



**ET ENGINEERING, P.A.**  
GEOTECHNICAL & ENVIRONMENTAL ENGINEERS

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**PROJECT:** Atherstone  
**LOCATION:** Angeir, NC

**JOB NUMBER:** 23-483  
**REPORT DATE:** 7/6/2023

**CONTRACTOR:** LGI

**COMMENTS:**

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**STREET ADDRESS:** 32 Barnsley Rd.

**LOT NO:** 348

**PERMIT NO.:** SFD2304-0128

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**Summaries of Engineering Services performed, including Field Test Data.  
Location, Elevations and Depths are estimated.**

**SUMMARY:**

Arrived on site as requested by the contractor to check bearing capacity for a turned down slab at the above referenced site. The design bearing capacity is 2000 psf. The turned down slab area was probed and found to be capable of supporting an allowable soil bearing capacity of 2000 psf. Footings are free of loose dirt and cleared of any organic material. Footings were a minimum of 16" wide and 19.5" deep. Slab has been filled with suitable soil and compacted. Slab thickness measured with a minimum 4". All areas of thickened slab were installed as per drawings. Contractor has installed a 6 mil. vapor barrier over slab and taped pipe penetrations and seams. Contractor has installed a 2" x 20" R-10 insulation board around the perimeter. Contractor has installed two #3 bars continuous. This area was approved for the placement of 3000 psi concrete.

