



**County of Wayne
Environmental Health
Department**
134 North John Street
Goldsboro, NC 27530

Permit NO.: EH-IMPROV-2411-00967
Permit Type: EH - Septic Improvement
Work Classification: EH - New Septic System
Permit Status: Issued

Township: 10 State Road: 1535/2

Location Address	Parcel Number
101 LUCKY LN (Bartlett Farm - Lot 2), PIKEVILLE, NC 27863	3633401293

Contacts

RRT Development, LLC P.O. Box 190, Clayton, NC 27520 (919)880-0058	Owner dennispeacock@carolinacomfortair.com
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Description: Bartlett Farm - Lot 2

Inspection Requests:
 Inspections: 919-731-1169 / Planning: 919-731-1650 /
 Environmental Health: 919-731-1174

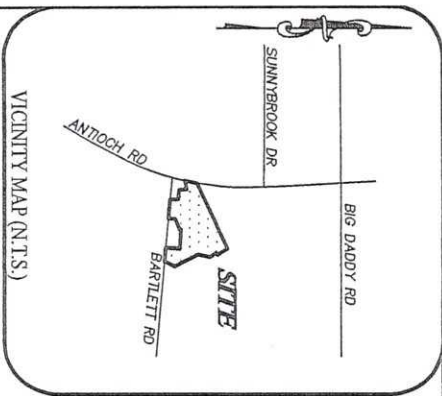
Fees	Amount
EH - SEPTIC - Improvements (Pump Required)	\$50.00
EH - SEPTIC - Improvements New	\$350.00
Total:	\$400.00

Payments	Amt Paid
Total Fees	\$400.00
Check # 002792	\$350.00
Amount Due:	\$50.00

Inspection Type	Environmental Health Specialist	Date Issued	Exp Date	Status
EH - IP (Improvements Permit)				
EH - CA (Construction Authorization)	<i>D. Morris</i>	4-30-25	4-30-25	OK
EH - OP (Operation Permit)				

Additional Information

Water Source: Public
Type of Establishment: Residential Dwelling Units
Multiple Dwelling Units: No
Unit Type: Bedrooms
Unit_Count: 3
Property Notes: TRENCHES START AT 18" END AT 12". COVER NEEDED OVER END OF DRAINLINES.
Septic GPD: 360
System Classification: Type III - Other Non-Conventional Trench System
Other: 25% Reduction system
Line Length: 4(75x3)
Line Depth: 18
Nitrification Square Feet: 900
Tank #1: Septic Tank
Tank #1 Size: 1000
Tank #2: Pump Tank
Tank #2 Size: 1000
Pump Required?: Yes
System Notes: TRENCHES START AT 18" END AT 12". COVER NEEDED OVER END OF DRAINLINES.



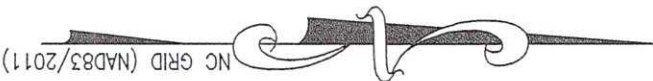
Note 'A'
This property is located in Zone 'X' (minimal flood risk) and is not within a Special Flood Hazard Area
FIRM # 3720363300K
Panel # 3633
Effective Date: 6/20/2018

Note 'B'
All distances are horizontal ground unless otherwise stated

Note 'C'
All areas computed by coordinate method

Note 'D'
The parcel(s) shown hereon are subject to any' and all easements, rights of way and restrictions of record

Note 'E'
Underground utilities were not considered on this survey



LOT 1
N/F
RRT DEVELOPMENT LLC
PIN: 3633401293
DB 3890 PG 797

N 05°59'45" W 107.00'

S 83°14'45" E 135.00'

N 05°59'45" W 116.51'

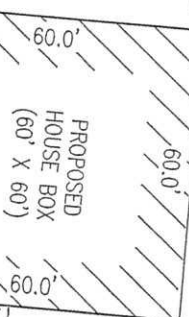
N/F
SMITH, PATRICK & SAMANTHA
PIN: 3633305092
DB 3951 PG 234

CURVE RADIUS	ARC	CHORD	CHORD BRG
C1	325.00'	6.95'	N 05°43'58" E

- LEGEND**
- EXISTING IRON ROD
 - EXISTING CONCRETE MONUMENT
 - ⊕ AXLE
 - △ CALCULATED/SET POINT
 - BOUNDARY LINE
 - - - ADJOINER LINE
 - - - SETBACK LINE

