



**Scope of Work for:  
405 N 14th St  
Erwin NC 28339**

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

\*2" Spray Foam R-19 Insulation on walls of crawlspace

\*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.

\*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.

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

\*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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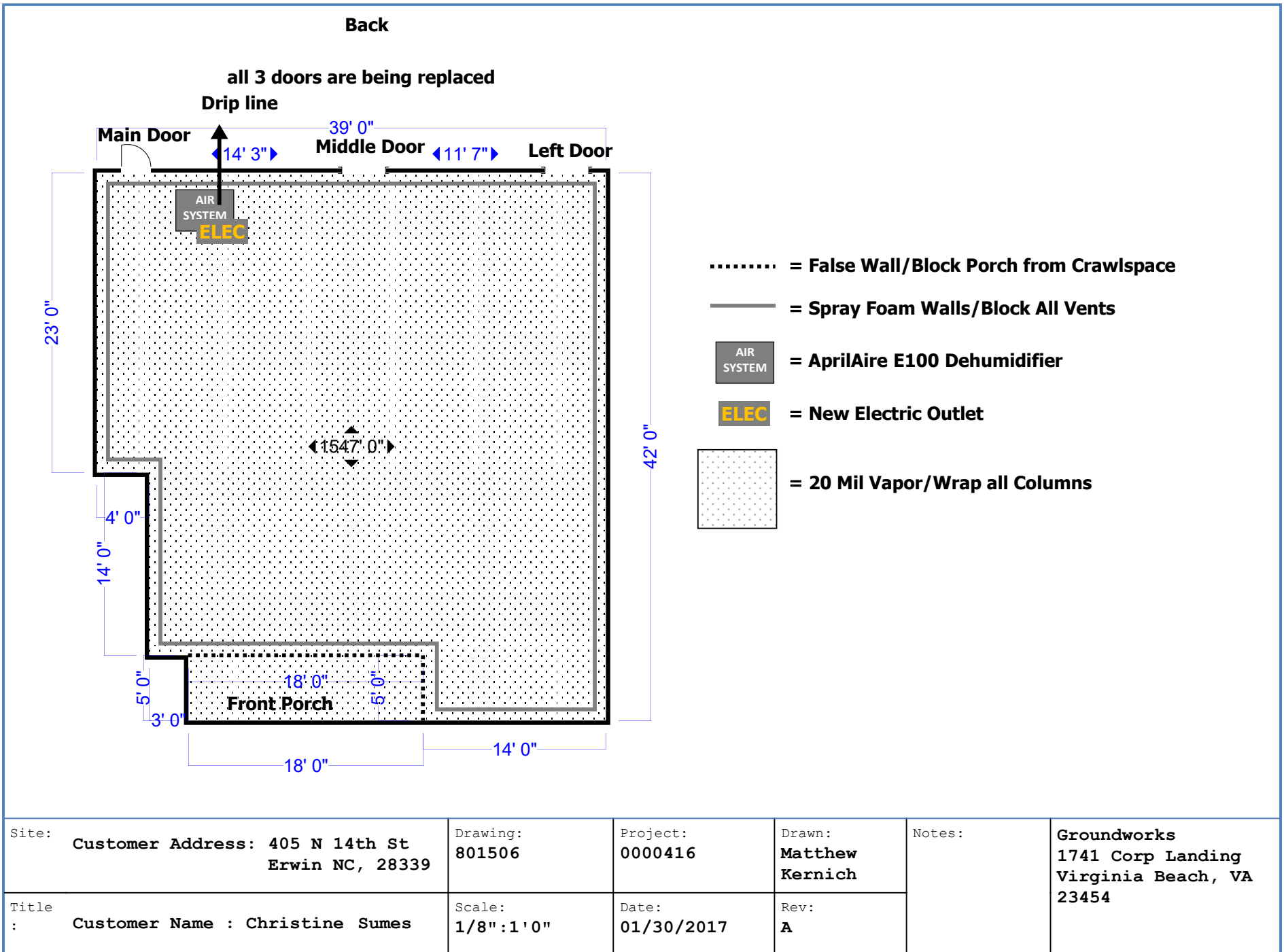
\*AprilAire E100 Dehumidifier install - specifications on page 2

# 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>		



Site:	Customer Address: 405 N 14th St Erwin NC, 28339	Drawing: 801506	Project: 0000416	Drawn: Matthew Kernich	Notes:	Groundworks 1741 Corp Landing Virginia Beach, VA 23454
Title:	Customer Name : Christine Sumes	Scale: 1/8" : 1' 0"	Date: 01/30/2017	Rev: A		