



PROJECT: Atherstone
LOCATION: Angier, NC

REPORT DATE: 3/19/2024
COMMENTS:

CONTRACTOR: LGI

STREET ADDRESS: 224 Ivy Bank

LOT NO: 105

PERMIT NO.: SFD2308-0056

COMPONENT: 3rd Party Mono Slab

**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 perform a third party inspection of a turn down slab at the above referenced residential site. The design bearing capacity is 2000 psf. Footing and slab areas were probed and found capable of supporting an allowable soil bearing capacity of 2000psf. Footings were free of loose dirt and cleared of any organic material. Footings were a minimum of 16" wide and 20" deep. All footing depths extend beyond the 12" frost line depth. Slab has been filled with suitable soil and compacted. Slab thickness measured 4", minimum. Thickened slab and spot footings were placed in accordance with the architectural foundation plan on-site. Contractor installed a 6 mil. vapor barrier over slab. Contractor installed a 2" - R-10 insulation board around the perimeter of the exterior footing. This work was performed in accordance with accepted engineering practices as required by the 2018 North Carolina Residential Building Code. Noted areas were approved for the placement of 3000 psi concrete.