LOT 3
N/F
RRT DEVELOPMENT LLC
PIN: 3633401293
DB 3890 PG 797

N 65°17'54" W 386.94'



10'x10' SIGN EASEMENT

POWER POLE (TTP)

S 84°52'46" E 190.61'

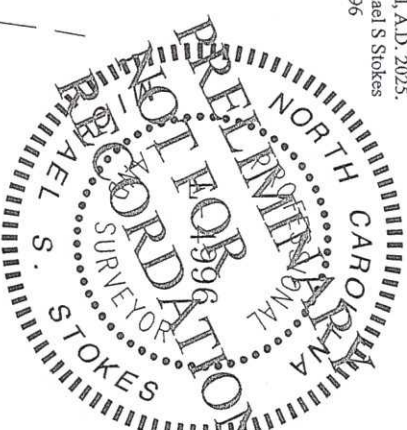
LUCKY LANE
50' PUBLIC R/W

N 05°07'14" E 112.97'

10'x70' SIGHT TRIANGLE

I, Michael S. Stokes, Professional Land Surveyor certify that this survey complies with the North Carolina Standards of Practice for Surveying Section 1600; that this is a class A survey, meeting the criteria of precision greater than 1:10,000; that conventional field procedure with DB 3890/797 was utilized; that all units are U.S. Survey Feet unless otherwise stated; that all distances are ground distances unless otherwise stated. Any Easements, gaps, lappages, or encroachments are shown on this survey; that all areas were computed by coordinate method. This survey is not to be recorded without written permission from the surveyor. This map remains the property of the surveyor and is to be used only for conveyance of this lot by the person(s) shown on this map.

Witness my original signature,
registration number and seal this
7th day of April, A.D. 2025.
Surveyor: Michael S Stokes
License # L-4996



REFERENCES
SUBDIVISION PLAT YET TO BE RECORDED
DB 3890, PAGE 797
PB 1-B PAGE 156
OTHER REFERENCES SHOWN HEREON

§17 DATA:
FRONT SETBACK: 30'6"
SIDE SETBACK: 10'
REAR SETBACK: 25'

STOKES
SURVEYING & MAPPING, PLLC

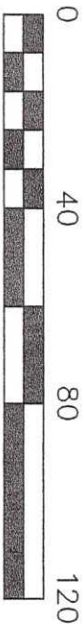
Firm License # P-1139
1425-105 B Rock Quarry Rd.
Raleigh, NC 27610
(919)-971-7897
www.stokes-surveying.com

Neuse River Homes LLC.

Plot Plan Survey for:

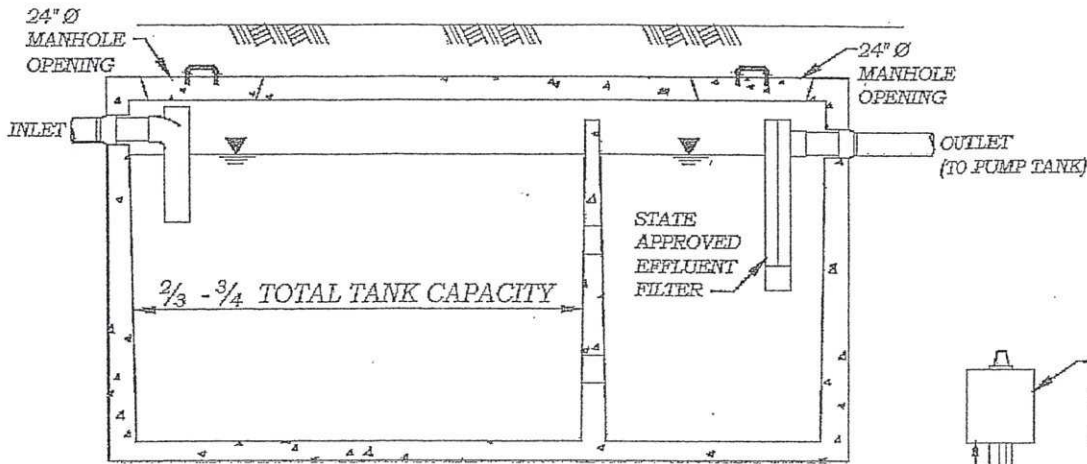
Lot 2 Bartlett Farm Subdivision
Pikeville Twp., Wayne County, North Carolina
Being the Property Located at:
101 Lucky Lane, Pikeville

