

Initial Application Date: 4/24/18

Application # 1850043863
CU# _____

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: Ted Brown Mailing Address: 2927 Hillview grove Rd
City: Cameroon State: NC Zip: _____ Contact No: 910-940-0686 Email: _____

APPLICANT: Ted Brown Mailing Address: _____

City: _____ State: _____ Zip: _____ Contact No: _____ Email: _____
*Please fill out applicant information if different than landowner

CONTACT NAME APPLYING IN OFFICE: Ted Brown Phone # 910-940-0686

PROPERTY LOCATION: Subdivision: Yorksboro Lot #: 63 Lot Size: 4 Acres

State Road # _____ State Road Name: Yorkshire Dr Map Book & Page: 201895

Parcel: 099565005663 PIN: 9564-459652.000

Zoning: RA203 Flood Zone: F Watershed: III Deed Book & Page: 3569, 566 Power Company*: _____

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

PROPOSED USE:

SFD: (Size 50 x 50) # Bedrooms: 4 # Baths: 3 Basement(w/wo bath): 0 Garage: Deck: Crawl Space: Slab: _____ Slab: _____
(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: SFD Manufactured Homes: _____ Other (specify): _____

Required Residential Property Line Setbacks:

Front Minimum 35 Actual 60
Rear 25 120+
Closest Side 10 15
Sidestreet/corner lot _____
Nearest Building on same lot _____

Comments: _____

SPECIFIC DIRECTIONS TO THE PROPERTY FROM LILLINGTON: _____

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.

