

Project: 198 Colonial Hills Drive Lillington, NC 27546

Installer Contractor: Crawlspace Medic of Sandhills

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Scope of Work

Crawl Space Encapsulation

- **10 Mil Vapor Barrier To Be Installed On The Ground: 1,100 SqFt** - Vapor barrier will cover 100% of the ground. Vapor barrier to be taped along the overlapping seams and spiked to the ground. Class 1 vapor barrier, joints of the vapor barrier shall overlap by 12 inches and shall be sealed or taped. Vapor barrier will be sealed around all masonry pier and insul-barrier.
- **Insulation Barrier To Be Installed On All Exterior Wall: 140 LF** - ISI Building Product Insul-Barrier is a vapor barrier and insulate that carries an R-Value of R-12. The insul-barrier will be installed up the wall terminating at the termite line. Insul-barrier will be sealed to the vapor barrier and the wall.
- **Insulating The Rim Band** - R-19 batt insulation will be installed along the face of the entire rim band.
- **Dehumidifier** - (1) Santa Fe Compact 70 pints will be installed in the crawl space. The dehumidifier will be placed in the center of the crawl space. Dehumidifiers placed on top of risers up off the ground. Dehumidifiers will drain into their own condensation pumps and be properly drained to the exterior of the building.

Structural Repairs

- **Girder Repair: approximately 40 LF** - Remove replacing the damaged central 3-2x10 flush girder with new 3-3x10 member. Fasten the new girder plies together using (3) 10d nails at 16" O.C., alternating sides. The new flush girders shall bear above the existing piers at the left and right ends with flat pressure-treated blocking, flat metal shims, and/or waterproofing flashing between the girder plies and top of the masonry pier.
- **Sister Joists: approximately 35 joists** - The sistered member consists of a new 2x8 member attached to the damaged joist with (3) 10d nails at 16" O.C. Ensure positive bearing at both ends of the floor joists with Simpson LUS28-2 joist hangers (or approved equivalent.)
- **Ledger Repair: approximately 20 LF** - Remove damaged ledger strips with new ledger. For the ledger strips, install 3 nails in ledger strips under each joist throughout the crawlspace. Provide 1 nail directly below the joist and the remaining 2 nails spaced 3" to either side of the center nail.