



Scope of Work for:

9356 NC-27

Benson, NC 27504

The following will be performed as a crawlspace encapsulation project:

**CrawlSeal System to include the following:

-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.

-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.

-All Vents will be sealed from inside the crawl space with R-10 Rigid 2" Foam Sheathing.

*AprilAire E100 Dehumidifier install - unit specifications on page 2.

TARHEEL™

BASEMENT SYSTEMS

A Groundworks Company

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^①	6.9 Amps
Noise	55 dBA ducted
Dimensions: (cabinet only)^②	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)
<small>①Rated capacity, energy factor and current draw measured at 80°F/60% RH inlet air at 0.0 ESP.</small>	
<small>②Height does not include adjustable feet. The width excludes the filter doors and length excludes the duct collars.</small>	

*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).

Touchstone Electric

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BASEMENT SYSTEMS

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Maurie Phifer - Inspector
984.309.9831

Customer	Gary Liles
Address	9356 NC-27 Benson, NC 27504
Customer #	243106
Date:	11/14/24

Legend

CrawlDrain			
Discharge Line			
Basement Gutter			
Main Beam			
Supplemental Beam			
Joist			
Interior Wall			
Sump Pump			
Triple Sump Pump			
Electrical Outlet			
Box Drain			
Observed Crack			
		Helical Pier	
		Push Pier	
		Carbon Fiber	
		IntelliBrace	
		IntelliJack	

