

Initial Application Date: 10-28-15

Application # 1550037374
DRB # _____ CU # _____

COMMERCIAL

COUNTY OF HARNETT LAND USE APPLICATION

Central Permitting 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 Fax: (910) 893-2793 www.harnett.org/permits

LANDOWNER: Boone Trail EMS Mailing Address: 7016 US Hwy 421
City: Lillington State: NC Zip: 2754 Contact # DARRELL Caddell Email: dcaddell@myrickc.com
APPLICANT*: DARRELL Caddell Mailing Address: 7016 ~~US Hwy~~ 421 P.O. Box 728
City: Star State: NC Zip: 27356 Contact # 910-220-1257 Email: dcaddell@myrickc.com
*Please fill out applicant information if different than landowner

CONTACT NAME APPLYING IN OFFICE: DARRELL Caddell Phone # 910-220-1257

PROPERTY LOCATION: Subdivision: _____ Lot #: _____ Lot Size: _____

State Road # 45421 State Road Name: _____ Map Book&Page: 1

Parcel: 1306109002 PIN: 0610-97-0954.000

Zoning: RA30 Flood Zone: NO Watershed: yes Deed Book&Page: 730 1743 Power Company*: Duke Energy

*New structures with Progress Energy as service provider need to supply premise number _____ from Progress Energy.

SPECIFIC DIRECTIONS TO THE PROPERTY FROM LILLINGTON: _____

PROPOSED USE:

- ☐ Multi-Family Dwelling No. Units: _____ No. Bedrooms/Unit: _____
- ☐ Business Sq. Ft. Retail Space: _____ Type: _____ # Employees: _____ Hours of Operation: _____
- ☐ Daycare # Preschoolers: _____ # Afterschoolers: _____ # Employees: _____ Hours of Operation: _____
- ☐ Industry Sq. Ft: _____ Type: _____ # Employees: _____ Hours of Operation: _____
- ☐ Church Seating Capacity: _____ # Bathrooms: _____ Kitchen: _____
- ☐ Accessory/Addition/Other (Size 54x50) Use: Office + Truck Bay
20x60

Water Supply: ☒ County _____ Existing Well _____ New Well (# of dwellings using well _____) *MUST have operable water before final

Sewage Supply: _____ New Septic Tank (Complete Checklist) ☒ Existing Septic Tank (Complete Checklist) _____ County Sewer

Comments: _____

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted.
I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

Darrell Caddell
Signature of Owner or Owner's Agent

10/28/15
Date

This application expires 6 months from the initial date if permits have not been issued

A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) AND PLAT ARE REQUIRED WHEN APPLYING FOR LAND USE APPLICATION

NAME: _____

APPLICATION #: 1550037374

This application to be filled out when applying for a septic system inspection.

County Health Department Application for Improvement Permit and/or Authorization to Construct

IF THE INFORMATION IN THIS APPLICATION IS FALSIFIED, CHANGED, OR THE SITE IS ALTERED, THEN THE IMPROVEMENT PERMIT OR AUTHORIZATION TO CONSTRUCT SHALL BECOME INVALID. The permit is valid for either 60 months or without expiration depending upon documentation submitted. (Complete site plan = 60 months; Complete plat = without expiration)

910-893-7525 option 1

CONFIRMATION # _____

☐ **Environmental Health New Septic System** Code 800

- **All property irons must be made visible.** Place "pink property flags" on each corner iron of lot. All property lines must be clearly flagged approximately every 50 feet between corners.
- Place "orange house corner flags" at each corner of the proposed structure. Also flag driveways, garages, decks, out buildings, swimming pools, etc. Place flags per site plan developed at/for Central Permitting.
- Place orange Environmental Health card in location that is easily viewed from road to assist in locating property.
- If property is thickly wooded, Environmental Health requires that you clean out the undergrowth to allow the soil evaluation to be performed. Inspectors should be able to walk freely around site. **Do not grade property.**
- **All lots to be addressed within 10 business days after confirmation. \$25.00 return trip fee may be incurred for failure to uncover outlet lid, mark house corners and property lines, etc. once lot confirmed ready.**
- After preparing proposed site call the voice permitting system at 910-893-7525 option 1 to schedule and use code **800** (after selecting notification permit if multiple permits exist) for Environmental Health inspection. Please note confirmation number given at end of recording for proof of request.
- Use Click2Gov or IVR to verify results. Once approved, proceed to Central Permitting for permits.

☒ **Environmental Health Existing Tank Inspections** Code 800

- Follow above instructions for placing flags and card on property.
- Prepare for inspection by removing soil over **outlet end** of tank as diagram indicates, and lift lid straight up (if possible) and then **put lid back in place.** (Unless inspection is for a septic tank in a mobile home park)
- **DO NOT LEAVE LIDS OFF OF SEPTIC TANK**
- After uncovering **outlet end** call the voice permitting system at 910-893-7525 option 1 & select notification permit if multiple permits, then use code **800** for Environmental Health inspection. Please note confirmation number given at end of recording for proof of request.
- Use Click2Gov or IVR to hear results. Once approved, proceed to Central Permitting for remaining permits.

