

Initial Application Date: 10/5/09

Application # 0950022985

CU _____

COUNTY OF HARNETT RESIDENTIAL 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: Russell Jay Lamm Mailing Address: 389 SILAS MOORE RD
City: COATS State: N.C. Zip: 27521 Home #: 919-207-0252 Contact #: JAY or CATHY Lamm

APPLICANT: Russell Jay Lamm Mailing Address: _____

City: _____ State: _____ Zip: _____ Home #: _____ Contact #: _____

*Please fill out applicant information if different than landowner

CONTACT NAME APPLYING IN OFFICE: _____ Phone #: _____

PROPERTY LOCATION: Subdivision: Bobby Pope Lot #: A Lot Size: 1.86 AC

State Road #: 1554 State Road Name: Johnson Rd Map Book & Page: 2001, 609

Parcel: 07 1509 0526 01 PIN: 1601-82-5786 000

Zoning: B30 Flood Zone: X Watershed: NA Deed Book & Page: 1514, 750 Power Company: _____

SPECIFIC DIRECTIONS TO THE PROPERTY FROM LILLINGTON: TAKE Hwy 421 TO Hwy 27 TO
COATS N.C., GO THRU COATS TOWARD BENSON, TAKE
EBENEZER Church Rd TO 1ST CROSSROADS, TAKE LEFT ON
JOHNSON Rd, 1ST HOUSE ON RIGHT.

PROPOSED USE:

(Include Bonus room as a bedroom if it has a closet)

Circle:

- ☐ SFD (Size _____ x _____) # Bedrooms _____ # Baths _____ Basement (w/wo bath) _____ Garage _____ Deck _____ Crawl Space / Slab _____
☐ Mod (Size _____ x _____) # Bedrooms _____ # Baths _____ Basement (w/wo bath) _____ Garage _____ Site Built Deck _____ ON Frame / OFF _____
☐ Manufactured Home: _____ SW _____ DW _____ TW (Size _____ x _____) # Bedrooms _____ Garage _____ (site built?) _____ Deck _____ (site built?) _____
☐ Duplex (Size _____ x _____) No. Buildings _____ No. Bedrooms/Unit _____
☐ Home Occupation # Rooms _____ Use _____ Hours of Operation: _____ # Employees _____
☒ Addition/Accessory Other (Size _____ x _____) Use Adding Drain line only Closets in addition () yes () no

Water Supply: () County () Well (No. dwellings _____) **MUST** have operable water before final

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

Property owner of this tract of land own land that contains a manufactured home w/in five hundred feet (500') of tract listed above? () YES () NO

Structures (existing or proposed): Single family dwellings 1 exs Manufactured Homes _____ Other (specify) _____

Comments:

Will use house fgs to make septic area

Required Residential Property Line Setbacks:

	Minimum	Actual
Front	<u>5</u>	<u>5</u>
Rear	<u>5</u>	<u>5</u>
Closest Side	<u>5</u>	<u>5</u>
Sidestreet/corner lot	<u>5</u>	<u>5</u>
Nearest Building on same lot	<u>5</u>	<u>5</u>

Customer is wanting to add
Drain line only. Selling
home - there are 2 exs BDR
and the payer wants to make
sure the room upstairs can
be used as a 3BDR. There
is not a closet in this BDR @ this
time

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.

Russell Jay Lamm
Signature of Owner or Owner's Agent

10/5/09
Date

This application expires 6 months from the initial date if no permits have been issued

A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) AND PLAT ARE REQUIRED WHEN APPLYING FOR LAND USE APPLICATION
Please use Blue or Black Ink ONLY

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, 266 Old Coats Road

Lillington, NC 27546-0400

Phone (910) 893-8743 / Fax (910) 893-3594

E-mail: service@halowensoil.com

2 October 2009

Mr. Jay Lamm
389 Silas Moore Road
Coats, NC 27521

Reference: Existing System Investigation
Estate of William Russell Lamm
NC PIN 1601-82-5786

Dear Mr. Lamm,

A site investigation has been conducted for the above referenced property, located on the eastern side of Johnson Road (SR 1554), Grove Township, Harnett County, North Carolina. The purpose of the investigation was to determine the existence of a subsurface sewage waste disposal system and to make surface observations relative to its apparent operation. All soil ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". Public water supply appears to be in use at the property.

