

Wayne R. Dashfield, PE

421-B South Bright Leaf Blvd. Smithfield, NC 27577

(919) 934-0961

November 12, 2019

Harnett County Inspections

Re: Building Inspections
112 Old Cutoff Road
Erwin, NC

Dear Sir or Madam:

78 KITTYS LAKE

On November 6, 2019 I made an on-site visit to 102 Old Cutoff Road in Erwin, N.C. The purpose of this visit was to inspect the existing building built without a building permit. I inspected the existing building and listed below are my recommendations. The 2018 Residential Building Code was used for this report.

Existing Foundation

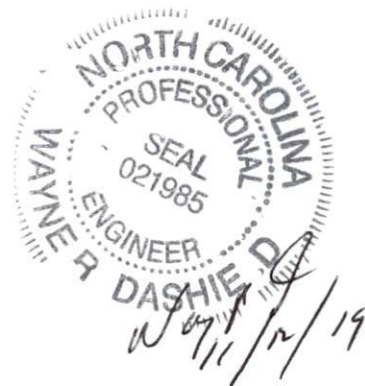
The existing building lacks an adequate foundation for the support of the building. I will recommend that additional piers and footing be added as shown on the attached sheet.

Existing Walls and Roof

Even though the construction of the dried-in existing walls and roof are not complete I have no recommendations at this time. If I can be of any more assistance, please feel free to contact me.

Yours truly,

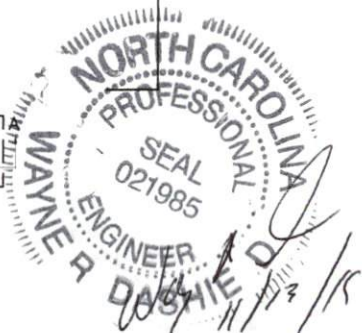
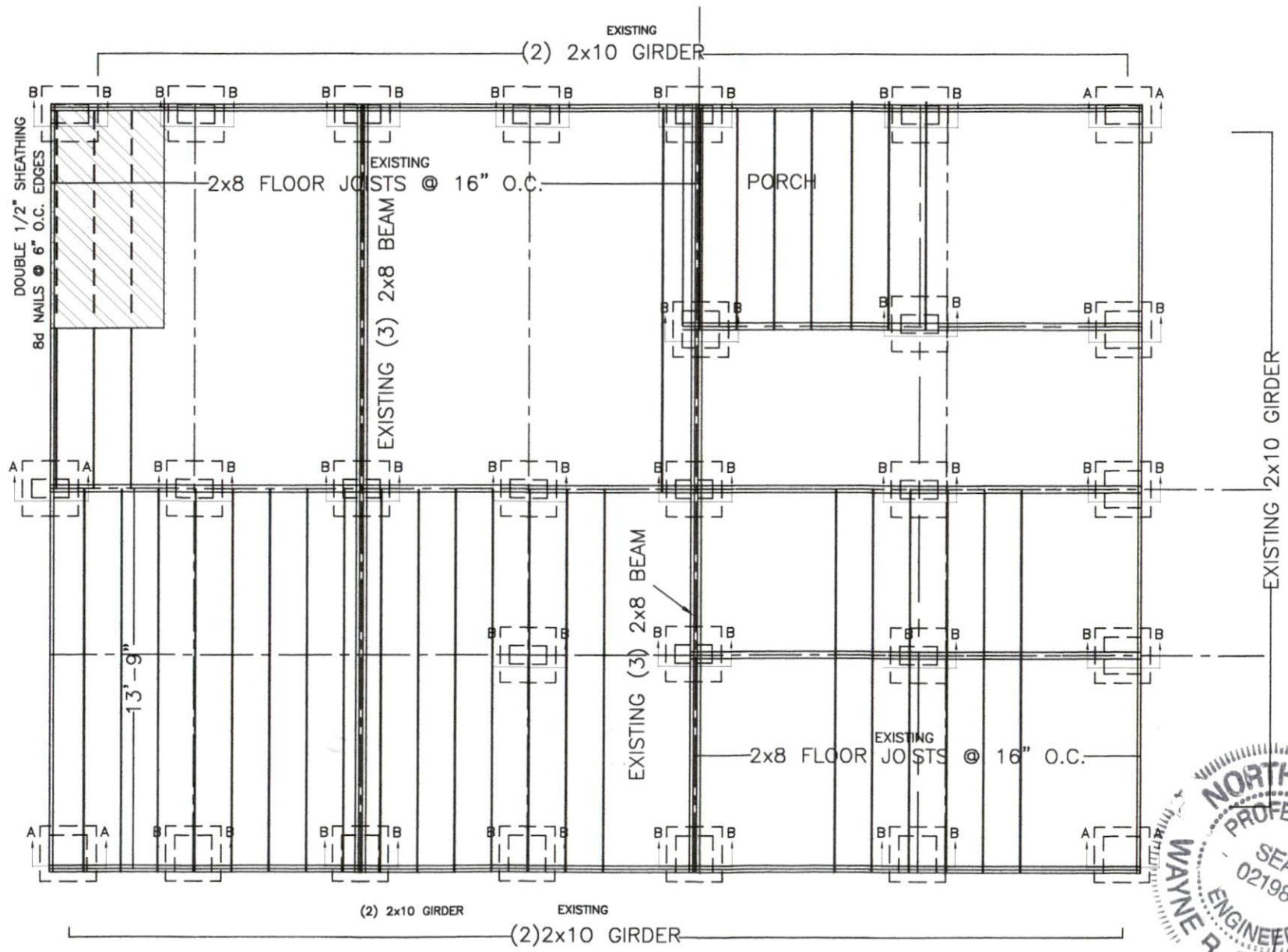
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FOUNDATION ADDITION

112 OLD CUTOFF ROAD

ERWIN NC



FOUNDATION ADDITION

102 OLD CUTOFF ROAD

ERWIN NC

STRUCTURAL NOTES

1. ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL SYSTEMS AND COMPONENTS INCLUDING ROOF SYSTEMS, FLOORS, WALLS, BEAMS AND HEADERS, COLUMNS, CANTILEVERS, OFFSET LOAD BEARING WALLS, PIER & GIRDER SYSTEM AND FOUNDATIONS.

2. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE 2018 EDITION OF THE "INTERNATIONAL RESIDENTIAL BUILDING CODE PLUS ALL LOCAL CODES AND REGULATIONS.

DESIGN LOADS	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (DL+LL)
FLOORS	40	10	L/360
SLEEPING ROOMS	30	10	L/360
ROOF	20	10	L/240
WIND	33.0 (BASED ON 120 MPH WIND VELOCITY)		

4. ALLOWABLE SOIL PRESSURE = 2000 PSF.

5. ALL FRAMING LUMBER SHALL BE NO. 2 GRADE SPF LUMBER (UNO).