SEPTIC

If applying for authorization to construct please indicate desired system type(s): can be ranked in order of preference, must choose one.

{ } Accepted { } Innovative { } Conventional { } Any
{ } Alternative { } Other _____

The applicant shall notify the local health department upon submittal of this application if any of the following apply to the property in question. If the answer is "yes", applicant **MUST ATTACH SUPPORTING DOCUMENTATION**:

- { } YES { } NO Does the site contain any Jurisdictional Wetlands?
- { } YES { } NO Do you plan to have an irrigation system now or in the future?
- { } YES { } NO Does or will the building contain any drains? Please explain. _____
- { } YES { } NO Are there any existing wells, springs, waterlines or Wastewater Systems on this property?
- { } YES { } NO Is any wastewater going to be generated on the site other than domestic sewage?
- { } YES { } NO Is the site subject to approval by any other Public Agency?
- { } YES { } NO Are there any Easements or Right of Ways on this property?
- { } YES { } NO Does the site contain any existing water, cable, phone or underground electric lines?

If yes please call No Cuts at 800-632-4949 to locate the lines. This is a free service.

I Have Read This Application And Certify That The Information Provided Herein Is True, Complete And Correct. Authorized County And State Officials Are Granted Right Of Entry To Conduct Necessary Inspections To Determine Compliance With Applicable Laws And Rules.

I Understand That I Am Solely Responsible For The Proper Identification And Labeling Of All Property Lines And Corners And Making The Site Accessible So That A Complete Site Evaluation Can Be Performed.

David L. Caldwell
PROPERTY OWNERS OR OWNERS LEGAL REPRESENTATIVE SIGNATURE (REQUIRED)

11-17-15
DATE

Scott F. Cole
North Carolina Licensed Soil Scientist
312 Copples Road Ext.
Asheboro, NC 27205-0711
336.460.4554

Summey Engineering Associates
Attn: Mr. Mack Summey
PO Box 968
1342 E. Salisbury Street
Asheboro, NC 27203

November 2, 2015

Re: Site evaluation of existing conditions of Boone Trail Emergency Services; 7016 US 421 N, Lillington, NC, Harnett County, NC.

Mr. Summey,

Per your request, an evaluation of the existing septic tank system was conducted at the above-referenced property. This was completed as part of the review process for the proposed additions to the existing facility. This property is served by a public water supply (municipal water). Observations of the site visit are listed below.

OBSERVATIONS

- The existing septic system was installed as a repair on February 25, 2003 and records are on file with the Harnett County Environmental Health Department (Operation Permit #15490). Approximately 145 feet of nitrification line was installed by Mike Ray and inspected by Harnett County Environmental Health. Although there were no visible septic system malfunctions at the time of the inspection, the end of the drain line was very soft. These soft areas may be improved by making slight grading modifications to ensure more efficient draining of storm water from overtop the system. Probing did not reveal a free liquid surface with three (3) inches of the finished grade over the nitrification trench as described in *15A NCAC 18A .1961 Maintenance of Sewage Systems*. The entire length (145') of the existing nitrification trench was located and marked with yellow wire flags
- **Property boundary markings show that portions of the nitrification trench are either within ten (10) feet of the property line or off the property altogether. The required minimum property line separation is ten (10) feet (*15A NCAC 18A .1950 (a)12 Location of Sanitary Sewage Systems*).**
 - o Per *15A NCAC 18A .1938 (j)*, "the entire wastewater sewage system shall be on property owned or controlled by the person owning or controlling the system. Necessary easements, right of ways, or encroachment agreements, as applicable, shall be obtained prior to the issuance of a Construction Authorization for the system installation or repair".

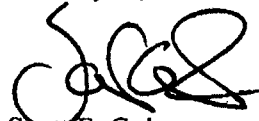
- Septic Tank: The septic tank is located 7 feet, 3 inches (7'3") from left rear of building and is easily identified with the above-grade riser. The septic tank is 30 inches below ground surface.
- Pump Tank: The pump tank is located in the same vicinity as the septic tank and is easily identified with the above-grade riser and above grade alarm panel. The pump tank is 40 inches below ground surface. Please note that per *15A NCAC 18A .1954 (a)11* ***Minimum Standards for Precast Reinforced Concrete Tanks, "Additional reinforcement shall be required when the loads on a concrete tank, riser, or riser cover are exceeded by subjecting it to vehicular traffic or when the top of the tank is placed deeper than three feet below the finished grade". Pump tank specifications are not included on the Harnett County Operations Permit to determine if this tank meets this requirement.***
- A short wood stake labeled as "down guy" was driven into the ground at the beginning of the nitrification line within 10-15' of the power pole at the rear of the property. Installation of a utility guy wire anchor could have a negative effect on the septic nitrification line. This issue should be discussed with the organization providing electrical service to this facility.

CONCLUSIONS

Please note that building foundations are to be separated a minimum of five (5) feet from any portion of the septic system, which includes the septic tank, pump tank, supply/pump line and nitrification drain line. The proposed office addition was not staked at the time of the site inspection. It is strongly recommended to ensure that the minimum setback requirements are met prior to the beginning of this project.