It is my understanding that you wish to classify the existing home as a three bedroom home, and the existing septic system needs to be modified to support a daily flow of 360 gallons. The existing septic system appeared to be functioning properly on the day of the investigation and appears to be located within any setback requirements for this property (see attached map). Subsurface auger borings confirmed the location of the gravel nitrification lines beside the home, as indicated on the Operations Permit (copy attached). The septic tank does not need to be modified. The permit indicates that three 70-foot long lines were installed which corresponds to a long term application rate of 0.38 gallons per day per square foot. A soil investigation was conducted immediately below the lower drainlines and additional usable soil area was observed. Near the home the soils were sandier and appeared adequate to support a long term application rate of 0.5 gallons per day per square foot, but further from the home the soils were friable sandy clay loams and appeared adequate to a long term application rate of 0.4 gallons per day per square foot. **It appears that the addition of one seventy foot long drainline below the existing system would be adequate to provide the septic needs of a three bedroom home.** The use of an accepted status product (EZ Flow or chambers) but without the 25% reduction is recommendable. These products are easier to install in an existing system situation and cause much less impact to the remainder of the yard.

This is a good opportunity to have the septic tank pumped out and inspected. Practicing water conservation in the home, such as promptly repairing leaky fixtures and running washing machines and dishwashers only when full, will help to avoid overloading the septic system. Also, disposal of oils, fats, and grease into the septic system should be avoided because they could clog drainlines and conveyance pipes. A list of other useful suggestions is attached for your use.

It also appears that an adequate amount of provisionally suitable soil exists on this lot to 100 % repair a three-bedroom system if it should fail. The area in the northwestern corner (above the driveway) appears adequate to support 100% repair, utilizing an effluent pump to a drainfield designed for serial distribution to 300 feet of gravel or accepted status drainlines installed with ditch bottoms 18 to 24 inches below surface. The soils in this northwestern corner appear adequate to support an application rate of 0.4 gallons per day per square foot.

The area in front of the home (see map) appears adequate to support about 200 feet of conventional drainline installed 12 to 18 inches below surface. The soils are not as good here so this represents only about half of one system. The front yard typically has little competition for other uses and can easily be designated to serve as the repair area for the septic system.

An additional area of usable soil exists in the northeastern portion of the lot but is encumbered by landscape position, complex slopes and possibly competition from other uses (storage buildings, work shop etc.).

However, some additional repair area is available south of the existing system that could be utilized without the need for a pump. The existing nitrification lines could be modified by extending them each 50 to 55 feet, but not within 10 feet of the property line. It may also be possible to install a second drainline below the existing drainfield, but this area may become too wet and has complex surface topography. Additional investigation and system layout is needed to better determine how many additional drainlines can be installed below the existing system.

I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.



Sincerely,

A handwritten signature in black ink that reads 'Hal Owen'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

