



Scope of Work for:
1963 Temple Rd.
Bunnlevel, NC 28323

*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

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

*Extreme Block - 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.

*Structural repairs - see engineer report

*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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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)
⁽¹⁾ Rated capacity, energy factor and current draw measured at 80°F/60% RH inlet air at 0.0 ESP.		
⁽²⁾ Height does not include adjustable feet. The width excludes the filter doors and length excludes the duct collars.		

TARHEEL™ BASEMENT SYSTEMS

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Date Aug 27, 2025	Client Name Angus Shaw	Client No 264237
Site Address 1963 Temple Rd Bunnlevel, NC 28323		Inspector Clint Weirich CFI 919-619-9586 Clint.Weirich@tarheelbasementsystems.com
Notes LF 139 SF 1144 H 2.0		All projects are subject to engineering and permitting approvals

Legend	
	Observed Crack
	Main beam
	Joist
	CMU Pier
	Negative Elevation
	Positive Elevation
	Supplemental S4 Beam
	Joist sister
	Helical Pier
	Push Pier
	IntelliJack
	IntelliBrace
	Carbon Fiber
	Wall Anchor

Legend	
	Standing Water
	Drainage Line
	Sump Pump
	Buried Discharge Line
	Yardwell
	Dedicated GFI Outlet
	Air System
	Grade
	Basement Gutter
	Triple Sump Pump
	Box Drain
	Crawlspace Door
	HVAC System
	X-bloc Insulation
	Recommended Drainage Line

