



Scope of Work for:
416 Victoria Hills Drive South
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.

-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.

*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.

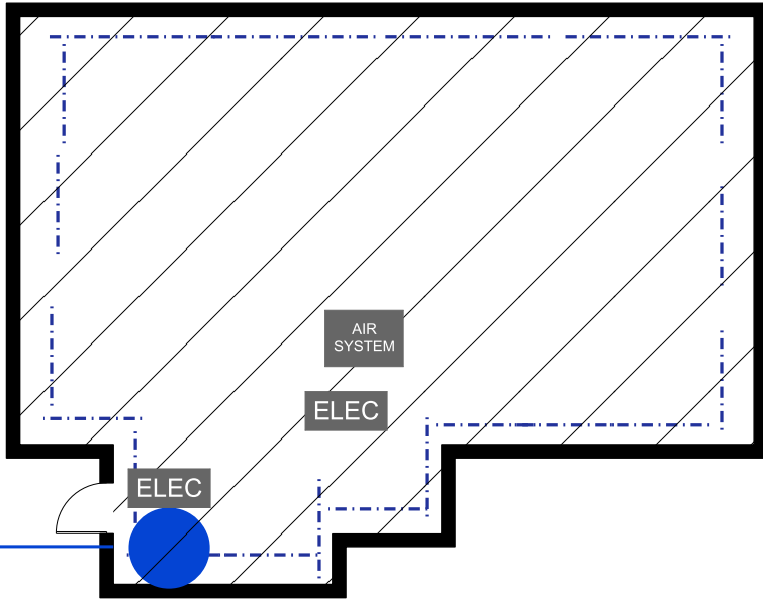
*CrawlDrain Install CrawlDrain in the area shown. Hand dig in order to develop a trench where indicated on the drawing and install 4" corrugated and perforated pipe with engineered mesh silt sock to collect ground water, back filled with #57 drainage stone and connect to sump system to discharge.

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



Front

Mark Caddell

THBS to install perimeter drainage system with single pump w/ backup

THBS to coordinate 2 electrical outlets

THBS to install full encap with dehu

Crawl is really easy to work without any obstructions.

416 Victoria Hills Dr. South Fuquay-Varina NC 27526

Inspector Mark Caddell
984-301-9741

- KEY**
- /////////. Encapsulation
 - AIR SYSTEM Dehumidifier
 - ELEC Electrical Outlet
 - - - - - Drainage System
 - Sump with Backup