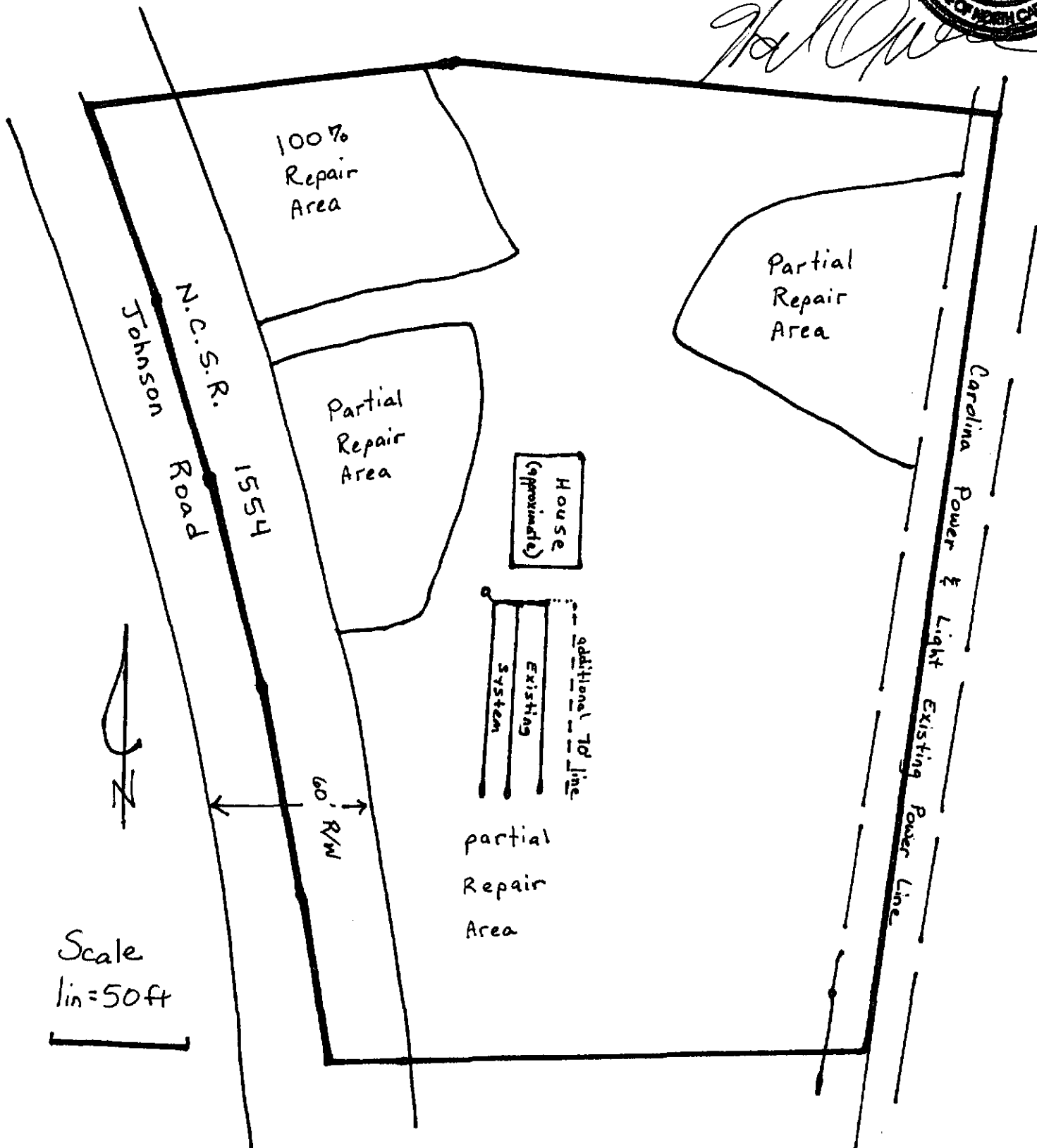
Hal Owen
Licensed Soil Scientist

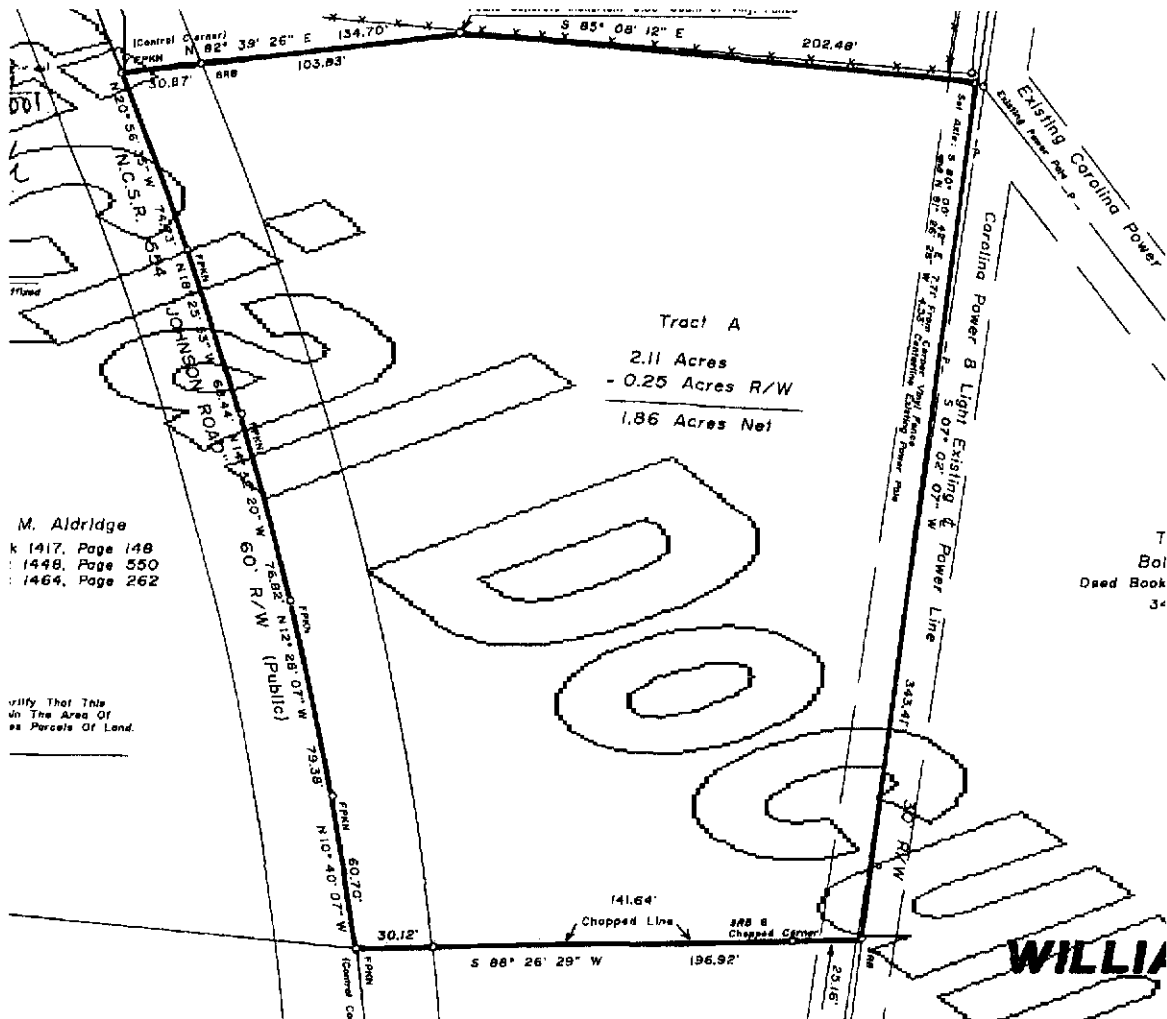
Soil and Existing System Investigation
for Jay Lamm (NC PIN 1601-82-5786)

~~Sept~~ 2 October 2009



Handwritten signature: Hal Owen





M. Aldridge
 k 1417, Page 148
 : 1448, Page 550
 : 1464, Page 262

Verify That This
 is The Area Of
 as Parcells Of Land.

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 34

NAME: Russell Jay Lamm

APPLICATION #: 28985

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)

☐ **Environmental Health New Septic Systems Test** Code 800

- 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 structure site. Use additional flags to outline driveways, garages, decks, out buildings, swimming pools, etc. Place flags per site plan developed at/for Central Permitting.
- Place Environmental Health "orange" card in location that is easily viewed from road.
- 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.*
- Call No Cuts to locate utility lines prior to scheduling inspection. 800-632-4949 (This is a free service)
- After preparing proposed site call the voice permitting system at 910-893-7525 and use code 800 (after selecting notification permit if multiple permits) for Environmental Health confirmation. **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 permits.

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

