

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED
PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR INTENDED USE CHANGED

OPERATIONS PERMIT

PERMIT # WRP-122529-2024 **APPLICATION DATE:** 04/11/2024 **BLDG. PERMIT#:** RBPR-121603-2024
PIN: 1798712052 **RECORDED:** Yes
TOWNSHIP: 09 - Little River **JURISDICTION:** Wake County **ZONING:** R-30
APPLICANT: John P Lerena
101 aspen circle E CIR **BUSINESS PHONE:** (919) 625-2041
HOME PHONE:
MOBILE PHONE: (919) 623-8396
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE **EXISTING USE:**
SITE ADDRESS: 8629 DUKES LAKE RD
SUBDIVISION: A & B MORGAN DEVELOPMENT COMP LLC N **LOT:** 3 **ACRES:** 1.90
DIRECTIONS: N/A

Systems defined as either type III-b, III-g with a pump, IV, V or VI, in accordance with the North Carolina administrative code 15A NCAC 18a .1961, table V as adopted by reference in the "Regulations Governing Wastewater Treatment Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type pursuant to 15A NCAC 18a. 1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner and/or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The environmental health specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him/her in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

OPERATION PERMIT VALID FOR: No Expiration

INSTALLED BY: AVILA, TOMAS - 1917 - II

PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**

SYSTEM TYPE INSTALLED: II B

OPERATION PERMIT: STATUS: Issued

ISSUED BY: Adrienne Holloway

ISSUED DATE: 01/07/2025

SEPTIC TANK: Mitchell Concrete - STB-814 -
1000 gallons

DATE OF MANUFACTURE:

FILTER: Polylok - PL-68

GREASE TRAP:

DATE OF MANUFACTURE:

FILTER:

DOSING PUMP TANK:

DATE OF MANUFACTURE:

FILTER:

CC1: **ETM1:**

CC2:

ETM2:

RECIRCULATION TANK:

DATE OF MANUFACTURE:

CC1: **ETM1:**

CC2:

ETM2:

SEPTIC TANK ELEVATION: 2.08

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 10

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
24	12	75	11.41
24	12	75	11.5
24	12	75	11.91
24	12	75	12.08

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

SPECIFIC OPERATION REQUIREMENTS:

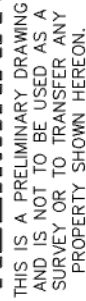
- System designed for 3 bedroom residence, having 360 gals/day.
- Site serviced by private well water.
- Future Repair is a IIIg type system with a max trench depth of 13" and a 0.25 LTAR.

ISSUED BY:

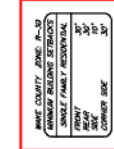
Abelway REHS

DATE: 01/07/2025

LOT 3A IMPERVIOUS SURFACE SUMMARY	
PROPOSED DWELLING & PORCHES	3,298 SQ. FT.
PROPOSED DRIVEWAY & SIDEWALK	1,824 SQ. FT.
TOTAL PROPOSED IMPERVIOUS AREA =	5,122 SQ. FT.
3,222 SQ. FT. DIVIDED BY 12,418 SQ. FT.	
43.1% IMPERVIOUS SURFACE ALLOWED	



1-100 (IN FEET)



SURVEY & MAP BY
BOBBY FLUQUAY and ASSOCIATES
8525 WAL NUTTERS RD., RALEIGH N.C. 27603
704/233-1702

GRAMMATIC IN PLAIN

SILVIA LERENA
SITE PLAN FOR

PWK: 1798-71-2052	SCALE: 1" = 40'
-------------------	----------------------------

DATE: 04-09-2023

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT
NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN
AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED
***PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR
INTENDED USE CHANGED***

