

A Groundworks' Company

## Scope of Work for: 96 Williams Creek Drive Erwin, NC 28339

## 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.
- -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.
- \*Existing R-19 insulation will remain in the floor system.
- \*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.
- \*Drainage Matting Install Drainage matting under the CrawlSeal Liner.
- \*AprilAire E100 Dehumidifier install unit specifications on page 2
- \*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
8601 Six Forks Road
Unit 400
Raleigh, NC 27601
(919) 670-4015
dispatch@touchstoneelectric.com
License # U.37073



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	SPECIFIC	ATIONS
apacity		
	@ 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 @ varyir (external static p	ng E.S.P. 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
B11		Width: 14"
Dimensions: (cabinet only)(2)		Height: 15"
(Cabillet Olly)		Length: 26"
Unit Weight		64 lbs.
Shipping Weigh	t	82 lbs.
Inlet air operatir	ng conditions during	
-Dehumidification:		50°F-104°F, 40°F
201011101100		dew point min.
-Ventilation:		40°F-140°F, 0%-99% RH
-ventuation.		(non-condensing)

<sup>\*</sup>Two (2) 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.

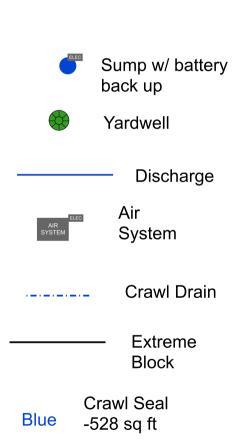
\*CrawlDrain Install CrawlDrain in the area shown. Hand dig in order to develop a trench where indicated on the drawing and install 4" corrugated and perforated pipe with engineered mesh silt sock to collect ground water, back filled with #57 drainage stone and connect to sump system to discharge.

Tar Heel Basement Systems
Jess Williams
910.919.1937
Certified Foundation Inspector
Signature:

Customer: Dane Harris

C# 234099

Phone # 254.768.8556 Address: 96 Williams Creek Dr. Erwin 28339



Drainage

Matt- 528

sq ft

Blue

Screened in Patio 20' -Back Porch Crawl Acess 6' 11" -HVAC Garage 528 Sq ft 22'7 Driveway