

08.1002/242



Wayne County (Environmental) – Improvements Permit

301 N. Herman Street, Box CC, Goldsboro, NC 27530
 Phone:(919) 731-1174
 Fax:

Permit No: 21070104739 **Appl. Dt.:** 7/21/2021 **Exp. Dt.:** 7/21/2026
Status: PENDING **Status Dt.:** 5/7/2025

Owner Information

Name : Gander Lake Development Llc
Address : PO BOX 190
 Clayton NC 27528
Phone(W) :
Phone(H) :
Phone(M) :

Property Information

PIN # : 082663532756
Address : 110 Prosecco Dr
 Princeton NC 27569
Acreage : 0.40
Subdivision : Gander Lake #7
Lot # : 242
Directions :
Watershed district :

Site Details

System Classification : Type III
System Description : Other non-conventional trench sys
Line Length : 3(67x3)
Line Depth : 24.00
Nitrification Sq. Ft. : 603.00
Tank #1 : Septic Tank - 1000.00
Tank #2 : Pump Tank - 1000.00
Tank #3 :

Applicant Information

Name : Rrt Development
Address :
Phone(W) :
Phone(H) :
Phone(M) :

Occupant Information

Name : Gander Lake Development Llc

Water Details

System : New
Source : Public

Property Characteristics

Type of establishment : Residential dwelling units
Number of establishment : 4 Bedrooms
Septic GPD : 480
Basement : No
Basement Bath : No
Garbage Disposal : No
Multiple Dwelling Units : No
Property Notes : Max occupancy=8 people

Permit Information

Septic System Requested :
System Description Requested :

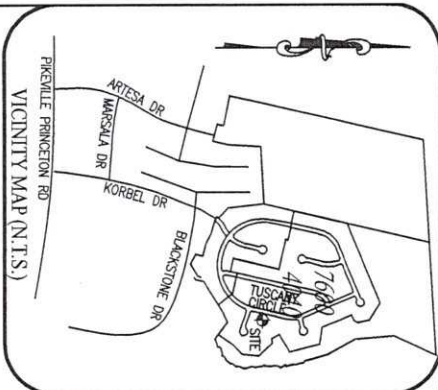
Notes : *25% Reduction

Inspections Conducted

Inspections	Signed Off/ User ID	Date	Status	Reason
IP	EHBSAYERS <i>[Signature]</i>	5/7/2025	OK/S	
ATC	EHBSAYERS <i>[Signature]</i>	5/7/2025	OK/S	
OP				

Payment Information

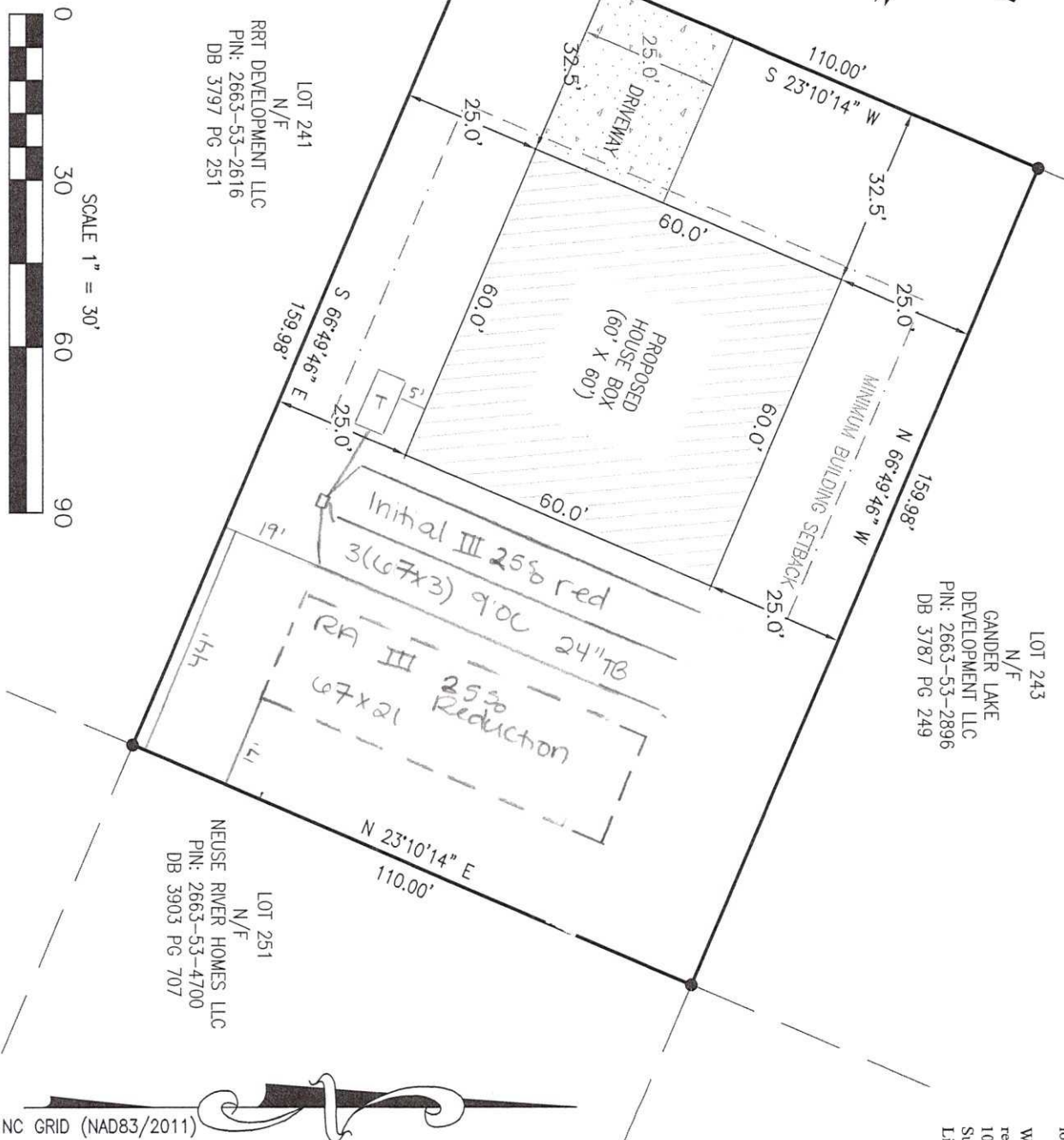
Permit	Receipt No.	Fee	Ref#1	Amount	Status	Ref#2	Amount	Status	Ref#3	Amount	Status



