



**Scope of Work for:  
252 Checkmate Ct  
Cameron NC 28326**

***The following will be performed as Crawl Space Closed Encapsulation:***

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

\*\*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.

\*\*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)

\*\*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.

\*\*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.

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

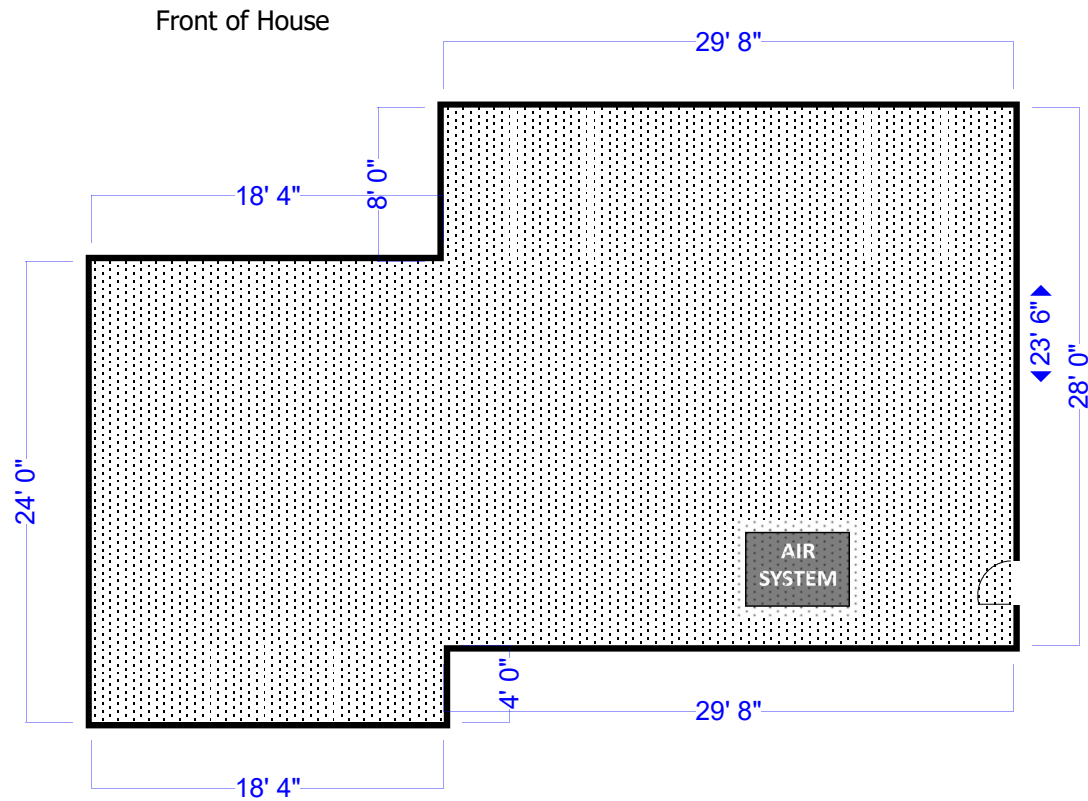
\*\*AprilAire E100 Dehumidifier install - specifications on page 2 - using existing electrical

# 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>		



THBS to install full encap with air system and Xbloc on perimeter walls.

Customer is removing insulation prior to install date

Crawl is about 2.5 ft tall most areas but there are low duct and plumbing pipes

Site:	Customer Address	Drawing:	801506	Project:	0000416	Drawn:	Tim Tracy	Notes:	Groundworks 1741 Corp Landing Virginia Beach, VA 23454
Title:	Customer Name	Scale:	1/8" : 1' 0"	Date:	01/30/2017	Rev:	A		