CONSTRUCTION AUTHORIZATION PERMIT

PERMIT # WRP-122529-2024 **APPLICATION DATE:** 04/11/2024 **BLDG. PERMIT#:** RBPR-121603-2024
PIN: 1798712052 **RECORDED:** Yes
TOWNSHIP: 09 - Little River **JURISDICTION:** Wake County **ZONING:** R-30
APPLICANT: John P Lerena **BUSINESS PHONE:** (919) 625-2041
101 aspen circle E CIR **HOME PHONE:**
Clayton, NC 27520 **MOBILE PHONE:** (919) 623-8396
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE **EXISTING USE:**
SITE ADDRESS: 8629 DUKES LAKE RD
SUBDIVISION: A & B MORGAN DEVELOPMENT CC **LOT:** 3 **ACRES:** 1.90
DIRECTIONS: N/A

Contractors shall install system on contour. See attached SITE PLAN for wastewater system design and well location. No underground utilities, water lines or sprinklers systems may be located in the original system, or permit areas. A septic tank filter with two risers for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and Operations Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrifications line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

CONSTRUCTION AUTHORIZATION PERMIT VALID FOR: Five Years

CONSTRUCTION AUTHORIZATION PERMIT: **CA STATUS:** Issued **BY:** John Kase **DATE:** 05/06/2024
CA VALID FOR: Five Years **DESIGN FLOW:** 360 GALLONS **BASEMENT:** No **BASEMENT FIXTURES:** No

SEPTIC TANK: 1000 GALLONS **SEPTIC TANK FILTER:** Yes
DOSING PUMP TANK: **DOSING PUMP TANK FILTER:**
GREASE TRAP: **GREASE TRAP FILTER:**
RECIRCULATION PUMP TANK: **RECIRCULATION PUMP TANK FILTER:**

PROPOSED SYSTEM: 0.25 - 25% Reduction (Innovative or Accepted) **EXISTING SYSTEM:**
DRAINFIELD SQ. FT: 900 **AGGREGATE DEPTH:** 12 **MAX. TRENCH DEPTH:** 24 INCHES
DISTRIBUTION DEVICE: GP - Gravity Parallel
TRENCH #: 4 **TRENCH LENGTH:** 75, 75, 75, 75 **TRENCH WIDTH:** 36 INCHES **TOTAL TRENCH LENGTH:** 300 FEET
FEET
CENTER SPACING: 9 FEET **MINIMUM SOIL COVER:** 6 INCHES

PRETREATMENT:

SUBFIELDS #:

PUMP TDH:

APPROVAL #:

PUMP DESIGN FLOW:

ZONE VALVE: No

ASDMS REQUIRED:

LINE OF CREDIT REQUIRED:

OPERATOR REQUIRED:

P.E. SIGN OFF/ASBUILT REQUIRED:

TRIPARTY AGREEMENT REQUIRED:

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

- System designed for 3 bedroom residence, having 360 gals/day.
- Site serviced by private well water.
- Future Repair is a IIIg type system with a max trench depth of 13" and a 0.25 LTAR.
- Any deviation from accepted design must be approved by the (consultant &) Wake County ES prior to system installation.
- Property lines required to be clearly marked prior to digging.
- Maintain all required setbacks.
- Please contact WCES – John Kase, 919-500-9564 with any questions prior or during install.

Issued By:

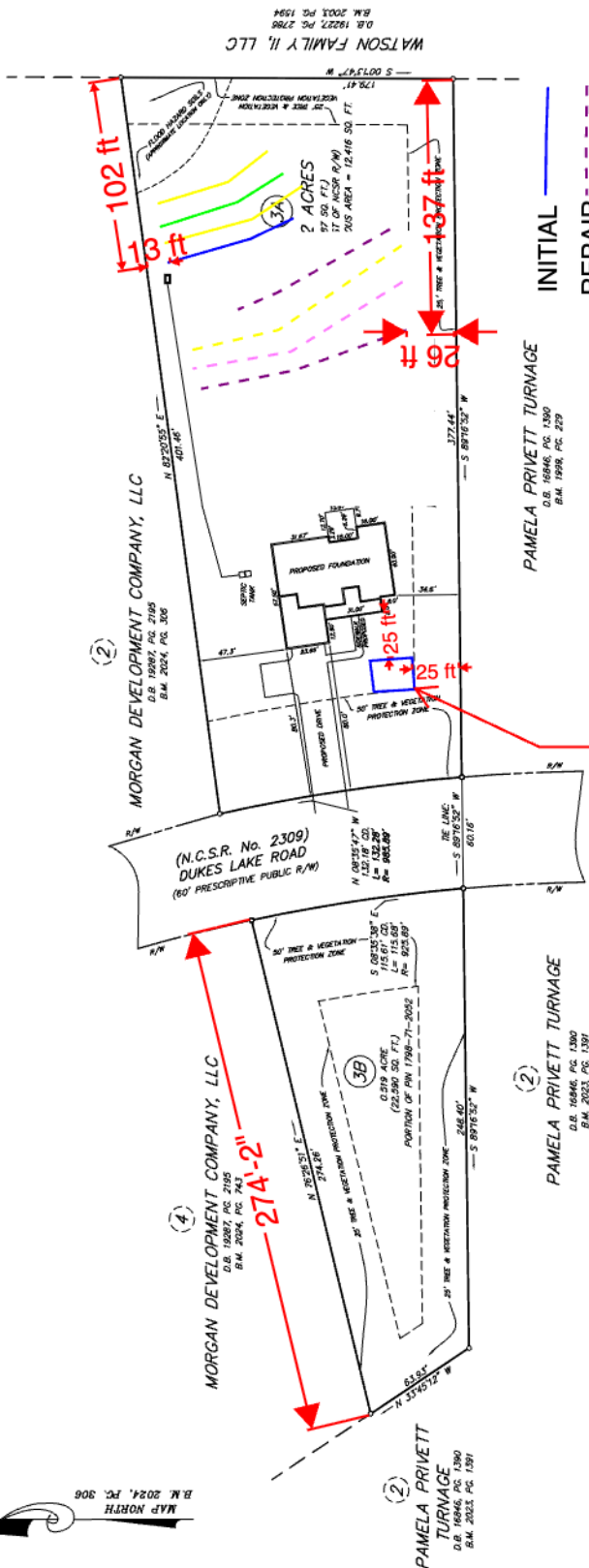


Date: 05/06/2024



ALL DISTANCES ARE U.S. SURVEY FEET HORIZONTAL GROUND MEASUREMENTS.
AREA DETERMINED USING COORDINATE METHOD.
REFERENCES: DEED BOOK 1897, PAGE 2195
BOOK OF MAPS 2024, PAGE 206
PROPERTY IS ZONED: P-30 (WAKE COUNTY)
PROPERTY ADDRESS: 8609 DUKES LAKE ROAD
ZEBULON, N.C. 27597
THIS PROPERTY IS NOT LOCATED WITHIN A 100 YEAR FLOOD PLAIN.
WAKE COUNTY FLOOD MAP # 3100178000, EFFECTIVE DATE OF MAY 01, 2006.

LOT 3A IMPERVIOUS SURFACE SUMMARY	
PROPOSED DWELLING & PORCHES	3,298 SQ. FT.
PROPOSED DRIVEWAY & SIDEWALK	1,894 SQ. FT.
TOTAL PROPOSED IMPERVIOUS AREA = 5,222 SQ. FT.	
5,222 SQ. FT. DIVIDED BY 12,416 SQ. FT.	
42.1% IMPERVIOUS SURFACE ALLOWED	



Well Area

PRELIMINARY

THIS IS A PRELIMINARY DRAWING
AND IS NOT TO BE USED AS A
SURVEY OR TO TRANSFER ANY
PROPERTY SHOWN HEREON.