LEGEND

- EXISTING IRON ROD
- ▲ CALCULATED/SET POINT
- BOUNDARY LINE
- ADJOINER LINE
- SETBACK LINE

PROSECCO DRIVE
50' PUBLIC R/W



Neuse River Homes LLC.

Plot Plan Survey for:
of:
Lot 242 Gander Lake Subdivision, Phase 7
Buck Swamp Twp., Wayne County, North Carolina
Being the Property Located at:
110 Prosecco Drive, Princeton

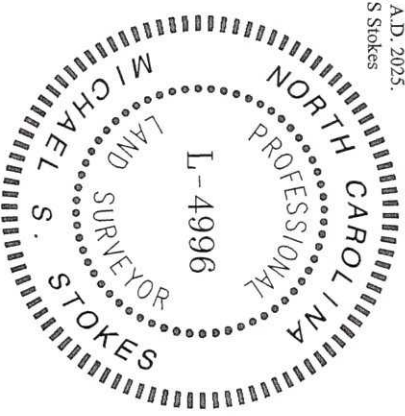
LOT 241
N/F
RRT DEVELOPMENT LLC
PIN: 2663-53-2616
DB 3797 PG 251

LOT 243
N/F
GANDER LAKE
DEVELOPMENT LLC
PIN: 2663-53-2896
DB 3787 PG 249

LOT 251
N/F
NEUSE RIVER HOMES LLC
PIN: 2663-53-4700
DB 3903 PG 707

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 (Reference shown hereon) was utilized; that all units are U.S. Survey Feet unless otherwise stated; that all distances are ground distances unless otherwise stated; that all 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 10th day of March, A.D. 2025.
Surveyor: Michael S Stokes
License # L-4996



REFERENCES

DB 3117, PAGE 350
DB 3622, PAGE 715
PB P, PAGE 65-D

OTHER REFERENCES SHOWN HEREON

SITE DATA:
FRONT SETBACK: 30'
SIDE SETBACK: 10'
REAR SETBACK: 25'
CORNER SIDE: 25'



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

NC GRID (NAD83/2011)

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: 5/21/21

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

OWNER: RRT Development LLC
 ADDRESS: PO Box 190 Clayton NC 27528
 PROPOSED FACILITY: 4BR PROPOSED DESIGN FLOW (.0400): 480
 LOCATION OF SITE: Gander Lake Lot 242
 WATER SUPPLY: Public Single Family Well Shared Well Spring Other _____
 EVALUATION METHOD: Auger Boring Pit Cut

APPLICATION DATE: 07/21/2021
 DATE EVALUATED: 05/06/2025
 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	S 1-2%	0-28	SL	GR	SEXP VFR NSNP	S	S	N/A	N/A	III 0.6	0
		28-48	SCL	SBK	SEXP FI SSSP						
2	S 1-2%	0-28	SL	GR	SEXP VFR NSNP	SWC @ 38 254 7/1	S	N/A	N/A	III 0.6	0
		28-38	SCL	SBK	SEXP FI SSSP						
3	S 1-2%	0-32	SL	GR	SEXP VFR NSNP	S	S	N/A	N/A	III 0.6	0
		32-34	SCL	SBK	SEXP FI SSSP						
4	S 1-2%	0-32	SL	GR	SEXP VFR NSNP	S	S	N/A	N/A	III 0.6	0
		32-36	SCL	SBK	SEXP FI SSSP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>S</u> EVALUATED BY: <u>Brianne Jarry</u> OTHER(S) PRESENT: _____
Available Space (.0508)	S	S	
System Type(s)	III	III	
Site LTAR	0.6 24	0.6 24	
Maximum Trench Depth			

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL		MINERALOGY/ CONSISTENCE	STRUCTURE
			1955 LTAR*	LPP 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)
CV (Convex Slope)		LS (Loamy Sand)				
D (Drainage Way)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		
DS (Debris 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)		CL (Clay Loam)				
L (Linear Slope)		SCL (Sandy Clay Loam)				
N (Nose Slope)	IV	SiL (Silt Loam)	0.4 - 0.1	0.2 - 0.05	MOIST VFR (Very Friable) FR (Friable) FI (Firm) VH (Very Firm v. Very Sticky) EPI (Extremely Firm)	WET NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic)
R (Ridge)		SC (Sandy Clay)				
S (Shoulder Slope)		SiC (Silty Clay)				
T (Terrace)		C (Clay) O (Organic)				

* 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 saprolite 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).