SCALE 1" = 40'

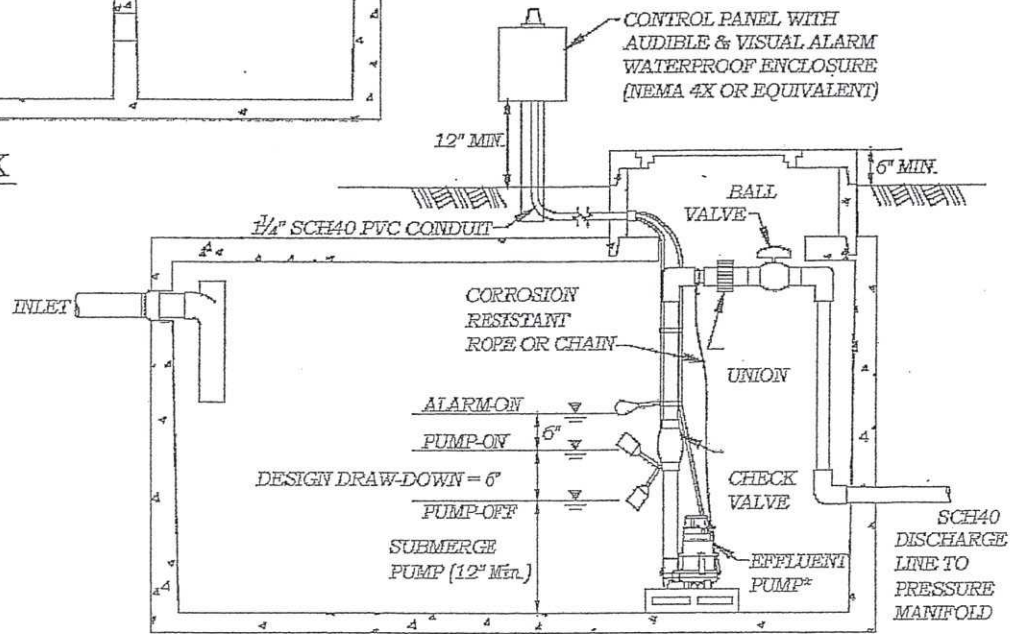


BARTLETT ROAD - NCSR 1575
60' PUBLIC R/W

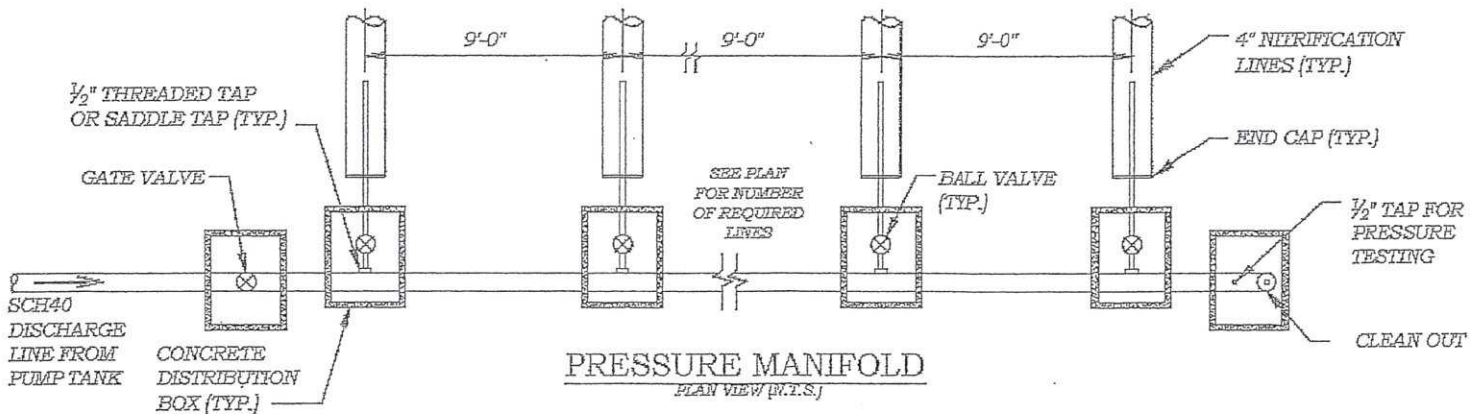
WAYNE COUNTY SEPTIC SYSTEM WITH EFFLUENT PUMP REQUIREMENTS



SEPTIC TANK



PUMP TANK



PRESSURE MANIFOLD
PLAN VIEW [P.T.S.]