[Handwritten Signature]
Signature of Owner or Owner's Agent

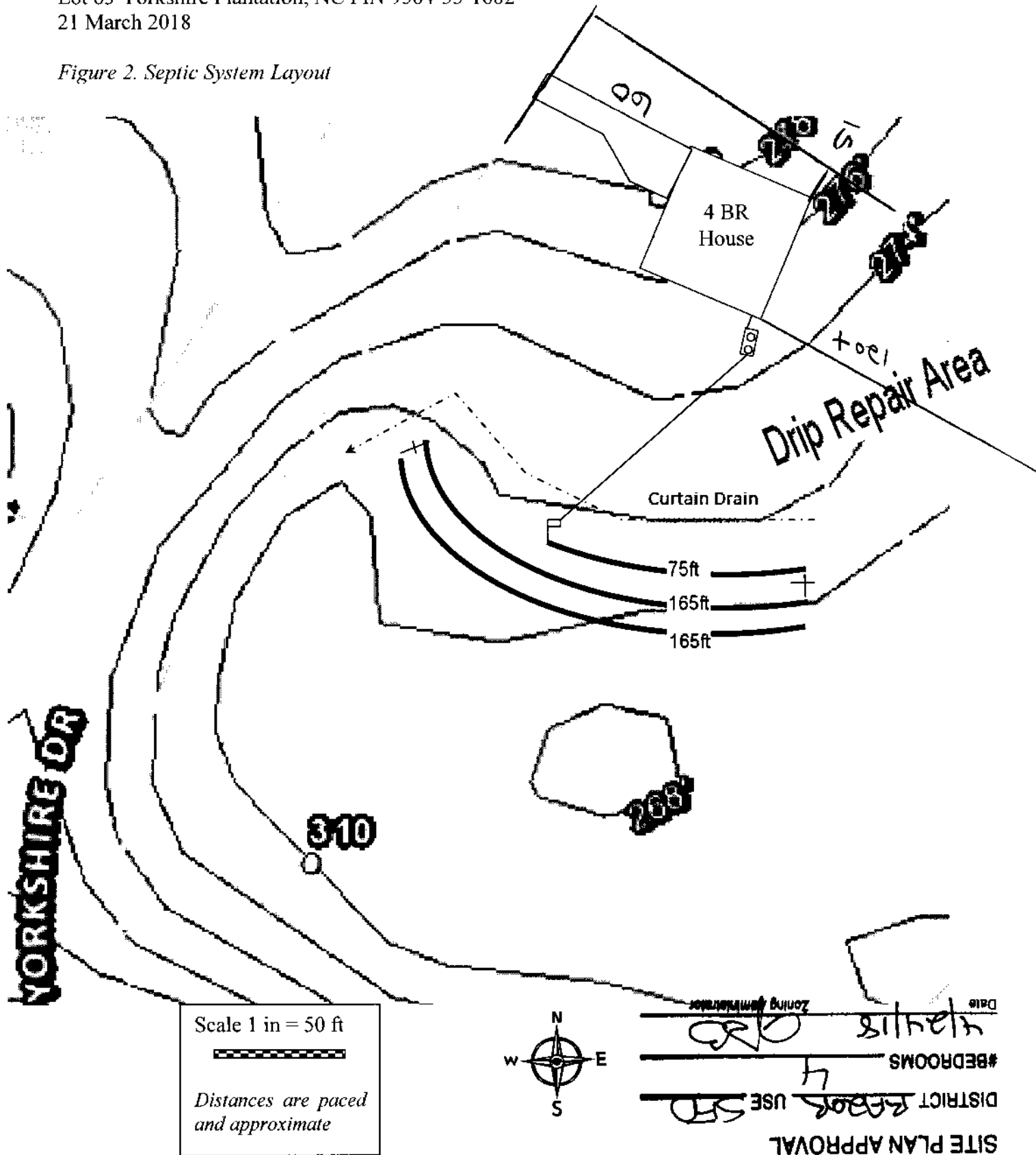
4-24-18
Date

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

Soil Investigation and Septic System Design
Lot 64 Yorkshire Plantation; NC PIN 9564-45-6899
Lot 63 Yorkshire Plantation; NC PIN 9564-55-1682
21 March 2018

