



PROJECT: Atherstone
LOCATION: Angier, NC

REPORT DATE: 8/2/2024
COMMENTS:

CONTRACTOR: LGI

STREET ADDRESS: 270 New Villas

LOT NO: 165

PERMIT NO.: SFD2405-0107

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 check on a turn 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 20" deep. All footing depths are well below the 12" frost line depth. Slab has been filled with suitable soil and compacted. Slab thickness measured with a minimum 4". All areas of spot footings were installed as per the project drawings. Contractor has installed a 6 mil. vapor barrier over slab. Contractor has installed a 2"- R-10 insulation board around the perimeter. This work was performed in accordance with accepted engineering practices as required by the 2018 North Carolina Residential Building Code. This area was approved for the placement of 3000 psi concrete.