- Place Environmental Health "orange" card in location that is easily viewed from road. Follow above instructions for placing flags on property.
- Prepare for inspection by removing soil over door as diagram indicates. Loosen trap door cover. (Unless inspection is for a septic tank in a mobile home park)
- After preparing trapdoor call the voice permitting system at 910-893-7525 & select notification permit if multiple permits, then use code 800 for Environmental Health confirmation. **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.

Russell Jay Lamm
PROPERTY OWNERS OR OWNERS LEGAL REPRESENTATIVE SIGNATURE (REQUIRED)

10-5-09
DATE

HARNETT COUNTY, NORTH CAROLINA GIS/LAND RECORDS



Harnett County GIS
 305 W. Cornelius Hammett Blvd, Suite 100
 Lillington, NC 27546
 Phone: 910-893-7523
 WWW.HARNETT.ORG

Any use of this map shall be at the sole risk of the user of this map. Although, all effort has been taken to insure accuracy in the data presented, Harnett County makes no warranty, expressed or implied, as to the accuracy of this information represented herein. Any user of this product shall hold harmless Harnett County, its elected officials, employees, and agents from and against any claim, damage, loss, action, cause of action, or liability arising from the use of this GIS product.



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 roads
 Centerline
 Parcels
 Major Roads
 HarnettCountywideOrt-
 ho2008v2.sld



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