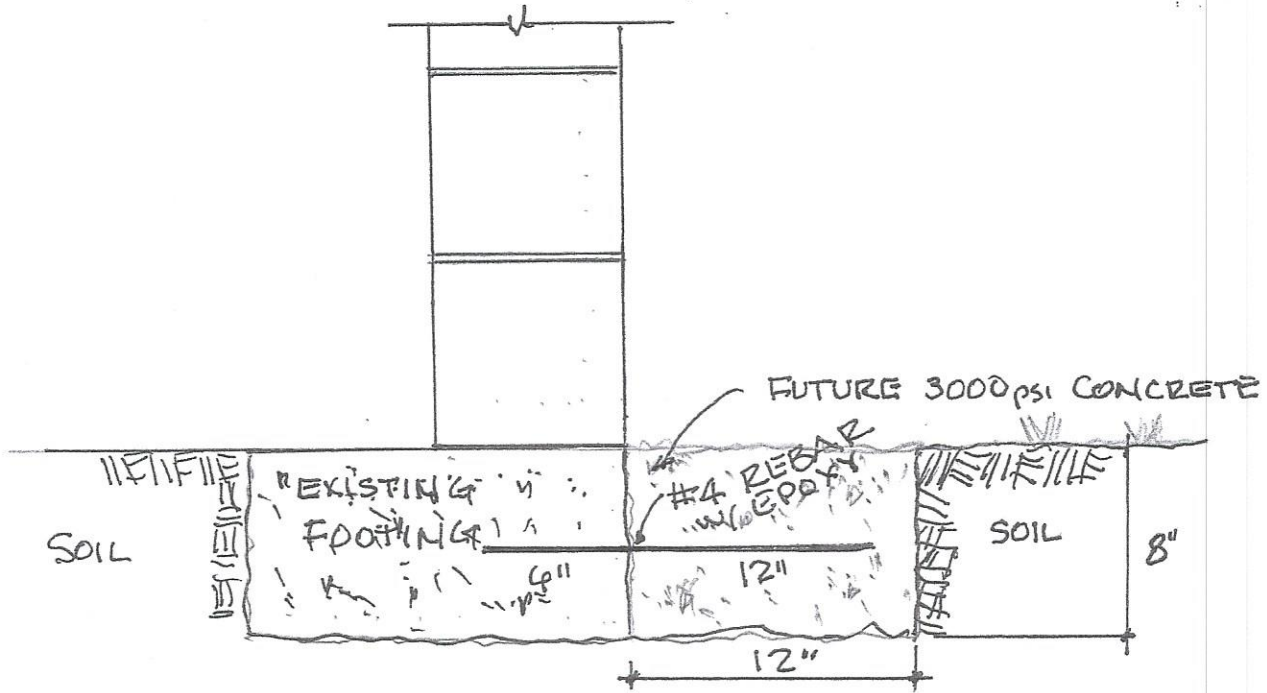
Lot 6, 6/11/11, 11/11/11, 11/11/11

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SKETCH
NTS

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: <input type="checkbox"/> N	Commercial Project: Y <input type="checkbox"/>
Code Enforcement Project No:	Permit No:
Project Name: House @ 63 Rolling Pasture way	Owner: Lamco Contracting
Project Address: 63 Rolling Pasture Way, Sanford, NC 27332	Suite No:
Date Inspected: August 25, 2022	Contractor Name: Lamco Contracting
Component Inspected: Footing Projection	

Responsible Licensed NC Architect or NC Engineer

Name:	ROBERT J BRACKEN, PE	
Firm Name:	RJB,PE,PA	
Phone Numbers:	Office: 919-774-6074	Mobile: 919-770-0809
Email Address:	bjbracken@windstream.net	
Mailing Address:	3768 Carbonton Rd, Sanford, NC 27330	

APPLICABLE CODE: 2018 NCRC

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

Describe Element/Component/Type of Inspection: *

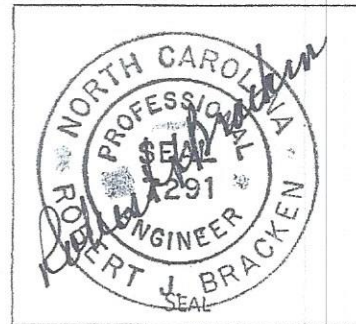
See Attached Letter

*(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 subsection (b2) of NC G.S. 153A-352 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.

Robert J Bracken 8/25/2022
 Licensed Architect or Engineer



Inspection Department disclaimer:

Upon the receipt of a signed written document as required under subsection (a) of Article 160A-413.5., 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.