



Onslow County Health Department
 234 Northwest Corridor Blvd
 Jacksonville, North Carolina 28540
 Phone: (910) 938-5851 Fax: (910) 989-5819

IMPROVEMENT PERMIT

(GS 130A-336)

Permit No: EHIP-2022-00016

Workclass: EH IP New

A building permit cannot be issued with only an Improvement Permit

Expiration: Valid For 5 Years From The Date of Issuance 03/11/2022

Owner: D & B DEVELOPMENT GROUP LLC

Address: 206 LAZY RIVER COURT, JACKSONVILLE, NC 28540

Subdivision: Rivers Edge

Lot Number: 16

Section: 3

Phase:

Block:

Part:

Tract:

Proposed Use: Single Family Residence

Location: Off Rhodestown Rd

System Type: II

System Classification: a. Conventional septic SF or 480 GPD or less

System Description: Conventional, Gravel Trench

Facility/Daily design flow: 3 BEDROOM/360 GPD/6 PERSONS

System Information: INITIAL: Install 3- (3' x 50") conventional lines with 6" minimum soil cover. REPAIR: 3- (3' x 38) 25% Reduction lines with 6" minimum soil cover. ENSURE 5' FROM ANY BUILDING FOUNDATION AND 15' FROM DITCH ON THE TOP SIDE.

LTAR: .8 gpd/sq. ft.

Water Supply: PUBLIC

(SEE ATTACHED PAGES 1 - 1 of 1 FOR ADDITIONAL PERMIT CONDITIONS)

Signed By: Michelle James

Date: 03/11/2022

The issuance of this permit by the Onslow County 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 permit is subject to revocation if the site plan, plat, or the intended use changes. This 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 the conditions of this permit.

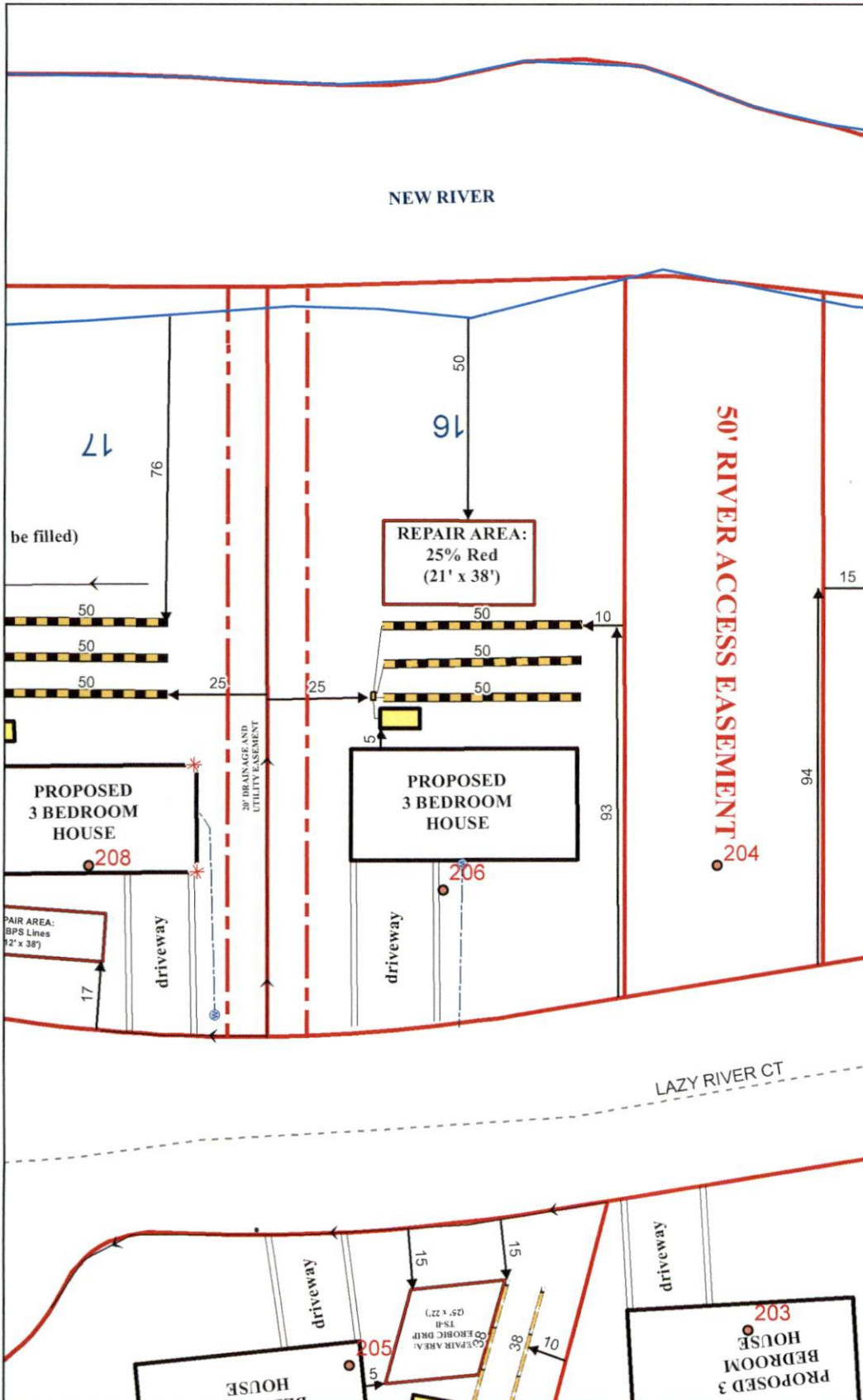
Owner: D & B DEVELOPMENT GROUP LLC
 Address: 206 LAZY RIVER CT
 Location: LOT 16 RIVERS EDGE

