



**Scope of Work for:  
25 Mary Grey Court  
Fuquay-Varina, NC 27526**

***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-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.

\*AprilAire E100 Dehumidifier install - unit specifications on page 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.

\*Electrical - Installation of two (2) new dedicated 120vac/20amp electrical circuit/s and electrical outlet/s (WP-GFCI) to supply sump pump and /or dehumidifier in crawl space ( basement).

Davis Dunlap Electrical LLC  
210 Timberland Dr  
Angier NC 27501  
919-669-0768  
[davidsdunlap@electric@yahoo.com](mailto:davidsdunlap@electric@yahoo.com)  
License #27056-L

# 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)

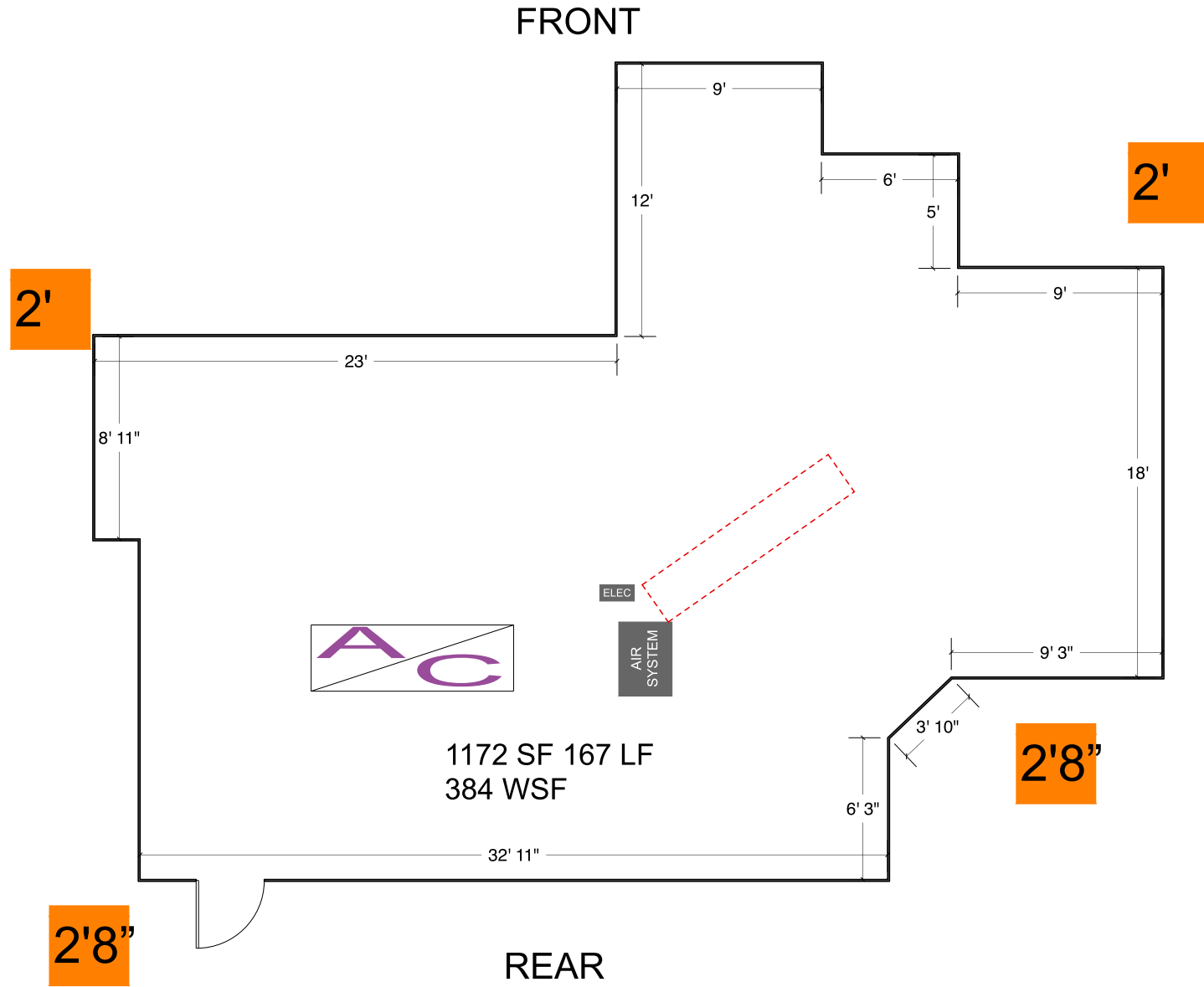
<sup>(1)</sup>Rated capacity, energy factor and current draw measured at 80°F/60% RH inlet air at 0.0 ESP.  
<sup>(2)</sup>Height does not include adjustable feet. The width excludes the filter doors and length excludes the duct collars.

# TARHEEL™ BASEMENT SYSTEMS

A Groundworks Company

Maurie Phifer - Inspector  
984.309.9831

Customer	Tammi Hinman
Address	25 Mary Grey Ct Fuquay-Varina, NC 27526
Customer #	232579
Date:	7/22/24

Remove Insulation with  
Biocide Spray Exblock,  
Crawlseal, Air System,  
Electrical