I am pleased to be of service in this matter and can be contacted at your convenience should there be questions about information contained within this report.

Thank you,



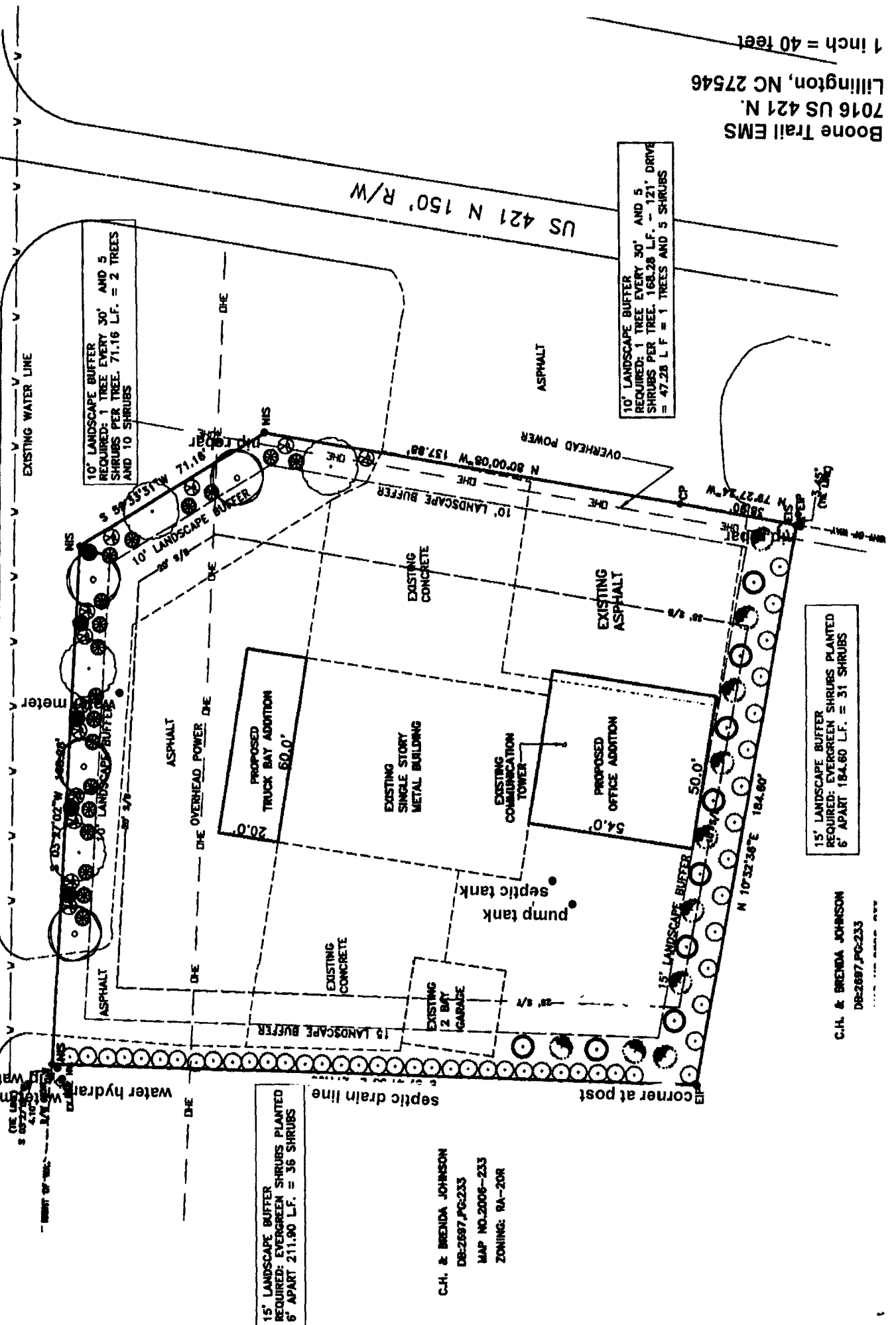
Scott F. Cole

North Carolina Licensed Soil Scientist



Reno Sharps Store Road

NCSR 1265 (COOL SPRINGS RD.) 60' / 70' R/W



15' LANDSCAPE BUFFER
REQUIRED: EVERGREEN SHRUBS PLANTED
6" APART 211.90 L.F. = 36 SHRUBS

C.H. & BRENDA JOHNSON
DB-2687.PG-233
MAP NO.2006-233
ZONING: RA-20R

15' LANDSCAPE BUFFER
REQUIRED: EVERGREEN SHRUBS PLANTED
6" APART 184.80 L.F. = 31 SHRUBS

10' LANDSCAPE BUFFER
REQUIRED: 1 TREE EVERY 30' AND 5
SHRUBS PER TREE. 168.28 L.F. = 121' DRIVE
= 47.28 L.F. = 1 TREES AND 5 SHRUBS

Boone Trail EMS
7016 US 421 N.
Lillington, NC 27546
1 inch = 40 feet

C.H. & BRENDA JOHNSON
DB-2687.PG-233