

Initial Application Date: 04/03/2015 7-13-15

Application # 1550035834R
CU# SCANNED

COUNTY OF HARNETT RESIDENTIAL LAND USE APPLICATION
Central Permitting 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 ext:2 Fax: (910) 893-2793 www.harnett.org/permits

"A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION"

LANDOWNER: Scott and Vikki Lisec Mailing Address: 123 Caledonia Lane
City: Clayton State: NC Zip: 27520 Contact No: _____ Email: svlisec@nc.rr.com

APPLICANT: Vikki Lisec Mailing Address: 123 Caledonia Lane
City: Clayton State: NC Zip: 27520 Contact No: _____ Email: svlisec@nc.rr.com

*Please fill out applicant information if different than landowner

CONTACT NAME APPLYING IN OFFICE: Vikki Lisec Phone # 919-802-8942 (cell)

PROPERTY LOCATION: Subdivision: Post Inn Estates Lot #: 10 Lot Size: .59 acres
State Road # 118 State Road Name: Bryan Godwin Court, Erwin, NC Map Book & Page: C#F1807-A
Parcel: 07-0588-0034-10 PIN: 0588-73-7427

Zoning: RA30 Flood Zone: _____ Watershed: _____ Deed Book & Page: 307, 1818 Power Company*: Duke Energy

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

PROPOSED USE:

SFD: (Size 30 x 72) # Bedrooms: 5 # Baths: 4 Basement (w/wo bath): _____ Garage: _____ Deck: _____ Crawl Space: _____ Slab: Monolithic
(Is the bonus room finished? () yes () no w/ a closet? () yes () no (if yes add in with # bedrooms)

Mod: (Size _____ x _____) # Bedrooms _____ # Baths _____ Basement (w/wo bath) _____ Garage: _____ Site Built Deck: _____ On Frame _____ Off Frame _____
(Is the second floor finished? () yes () no Any other site built additions? () yes () no

Manufactured Home: _____ SW _____ DW _____ TW (Size _____ x _____) # Bedrooms: _____ Garage: _____ (site built? _____) Deck: _____ (site built? _____)

Duplex: (Size _____ x _____) No. Buildings: _____ No. Bedrooms Per Unit: _____

Home Occupation: # Rooms: _____ Use: _____ Hours of Operation: _____ #Employees: _____

Addition/Accessory/Other: (Size _____ x _____) Use: _____ Closets in addition? () yes () no

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

Does owner of this tract of land, own land that contains a manufactured home within five hundred feet (500') of tract listed above? () yes () no

Does the property contain any easements whether underground or overhead () yes () no

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

Required Residential Property Line Setbacks:

Front Minimum 35 Actual _____
Rear 30 _____
Closest Side 15 _____
Sidestreet/corner lot _____
Nearest Building on same lot _____

Comments: NO Fee

SPECIFIC DIRECTIONS TO THE PROPERTY FROM LILLINGTON: Take 421 past Campbell University and small county airport. Turn
Right On Old Stage Road. Turn Left on Bryan Godwin Court.

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.

Vikki K. Lisee
Signature of Owner or Owner's Agent

4/3/2015

Date

*****It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.*****

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

July 7, 2015

Mr. Ron Griggs
VALUE BUILD HOMES, INC.
3015 Old Jefferson Davis Highway
Sanford, North Carolina 27332

Ron:

This report concerns the soils and site investigations on lot 10 in Post Inn Estates located on Old Stage Road just west of Avery Road in Harnett County. The investigations were conducted to determine the area that has been impacted by excavation of soil materials and to propose some remedial measures to render the impacted area usable for a repair area septic system drainfield. Most of the impacted area is in the front yard which is the proposed location for the repair drainfields. The property identification number (pin) is 0588737427.

The attached sketch map shows the approximate locations of the existing house and garage as currently located on the lot and a proposed location for the driveway and associated parking areas. This map was prepared using property information and Aerial photography obtained from the Harnett County GIS web site. The topographic contours (2 ft. interval-LIDAR) were obtained from the NC DOT GIS web site.

SOILS

The soils on the front section of this lot typically have grayish brown and light yellowish brown fine sandy loam to sandy loam surface layers 8 to 10 inches thick. The underlying subsoils are yellowish brown clay loam to sandy clay loam that are mottled with yellowish red in the lower part. The subsoils exhibit soil structure and are free of seasonal wetness indicators within the upper 36 inches or more of the soil profiles. These soils will classify provisionally suitable for standard conventional septic system drainfields. The sewage loading rates is estimated to range from 0.35 to 0.40 gal./sq. ft. of trench bottom.

DISTURBED SOILS

The disturbed soils areas on the front of the lot are shown as an excavation and water that is ponded in the lowest part of the excavation. The deepest part of the excavation is approximately 2 ft. below the surrounding soil surface in the area of standing water. The edges of the excavation slope outward to the edge. Rough calculations indicate that approximately 50 cu yds of soil materials have been removed from the site. Approximately half of this consists of clay loam subsoil materials.