- SURVEYED LINE
- UNSURVEYED LINE
- EXISTING DRIVE
- PROPOSED DRIVE
- SET BACK LINE
- EXISTING FROM PREVIOUS
- DATE = TOTAL

GRAPHIC SCALE



(IN FEET)

1"=100'

SITE PLAN FOR

SILVIA LERENA

LITTLE RIVER TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

PH: 1798-71-2002

DATE: 04-09-2024

DRAWING: 202419-39

DESIGNED BY

QUEY SHIELDS

1798-71-2002

PH: 1798-71-2002

DATE: 04-09-2024

DRAWING: 202419-39

WAKE COUNTY ZONE P-30	
MINIMUM BUILDING SETBACKS	
SINGLE FAMILY RESIDENTIAL	30'
REAR	30'
CORNER LOT	30'

SURVEY & MAP BY
BOBBY FUGATE AND ASSOCIATES
1798-71-2002
PH: 1798-71-2002

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN
AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

***PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR
INTENDED USE CHANGED***

IMPROVEMENT PERMIT

PERMIT #: WRP-122529-2024

APPLICATION DATE: 04/11/2024

BLDG. PERMIT #: RBPR-121603-2024

PIN: 1798712052

RECORDED: Yes

TOWNSHIP: 09 - Little River

JURISDICTION: Wake County

ZONING: R-30

APPLICANT: John P Lerena
101 aspen circle E CIR

BUSINESS PHONE: (919) 625-2041

HOME PHONE:

MOBILE PHONE: (919) 623-8396

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 8629 DUKES LAKE RD

SUBDIVISION: A & B MORGAN DEVELOPMENT CC **LOT:** 3

ACRES: 1.90

DIRECTIONS: N/A

Permit is subject to revocation if the Site Plan or Plat changes or the intended use changes.

*Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

IP VALID FOR: Five Years AS PER GS 130A-335 (f)

DESIGNED BY: staff

SYSTEM LAYOUT: Staff

SITE CLASSIFICATION: Suitable

IP STATUS: Issued

BY: John Kase

DATE: 05/06/2024

NUMBER OF BEDROOMS: 3

OR TOTAL NUMBER OF OCCUPANTS: 6

PERMITTED DESIGN FLOW: 360 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: III G

LTAR: 0.300

EXISTING SYSTEM UTILIZED:

PRETREATMENT STRENGTH REQUIRED:

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL:

MAXIMUM TRENCH DEPTH: 24 INCHES

PUMP REQUIRED: No

SPECIFIC SYSTEM REQUIREMENTS: -System designed for 3 bedroom residence, 360 gals/day.

-Site serviced by private well water.

-Future Repair is a IIIg type system with a max trench depth of 13" and a 0.25 LTAR.

-No cutting, grading, alterations, or utilities in septic area.

-Maintain all required setbacks.

Initial System Limiting Condition at 40"

Repair System Limiting Condition at 27"

ISSUED BY:

A handwritten signature in black ink, appearing to read "J. Miller", is written over a light gray rectangular background.