Addendum to permit # EHIP-2022-00016
 Page 1 of 1

3/11/2022
PLOT PLAN
 1 inch = 40 feet

Additional Permit Conditions:

1. Do not park or drive on any part of system or repair area.
2. Nitrification trench aggregate shall be covered with straw, untreated paper or other approved materials prior to final cover/backfilling.
3. Do not install system under wet conditions.
4. Adhere to minimum set back requirements as stated in Rule .1950 and .1951 of NC Laws and Rules for Sewage Treatment and Disposal System (Article 11, G.S. Chapter 130A) unless otherwise indicated on this permit.
5. Rock used in soil absorption systems shall be clean, washed gravel or crushed stone and graded or sized in accordance with size numbers 3, 4, 5, 57, or 6 of ASTM D-448 (standard sizes of coarse aggregate) which is hereby adopted by reference in accordance with G.S. 150 B-14 (c). Documentation of aggregate size shall be available upon request.
6. All pump tanks shall be tested for water tightness. Septic tanks may be subject to a water tightness test.
7. The septic tank is designed to receive sewage or wastewater under gravity flow. However, if a system subject to the N.C. Plumbing Code is used to pump raw sewage to the septic tank, the sewage shall be reduced to gravity/non-turbulent flow by approved means at the inlet of the septic tank.
8. An accepted wastewater system may also be installed in accordance with the accepted wastewater system approval. (Maximum LTAR of 1.0 gpd/ft²)
9. Run lines parallel to contour. System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to ensure that proper grade is maintained.
10. A recorded plat or deed and corresponding map shall be submitted to the Environmental Health Section of the Onslow County Health Department PRIOR TO the issuance of the Construction Authorization.
11. An APPROVED stormwater plan shall be submitted to the Environmental Health Section of the Onslow County Health Department PRIOR TO issuance of a Construction Authorization.
12. FOR DWELLING UNIT WASTEWATER SYSTEMS ONLY – This wastewater system is designed only for the number of bedrooms shown as bedrooms or sleeping rooms on the building/floor plan approved by Onslow County Code Enforcement. No other room or space may be relabeled as a bedroom, used as a bedroom, or converted into a bedroom without prior approval from Onslow County Environmental Health.
13. Ensure 5' setback from any building foundation and 15' from top edge of ditches.



