

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-023730-2019

APPLICATION DATE: 08/14/2019

BLDG. PERMIT#: RABS-024259-2019

PIN: 0686565176

RECORDED: Yes

TOWNSHIP: 12 - Middle Creek

JURISDICTION: Wake County

ZONING: R-30

APPLICANT: Samuel L Moore (Jr.)
88 Clyde Pearce

BUSINESS PHONE: (919) 369-3422

HOME PHONE:

MOBILE PHONE: (919) 369-3422

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 2416 EDDIE HOWARD RD

SUBDIVISION: VIOLET F HOWARD

LOT: 3

ACRES: 2.59

DIRECTIONS: *401 south then left onto hilltop road then left onto panther lake road then turn right onto Eddie Howard Rd. Property is on the right.

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: BRANTLEY, CORY - 1036 - IV

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

SYSTEM TYPE INSTALLED: II C

OPERATION PERMIT: STATUS: Issued

ISSUED BY: Bobby Weaver

ISSUED DATE: 06/10/2020

SEPTIC TANK: David Brantley & Sons - STB-323 - 1250 gallons **DATE OF MANUFACTURE:** 01/03/2020 **FILTER:** GAG SIM/TECH - STF-110

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: 3.13

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 4

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
20	12	100	5.58
20	12	100	6.2
20	12	100	6.95
20	12	100	7.42

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME:

SPECIFIC OPERATION REQUIREMENTS:

Permit Written for a four bedroom home.
480 gpd.

ISSUED BY:



DATE: 06/10/2020

AS-Built

N 88°08'26" W 373.17' ————— 374 ft

25' TREE & VEG.
PROTECTION ZONE

SETBACK (TYPICAL)



**SITE PLAN APPROVED BY
WAKE COUNTY N.C. P.D.I.**

Jennifer Vega
08/26/2019 8:52:39 AM

LOT 4
ALLAN CANADY
BUILDER, INC.
DB 17265, PG 1989
BM 2017, PG 1559
PIN: 0686-56-3271

RABS 024259-2015

2416 EDDIE HOWARD ROAD
(80' PUBLIC R/W)

OPEN SPACE
SOUTHPARK INC.
DEVELOPMENT CO., 2111
DB 9531, PG 1372
BM 2004, PG 9656
PIN: 0686-54-

50' RIPARIAN BUFFER
(BM 2017, PG 1559)

K1001+3
Repair
line

50' TREE & VEG.
PROTECTION ZONE

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INTENDED USE CHANGED***

CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WRP-023730-2019****APPLICATION DATE:** 08/14/2019**BLDG. PERMIT#:** RABS-024259-2019**PIN:** 0686565176**RECORDED:** Yes**TOWNSHIP:** 12 - Middle Creek**JURISDICTION:** Wake County**ZONING:** R-30

APPLICANT: Samuel L Moore (Jr.)
88 Clyde Pearce
Zebulon, NC 27597

BUSINESS PHONE: (919) 369-3422**HOME PHONE:****MOBILE PHONE:** (919) 369-3422**HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 2416 EDDIE HOWARD RD**SUBDIVISION:** VIOLET F HOWARD**LOT:** 3**ACRES:** 2.59

DIRECTIONS: *401 south then left onto hilltop road then left onto panther lake road then turn right onto Eddie Howard Rd. Property is on the right.

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:** Corey Shive**DATE:** 09/16/2019**CA VALID FOR:** Five Years**DESIGN FLOW:** 480 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:** 1200 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:** 1,200**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 20 INCHES**DISTRIBUTION DEVICE:** GP - Gravity Parallel**TRENCH #:** 4**TRENCH LENGTH:** 100 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 400 FEET**CENTER SPACING:** 9 FEET**MINIMUM SOIL COVER:** 6 INCHES

PRETREATMENT:

SUBFIELDS #:

PUMP TDH:

APPROVAL #:

PUMP DESIGN FLOW:

ZONE VALVE:

ASDMS REQUIRED: No

LINE OF CREDIT REQUIRED: No

OPERATOR REQUIRED: No

P.E. SIGN OFF/ASBUILT REQUIRED: No

TRIPARTY AGREEMENT REQUIRED: No

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

Permit issued for 4 bedroom home at 480 gal/day. Do not grade or remove soil in septic or repair area prior to installation.