DATE: 05/06/2024



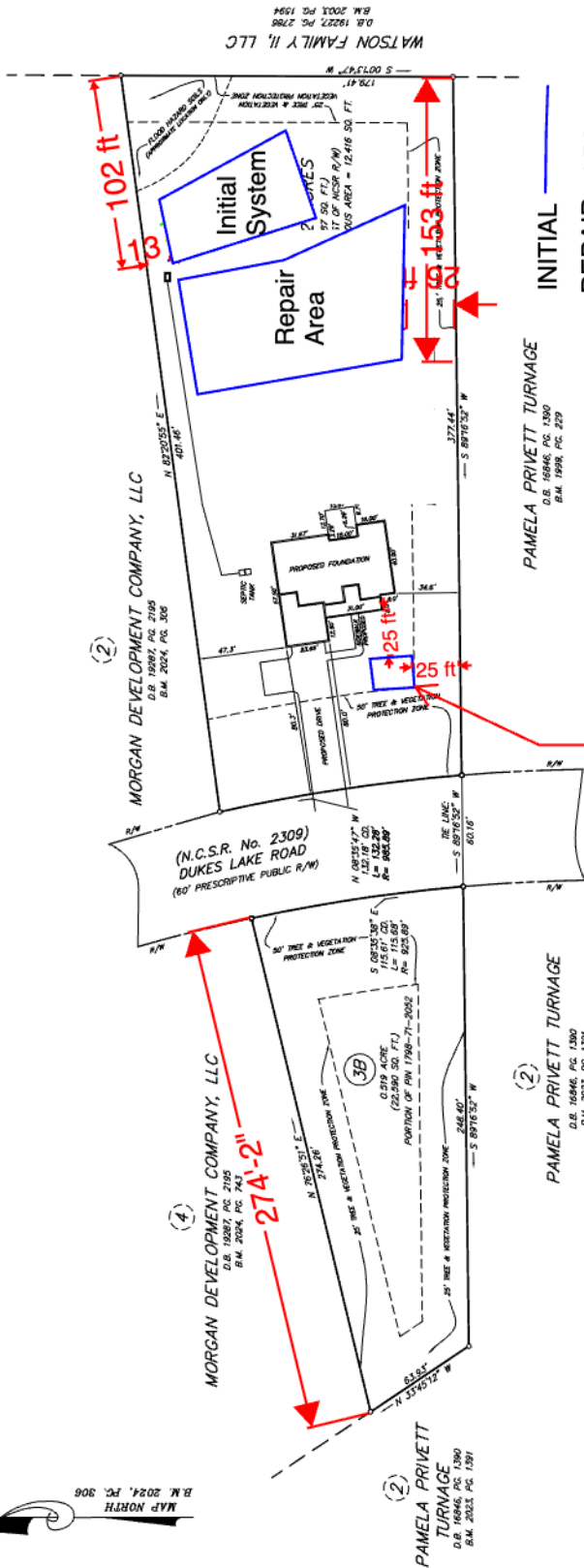
LOT 3A IMPERVIOUS SURFACE SUMMARY

PROPOSED DWELLING & PORCHES	3,798 SQ. FT.
PROPOSED DRIVEWAY & SIDEWALK	1,894 SQ. FT.
TOTAL PROPOSED IMPERVIOUS AREA =	5,692 SQ. FT.
5,222 SQ. FT. DIVIDED BY 12,416 SQ. FT.	
42.1% IMPERVIOUS SURFACE ALLOWED	

ALL DISTANCES ARE U.S. SURVEY FEET HORIZONTAL GROUND MEASUREMENTS.
AREA DETERMINED USING COORDINATE METHOD.
REFERENCES: DEED BOOK 16897, PAGE 2195
BOOK OF MAPS 2024, PAGE 306
PROPERTY IS ZONED: P-30 (WAKE COUNTY)
PROPERTY ADDRESS: 8609 DUKES LAKE ROAD
ZEBULON, N.C. 27597
THIS PROPERTY IS NOT LOCATED WITHIN A 100 YEAR FLOOD PLAIN.
WATER SHOWN MAP # 3100178000, EFFECTIVE DATE OF MAY 01, 2006.



B.M. 2024, P.C. 306



Well Area

INITIAL
REPAIR

PRELIMINARY

THIS IS A PRELIMINARY DRAWING
AND IS NOT TO BE USED AS A
SURVEY OR TO TRANSFER ANY
PROPERTY SHOWN HEREON.

- LEGEND:
- SURVEYED LINE
 - UNSURVEYED LINE
 - EXISTING DRIVE
 - PROPOSED DRIVE
 - SET BACK LINE
 - EXISTING FROM PREVIOUS
 - OF TOTAL

GRAPHIC SCALE



(IN FEET)

1"=100'

GRAPHIC & PLAN

SITE PLAN FOR

SILVIA LERENA

LITTLE RIVER TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

PH: 1798-71-2002

DATE: 04-09-2024

DRAWING: 202419-39

SURVEY & MAP BY

BOBBY FUGATE AND ASSOCIATES

1000 W. WATSON ROAD, SUITE 101, FARM

PH: 919-882-1000

WAKE COUNTY ZONE: P-30

MINIMUM BUILDING SETBACKS

SINGLE FAMILY RESIDENTIAL

FRONT

REAR

CORNER

30'

30'

30'