SYSTEM DESIGN

# BEDROOMS/ GPD:	3 BEDROOM / 360 GPD
SYSTEM TYPE:	Ila CONVENTIONAL
% REDUCTION:	NA
LTAR:	.8
SQ. FT.	450
LINEAR FEET	150
# OF LINES:	3
LENGTH EACH LINE:	50
TRENCH BOTTOM:	24" AT DEEPEST POINT
TRENCH WIDTH:	3 FEET
FEET ON CENTER(LINES)	9 FEET
REPAIR AREA:	.8 LTAR, 25% REDUCTION SYSTEM 3 AT 38', 24" TB

****WARNING: THIS IS NOT A SURVEY!****

This map is prepared for the inventory of real property found within this jurisdiction, and is compiled from recorded deeds, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The County and mapping company assume no legal responsibility for the information contained on this map.

SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM

OWNER: D&B Development Group APPLICANT: _____
 ADDRESS: 300 Lazy River Ct APPLICATION DATE: _____ DATE EVALUATED: 1-24-08
 PROPOSED FACILITY: 3 BR PROPOSED DESIGN FLOW (.1949): 300 GPD PROPERTY SIZE: see map
 LOCATION OF SITE: off Rhodestown Rd PROPERTY RECORDED: see map
 WATER SUPPLY: Private Public Well Spring Other _____
 EVALUATION METHOD: Auger Boring Pit Cut
 TYPE OF WASTEWATER: Sewage Industrial Process Mixed

P R O F I L E #	.1940 LAND- SCAPE POSITION/ SLOPE%	HORI- ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	0-20% Linear slope	0-48	PS-GR	NS, SP, SECP	10YR 7/4 5/6 45"				07108
2	0-20% Linear slope	0-48	ISK-GR	NS, SP, SECP	10YR 7/4 6/4 SWC 48"				0718
3	0-20% Linear slope	0-16 10-40	S-GR IS-GR	NS, SP, SECP NS, SP, SECP	10YR 5/4 SWC 10YR 5/2				0718
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946):
Available Space (.1945)	S	S	SITE CLASSIFICATION (.1948)
System Type(s)	com/red/PPS	com/red/PPS	EVALUATED BY: <u>my</u>
Site LTAR	07108	07108	OTHER(S) PRESENT:

Comments: _____
owner present

Comments: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)				
D (Drainage Way)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3	SEXP (Slightly Expansive)	M (Massive)
DS (Debris Slump)		L (Loam)				
FP (Flood Plain)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15	EXP (Expansive)	CR (Crumb)
FS (Foot Slope)		SiCL (Silty Clay Loam)				
H (Head Slope)		CL (Clay Loam)				
L (Linear Slope)		SCL (Sandy Clay Loam)				
N (Nose Slope)		SLC (Silt Loam Clay)				
R (Ridge)	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable)	NS (Non-Sticky)
S (Shoulder Slope)		SiC (Silty Clay)				
T (Terrace)		O (Organic)				
					FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
					EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

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

NOTES

- HORIZON DEPTH
- DEPTH OF FILL
- RESTRICTIVE HORIZON
- SAPROLITE
- SOIL WETNESS
- CLASSIFICATION

Evaluation of saprolite shall be by pits.
Long-term Acceptance Rate (LTAR): gal/day/ft²

- In inches below natural soil surface
- In inches from land surface
- Thickness and depth from land surface
- S (suitable) or U (unsuitable)
- Inches from land surface to free water or inches from land surface to soil colors with chromas 2 or less - record Munsell color chip designation
- S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

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