Supply line diameter 2 inches.

Pump rating: Pump must be rated to deliver 30 gallons per minute against 10' Total Dynamic Head.

Pressure manifold diameter must be 2 or 3 inches.

Pressure head at the pressure manifold must be 2 -3 feet.

Conduit from tank to NEMA 4X control panel shall be sealed at both ends.

Wayne County Health Department
Application Addendum

Survey plat to scale* submitted
 Scaled* site plan submitted
 Unscaled site plan submitted
 *scale of 1" = no more than 60'

- Improvement Permit Authorization to Construct

IF THE INFORMATION IN THE APPLICATION FOR AN IMPROVEMENTS PERMIT IS FALSIFIED, CHANGED, OR THE SITE IS ALTERED, THEN THE IMPROVEMENTS PERMIT AND AUTHORIZATION TO CONSTRUCT SHALL BECOME INVALID. THE PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. (COMPLTE SITE PLAN = 60 MONTHS; COMPLTE PLAT = WITHOUT EXPIRATION)

Site plan or Plat must show:

- Property Lines with Dimensions
- Driveway
- Proposed well or water line location
- Location of all proposed structures including garage or pool
- Where you want your septic system
- Streams or other Surface waters

BRT Development 919-333-1069
 Current Property Owner Address Phone #
Bartlett Road Pikeville Bartlett Farms 2
 Site Address Subdivision Name Section/Phase/Lot#

DEVELOPMENT INFORMATION:

- New Single Family Residence
- Expansion of Existing System
- Repair to Existing Subsurface Sewage Disposal System
- Non-Residential Type of Structure

Residential Specifications:

Maximum # of bedrooms: 2 ✓
 Maximum # of occupants: 2 ✓
 If expansion: Current # of bedrooms: _____
 Proposed expansion _____
Public or Private Water
 Source: public

Non-Residential Specifications:

Type of Business: _____ Total Square Footage of Building: _____
 Maximum # of Employees: _____ Maximum # of Seats: _____
 Date Property with current boundaries was originally deeded & recorded: _____



If applying for Authorization to Construct, please indicate desired system types:
(Systems can be ranked in order of your preference)

- Conventional (gravel) Innovative (chamber, polystyrene, tire chips, multipipe, peat, sand, filter, drip, etc.)
 Any Accepted (certain chamber or polystyrene) Other (specify) _____

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 to any question is "yes", applicant must attach supporting documentation.

- yes no Does the site contain any jurisdictional wetlands?
- 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? - *final approval of commissioners*
- yes no Does property have Easements or Right of ways across it?
- yes no Are there any existing wells, springs, or waterlines on this property?

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.

 3/17/25
 Property owner's or owner's legal representative** signature (required) Date
 **Must provide documentation to support claim as owner's legal representative
 Property owner's or owner's legal representative email address: 

READ CAREFULLY AND SIGN BELOW

Our Environmental Health Specialists are anxious to assist you by evaluating your property. However, before we can evaluate your property we need your help. The following items are your responsibility:

- 1 For Improvement Permits without expiration: A RLS Plat; This is a property survey prepared by a Registered Land Surveyor, drawn to scale of one inch equals no more than 60 feet, that includes: Location of the proposed facility and appurtenances, site of proposed wastewater system, location of water supplies and surface waters, all irons must be in place.
- 2 Make the property accessible and visible, remove excessive vegetation and brush.
- 3 Identify all permanent property boundaries (corner and sidelines) with ribbons, stakes, flags, irons, etc.
- 4 Identify location of building site(s) and amenities (drives, swimming pools, our buildings) with ribbons stakes, flags, etc.
- 5 The issuance of the Improvements Permit in no way guarantees the issuance of other permits (e.g., building permits).
- 6 The Improvements Permit shall have no expiration date if the lot is officially surveyed and recorded, and is valid for 5 years if not. It is subject to revocation if the site plans or the intended use change. The authorization to construct shall be valid for 5 years from the date of the Improvements Permit.
- 7 An Operations Permit shall indicate the sewage system has been constructed to the standards set forth in the regulations, but shall in no way be taken as a guarantee that the system will function satisfactorily for any given period of time.