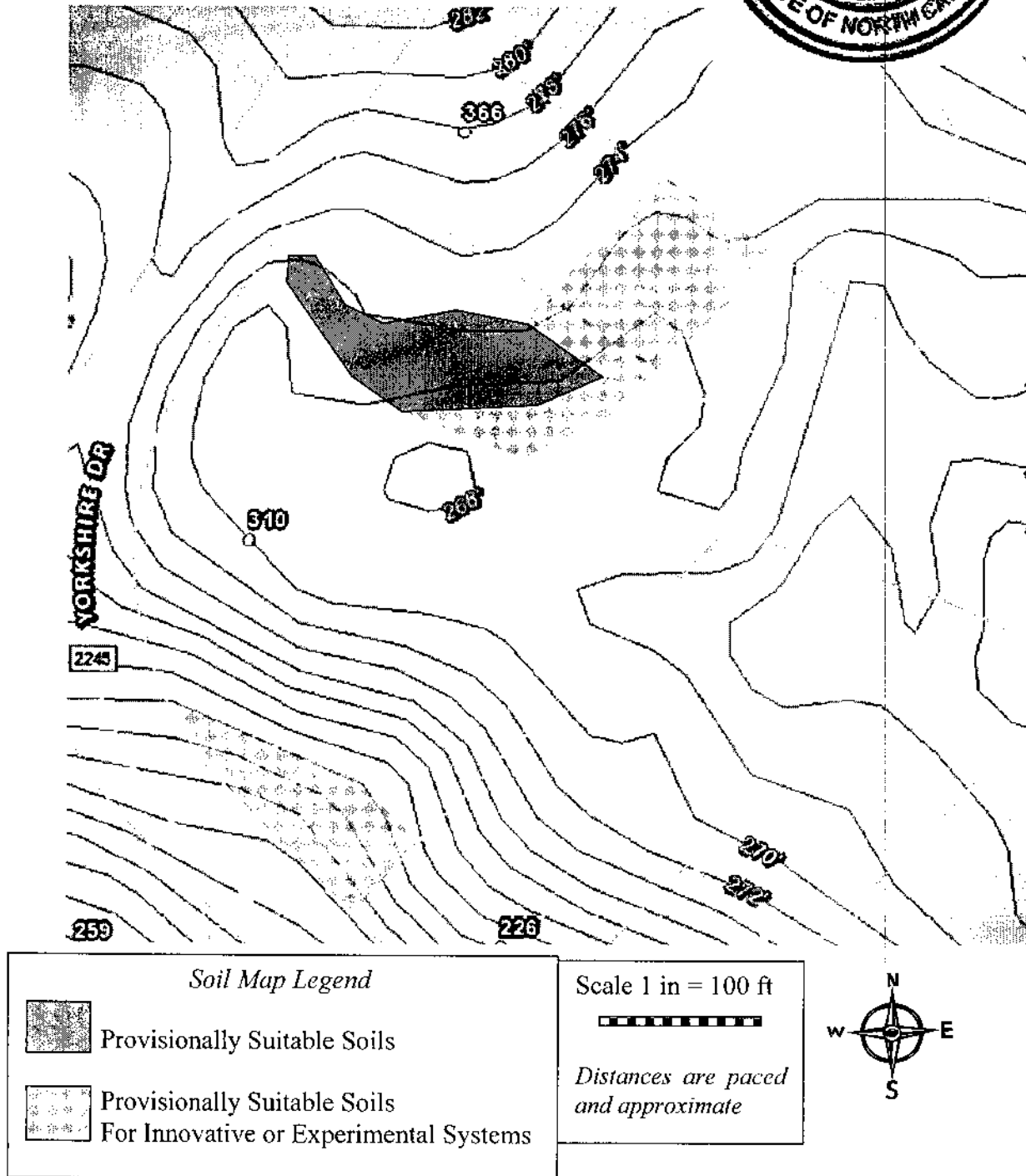
Figure 2. Septic System Layout



Soil Investigation and Septic System Design
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21 March 2018



Figure 1. Soil Map showing Septic Suitability



HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, Lillington NC 27546-0400

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

www.halowensoil.com

21 March 2018

Mr. Ted Brown
2927 Hillmon Grove Rd
Cameron, NC 28326

Reference: Soil Investigation and Septic System Design
Lot 64 Yorkshire Plantation; NC PIN 9564-45-6899
Lot 63 Yorkshire Plantation; NC PIN 9564-55-1682

Dear Mr. Brown,

A site investigation was conducted for the above referenced properties, which are located on the southeastern side of Yorkshire Drive in Harnett County, North Carolina. The purpose of the investigation was to determine the ability of these lots, when combined to form one lot, to support a subsurface sewage waste disposal system and 100% repair area for a typical four-bedroom home. Public water supplies will be utilized for this lot.

All ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". This report represents my professional opinion but does not guarantee or represent permit approval for any lot by the local Health Department. The permit you receive from the Health Department may contain some modifications or amendments to our submitted design. Please carefully review your permit and adhere to all prescribed requirements.

SOIL INVESTIGATION

The soils were evaluated under moist soil conditions through the advancing of auger borings. A portion of this lot was observed to be underlain by soils rated as provisionally suitable for modified or alternative subsurface sewage waste disposal (Figure 1). These soils were observed to be firm sandy clay loams to greater than 30 inches and will support long term acceptance rates of 0.4 gal/day/sqft.

A significant area of provisionally suitable soils for innovative or experimental systems was observed. These marginal soils are so rated due to limited usable soil depth to unsuitable layers. These soils are adequate to support subsurface drip systems installed with trench bottom depths at six inches below surface.

SEPTIC SYSTEM DESIGN

An initial septic system has been designed for a design flow of 480 gallons per day (Figure 2) utilizing a long term application rate of 0.4 gal/day/ft². Effluent will gravity flow to 405 feet of conventional drainline. Serial distribution will be used to distribute effluent to three variable length drainlines, with step-downs or drop boxes installed at the connections between the lines. The top two drainlines should be installed on contour with trench bottom depths at 18 inches below surface, and the bottom line should be installed on contour with trench bottom depths at 12 inches.

A curtain drain should be installed above the drainfield to divert water away from the system. The curtain drain will be about 155 feet long and should be installed at least 2.5 feet below surface.

Potential septic system drainlines have been demonstrated with various colored pin flags that are located on the lot. It is important that you do not disturb the septic system area. It is recommended that a staked line or protective fence be placed around the system prior to construction to eliminate any potential damage to the soil or the layout of the system.

The repair septic system is proposed as a subsurface drip system. The drainlines should be installed on contour with trench bottom depths at 6 inches below surface.

This report and the attached septic system design information will need to be submitted to the Harnett County Health Department for review and the permitting process. 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 written in a cursive, flowing style.

Hal Owen
Licensed Soil Scientist

NAME: Ted Brown

APPLICATION #: _____

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.

Ted Brown

4-26-18

PROPERTY OWNERS OR OWNERS LEGAL REPRESENTATIVE SIGNATURE (REQUIRED)

DATE

HARNETT COUNTY CASH RECEIPTS

*** CUSTOMER RECEIPT ***

Oper: JBROCK Type: CP Drawer: 1
Date: 4/24/18 52 Receipt no: 331312

Year	Number	Amount
2018	50043863	
91749	TECH 2	
LILLINGTON, NC	27546	
B4	BP - ENV HEALTH FEES	\$750.00

NEW TANK

TED BROWN

Tender detail		
CK CHECK PAYMEN	3739	\$750.00
Total tendered		\$750.00
Total payment		\$750.00

Trans date: 4/24/18 Time: 12:20:21

** THANK YOU FOR YOUR PAYMENT **