

1582 McArthur Rd.

910.822.1724



Fayetteville, North Carolina

910.835.5907 (FAX)

3 August 2021

Hartnett County
Central Permitting
P.O. Box 65
Lillington, NC 27546

Re: Floor Joist Inspection – 403 S 10th Street Erwin, NC

To Whom it May Concern:

JCE performed a site visit at the subject location in order to inspect the existing floor joists to determine their adequacy in supporting the proposed business use. The floor system, as observed from the basement, is comprised of a pier and girder system, with brick piers and rough-sawn lumber. The girders are 2x10 and the floor joists are 2x8. The floor joists are spaced 16" and run 8' in length. The SYP span tables allow for this span with a No. 2 graded lumber, so we can assume that the rough-sawn lumber is sufficiently beyond that limitation.

In addition to what the SYP tables show us, we are also not increasing the existing load. This building was previously used as an office for medical records for years, and the use will now be for office staff (only 4-6 individuals will be occupying the space. No medical records will be stored here, and the contractor is to remove the record file shelving units.

JCE uses the generally accepted practices and principles of the profession. JCE expresses its opinion based on visual observation of the current condition of the structure as it relates to the condition as it was originally constructed. If any other conditions other than those assumed by this report are discovered, the recommendations of this report will no longer be valid until the conditions are reviewed and changes verified in writing.

Please contact us with any and all questions.

Respectfully,

Jenkins Consulting Engineers, PA



Kelly J. Dodson, PE, Vice-President