This permit is issued subject to compliance with subdivision and zoning regulations when applicable. To insure surface drainage, area in which nitrification field is installed must be landscaped properly with a "turtle-back" shaping of site and diversion of all surface runoff. Water from house gutters and downspouts must be diverted away from the septic tank system. Where artificial drainage has been installed to control the water table it must be maintained and downstream drainage outlets kept properly draining or malfunction of the septic tank will result. This permit does not constitute a warranty. This improvements permit does not negate or supercede any zoning restriction or restricted covenants in the chain of title. It is the responsibility of the permittee to determine whether or not such restrictions apply. Use of water-saving fixtures and plumbing is highly recommended. Wells should be located 100 ft. preferable from such sources of contamination such as building foundations chemically treated for pests, fuel tanks, animal pens, etc. This permit in no way guarantees the sewage disposal system or the functioning of the sewage disposal system.

- 8 The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.
- 9 This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit.

I understand this document is not an improvements permit or an authorization to construct a septic system. This document is only an application for an improvements permit. 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.

Signature: _____



(Owner/Applicant)

Date: _____

3/18/25

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
 (Complete all fields in full)

OWNER: RRT Development
 ADDRESS: PO Box 190
 PROPOSED FACILITY: 3 BR PROPOSED DESIGN FLOW (.0400): 360
 LOCATION OF SITE: Bartlett Farms lot 2
 WATER SUPPLY: Public Single Family Well Shared Well Spring Other _____
 EVALUATION METHOD: Auger Boring Pit Cut

APPLICATION DATE: 03/17/25
 DATE EVALUATED: 04/30/25
 PROPERTY SIZE: _____
 PROPERTY RECORDED: _____
 WATER SUPPLY SETBACK: _____
 TYPE OF WASTEWATER: Domestic High Strength IPWW

P R O F I L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)			OTHER PROFILE FACTORS				PROFILE CLASS & LTAR	.0502(d) SLOPE CORRECTION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ			
1 + 5	S 1-2%	0-12	LS	GR	SEXP VFR NSNP	SWC @ 30" 2.5Y 6/1	S	N/A	N/A	III 0.3	0
		12-30	CL	SBK	SEXP FR SSSP						
2 + 6	S 1-2%	0-8	LS	GR	SEXP VFR NSNP	SWC @ 30" 2.5Y 6/1	S	N/A	N/A	III 0.3	0
		8-30	CL	SBK	SEXP FR SSSP						
3	S 1-2%	0-11	LS	GR	SEXP VFR NSNP	SWC @ 30" 2.5Y 6/1	S	N/A	N/A	III 0.3	0
		11-30	CL	SBK	SEXP FR SSSP						
4	S 1-2%	0-9	LS	GR	SEXP VFR NSNP	SWC @ 30" 2.5Y 6/1	S	N/A	N/A	III 0.3	0
		9-30	CL	SBK	SEXP FR SSSP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>S</u> EVALUATED BY: <u>J. Morio - Chilton</u> OTHER(S) PRESENT: _____
Available Space (.0508)	S	S	
System Type(s)	III	PPBPS	
Site LTAR	0.3	0.3	
Maximum Trench Depth	18	14	

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL	LPP	MINERALOGY/ CONSISTENCE	STRUCTURE
			.1956 LTAR*	.1957 LTAR*		
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) FR (Prismatic)
CV (Convex Slope)		LS (Loamy Sand)				
D (Drainage Way)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		
DS (Dabris Slump)		L (Loam)				
FP (Flood Plain)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		
FS (Foot Slope)		SiCL (Silty Clay Loam)				
H (Head Slope)	IV	CL (Clay Loam)	0.4 - 0.1	0.2 - 0.05	MCSI VFR (Very Friable) FR (Friable) FI (Firm) VF (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
L (Linear Slope)		SCL (Sandy Clay Loam)				
N (Nose Slope)		SC (Sandy Clay)				
R (Ridge)		SiC (Silty Clay)				
S (Shoulder Slope)		C (Clay)				
T (Terrace)		O (Organic)	None	None		

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

NOTES
 HORIZON DEPTH: In inches below natural soil surface
 DEPTH OF FILL: In inches from land surface
 RESTRICTIVE HORIZON: Thickness and depth from land surface
 SAPROLITE: S (suitable) or U (unsuitable)
 SOIL WETNESS: Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
 CLASSIFICATION: S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)
 Evaluation of saporlite shall be by pits.
 Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

