



**Scope of Work for:**  
**2585 Sheriff Johnson Rd.**  
**Lillington, NC 27546**

\*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 tape.
- Install WallSeal on basement walls to help prevent water vapor and moisture intrusion as well as direct wall leakage to the waterproofing system. (12 ml Vapor Barrier on Walls)
- 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

\*Existing R-19 insulation will remain in the floor system.

\*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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# TARHEEL™

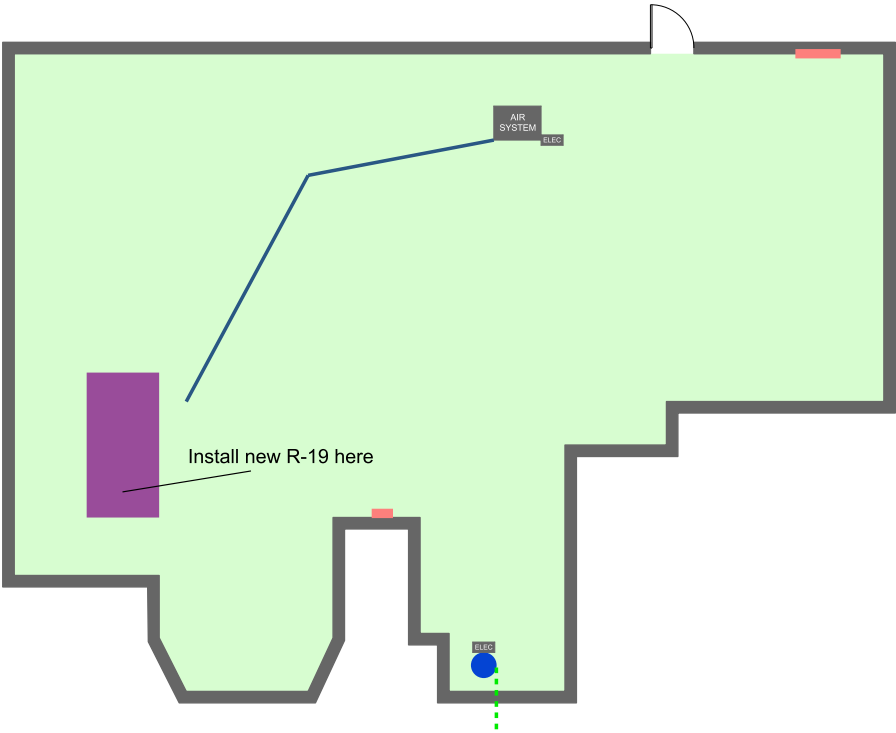
## BASEMENT SYSTEMS

A Groundworks Company
























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

Dalton Stocks  
2585 Sheriff Johnson Rd  
Lillington, NC

By Jonny Peters  
Tar Heel Basement Systems  
11/4/25



FRONT

KEY			
	CMU Pier / Pilaster		Observed Crack
	SettleStop IntelliJack		SettleStop Helical Pier
	Main beam		SettleStop Push Pier
	S4 Supplemental Steel I-Beam		SettleStop IntelliBrace
	Drainage Channel		Carbon Fiber Reinforcement
	Discharge Line		SettleStop Wall Anchor
	Exblock/rimjoist		SettleStop Slab Pier
	Proposed Pump Location		Interior Finished Wall
	Air System		SettleStop PolyRenewal
	Existing Sump Pump		Elevation Reference Location
	Crawl seal	0.1	Elevation Reading - Positive
		-0.1	Elevation Reading - Negative
 False wall / seal access			
 Duct Kit			