



**Scope of Work for:  
33 W.W. McDonald Ln  
Lillington NC 27546**

***The following will be performed as Crawl Space Moisture Remediation:***

\*\*20 ml Vapor Barrier installed wall to wall with 100% floor coverage. All sections of liner will be overlapped a minimum of 1' and will be seamed together, attached with Christmas Tree fasteners, and caulked.

\*\*R-10 Rigid 2" Foam Sheathing - Wall Insulation installed with a 3-4" termite inspection reveal left at the top of the foundation wall. All vents will be sealed from the inside.

\*\*Wrap all existing CMU/Brick Piers 20 ml Vapor Barrier. Contractor will leave a termite inspection gap at the top of each pier. The liner will be fastened to the pier and the top edge of the liner will be sealed with caulking.

\*\*CrawlDrain Install CrawlDrain in the area shown. Hand dig in order to develop a trench where indicated on the drawing and install 4" corrugated and perforated pipe with engineered mesh silt sock to collect ground water, back filled with #57 drainage stone and connect to sump system to discharge.

\*\*Crawlspace Single w/ Backup Install 1/3 HP Sump pump system with liner, cast iron pump, pump stand, water alarm system and battery back-up pumping system with charging/control box with alarm, and 120 amp sealed maintenance free battery.

\*\*Drainage Matting Install Drainage matting under the CrawlSeal Liner.

\*\*R-19 Insulation installed in the rim joist cavities.

\*\*All Vents will be sealed from inside the crawl space.



A Groundworks Company

\*\*Electrical - Installation of new dedicated 120vac/20amp electrical circuit/s and electrical outlet/s (WP-GFCI) to supply sump pump and /or dehumidifier in crawl space ( basement).

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\*\*AprilAire E100 Dehumidifier install

SPECIFICATIONS	
Capacity	@ 80°F/60% RH 100 ppd
	@ 73°F/60% RH 85 ppd
Energy Factor	@ 80°F/60% RH 2.6 L/kW-h
	@ 73°F/60% RH 2.35 L/kW-h
Airflow @ varying E.S.P. (external static pressure - dry coil)	0.0" w.c. 280 CFM
	0.2" w.c. 245 CFM
	0.4" w.c. 210 CFM
Voltage, phase, frequency	120VAC, 1 phase, 60 Hz
Current draw <sup>(1)</sup>	6.9 Amps
Noise	55 dBA ducted
Dimensions: (cabinet only) <sup>(2)</sup>	Width: 14"
	Height: 15"
	Length: 26"
Unit Weight	64 lbs.
Shipping Weight	82 lbs.
Inlet air operating conditions during	
-Dehumidification:	50°F-104°F, 40°F dew point min.
-Ventilation:	40°F-140°F, 0%-99% RH (non-condensing)
<sup>(1)</sup> Rated capacity, energy factor and current draw measured at 80°F/60% RH inlet air at 0.0 ESP.	
<sup>(2)</sup> Height does not include adjustable feet. The width excludes the filter doors and length excludes the duct collars.	

