



**Scope of Work for:
30 Albert Ct
Sanford NC 27332**

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.

*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.

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

*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).

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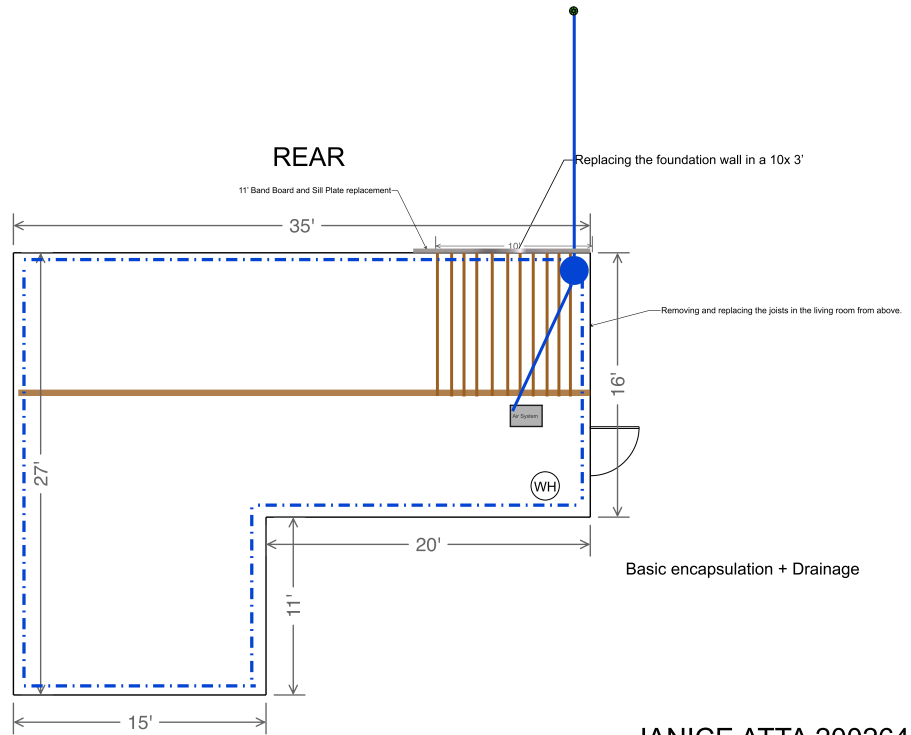
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TARHEEL™

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



REAR

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Replacing the foundation wall in a 10x 3'

Removing and replacing the joists in the living room from above.

Basic encapsulation + Drainage

FRONT

JANICE ATTA 200264
 30 Albert CT Sanford NC 27332
 Jason Hathaway
 11/10/2023