SOIL MAPPING • SITE INVESTIGATION • LAND RESOURCE DATA EVALUATION

Licensed Soil Scientist

RECOMMENDATIONS

This excavated area needs to be renovated because it will be necessary to install segments of repair drainfield trenches in the area to accommodate the drainfield as permitted. The excavation needs to be back-filled in a manner that will not drastically alter the functioning of the soil for septic system drainfields. The backfill material needs to have a similar texture as the existing topsoil on the lot. Possible sources for this material would be the soil removed for the driveway and parking pad areas. Also house foundation sites on adjacent lots can also be used as borrow sites. The excavation needs to be properly prepared to receive the fill materials and the fill needs to be installed according to the following plan:

1. Water as well as the muddy residue needs to be removed from the excavation and the exposed soil needs to allow dry to a moist but not saturated condition. This operation needs to be conducted during a period when there is a low probability precipitation for at least five consecutive days.
2. After drying the soil surface of the excavation needs to be scarified either by discing or manipulation by hand tools to loosen the surface and. The first 4 to 5 inches of fill needs to be incorporated into the underlying surface by discing or by manipulation by hand tools. The remaining fill needs to be installed in a manner to minimize serious compaction. The backfill materials needs to be in a relatively dry condition when installed. It is recommended that the fill be mounded approximately three inches above the excavation to allow for future settlement.
3. The fill surface needs to be stabilized either with sod or by planting a fast growing grass seed variety. It is also important that vehicular traffic be excluded from this area to avoid further compaction.

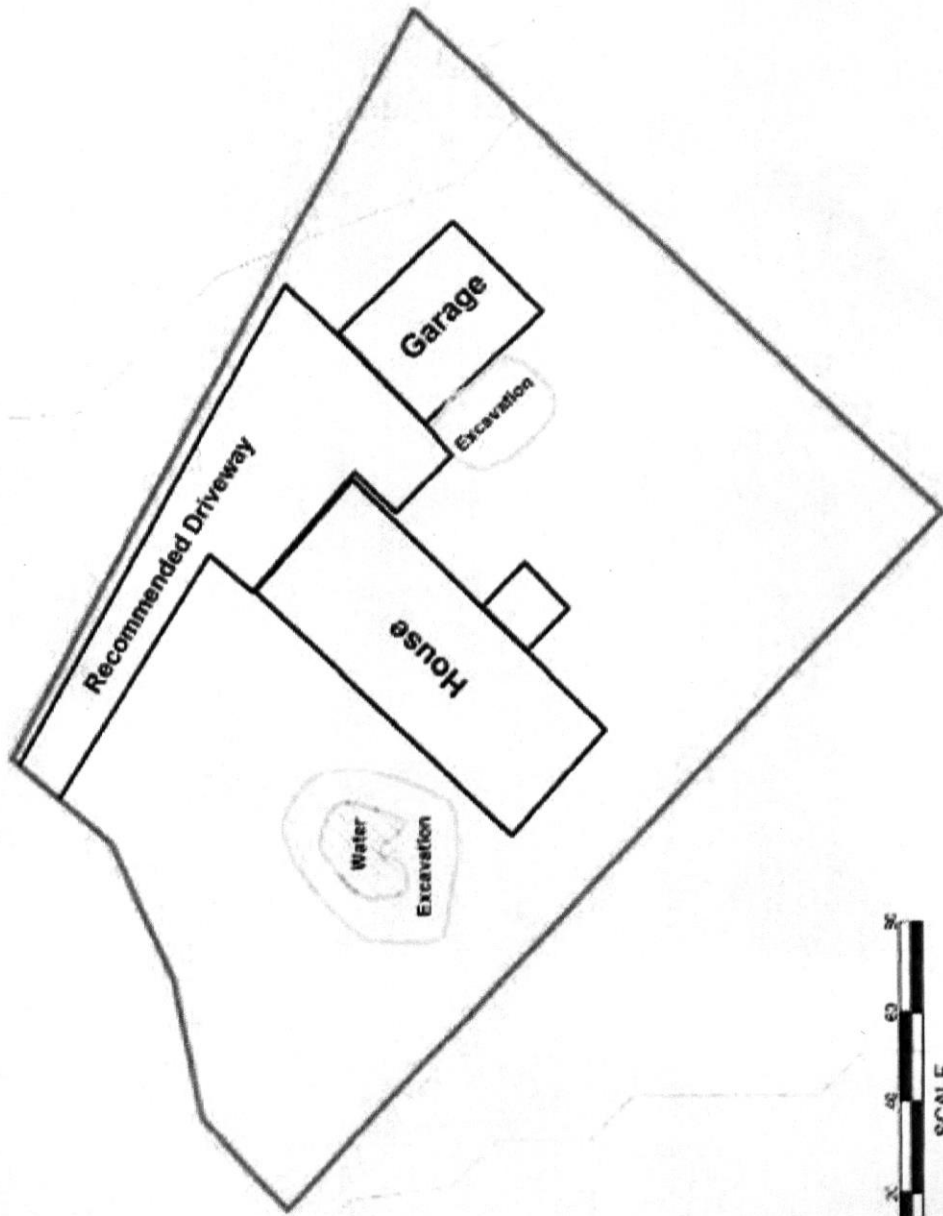
It is my opinion that the above recommendations should provide adequate measures to allow the soils to function properly for repair septic drainfields. An additional recommendation is that the driveway be shifted as far as possible to the left of the front of the lot to allow for a maximum possible area for drainfields on the front of the lot. The driveway as shown on the attached sketch plan meets the requirements of this recommendation.

Please call me if you want to discuss this proposal in more detail.

Sincerely

Daniel J. Bliley
Daniel J. Bliley
Licensed Soil Scientist





SCALE

Project: Lot 10 Post Inn Est.

Client: Ron Griggs

CAD File: Lisec

Scale: 1" = 40'

Date: July 4, 2015

Daniel J. Biley
 Soils and Land Use Consultant
 614 South Second Street - Smithfield NC 27577
 Phone/Fax: (919) 934-8610 - Email: dbiley1@nc.rr.com