System is Gravity to d-box feeding (4) 100'x3' accepted status lines. System must meet all required setbacks and should be installed on contour. Minimum size for septic tank is 1200 gallons. Trench Depths are to be 20".

Call WCES with any questions. 919-614-7175.

Issued By:



Date: 09/16/2019

LEGEND

○	Ex. iron pipe/rod or nail
⊙	Calculated point
DB	Deed Book
PB or BM	Plat Book / Book of Maps
PG	Page
S.F.	Square feet
AC	Acres
R/W	Right-of-way
NCSR	North Carolina State Route
NCDOT	North Carolina Dept. of Transportation
EX.	Existing

* Lines are flagged longer than necessary in field *

MARY COLEY BOWLING
DB 5032, PG 354
PIN: 0686-54-3491

+++ Initial
— Repair

Required Setbacks

Front	50
Side	5
Rear	5
Corner	



LOT 4
ALLAN CANADY
BUILDER, INC.
DB 17265, PG 1989
BM 2017, PG 1559
PIN: 0686-56-3271

WRP-023730-2019
Improvement Permit

RABS 024259-2019

ADOPTED
(BM 2017, PG 1559)

IMPERVIOUS SURFACE AREAS

PROPOSED HOUSE(FOOTPRINT): 3,744 S.F.
PROPOSED DRIVEWAY/WALKWAY: 5,371 S.F.
PROPOSED GARAGE: 576 S.F.
(TOTAL IMPERVIOUS SURFACE (PROPOSED): 9,691 S.F.)
TOTAL AREA OF LOT: 112,830 S.F.
PERCENTAGE IMPERVIOUS (PROPOSED): 8.59%

NOTES:

- 1) All distances are horizontal ground distances in u.s. survey feet unless otherwise noted.
- 2) This survey does not include nor depict any environmental evaluations.
- 3) Field survey performed July 17, 2019.
- 4) Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence or any other facts that an accurate and current title search may disclose.
- 5) The locations of underground utilities as shown hereon are based on aboveground structures and aboveground visual evidence. Locations of underground utilities/structures may vary from location shown hereon. Additional buried utilities/structures may be encountered. No excavations were made during the progress of this survey to locate buried utilities/structures.
- 6) Subject property is not located within a special flood hazard zone.
- 7) The State Plane Coordinates for this project were produced with RTK GPS observations and processed using the North Carolina VRS network. The network positional accuracy of the derived positional information is $\pm 0.07'$.
- 8) Builder / homeowner to verify ALL dimensions, placement of proposed improvements, existing septic field/tank and applicable building setbacks prior to construction. Newcomb Land Surveyors, PLLC does not warrant the accuracy of the proposed architectural dimensions shown hereon.
- 9) All construction to be in accordance with Wake County and / or NCDOT standards and specifications.

LINE TABLE		
LINE	LENGTH	BEARING
L1	136.67	S 74°18'04" E
L2	41.40	S 20°37'43" E
L3	79.83	S 27°15'17" E
L4	52.74	S 26°42'19" W
L5	117.30	S 10°30'40" E
L6	178.97	S 19°32'45" E

PRELIMINARY PLAN FOR BUILDING
PERMIT APPLICATION ONLY
NOT FOR SALES, RECORDATION OR CONVEYANCES

PROPERTY OF
BETH A. MEAUX CONNELLY & spouse,
PATRICK L. CONNELLY

MIDDLE CREEK TOWNSHIP WAKE COUNTY NORTH CAROLINA

60 30 0 60 120
SCALE: 1"=60'

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IMPROVEMENT PERMIT

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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:

SYSTEM LAYOUT: Staff

SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued

BY: Corey Shive

DATE: 09/16/2019

NUMBER OF BEDROOMS: 4

OR TOTAL NUMBER OF OCCUPANTS:

PERMITTED DESIGN FLOW: 480 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: II C

LTAR: 0.300

EXISTING SYSTEM UTILIZED:

PRETREATMENT STRENGTH REQUIRED: None

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 20 INCHES

PUMP REQUIRED: No

SPECIFIC SYSTEM REQUIREMENTS: Permit issued for 4 bedroom home at 480 gal/day. Do not grade or remove soil in septic or repair area prior to installation.

Initial System: Gravity to D-box, 0.3 LTAR.

Repair System: Gravity to D-box, 0.3 LTAR.

ISSUED BY:

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

DATE: 09/16/2019

LEGEND

○	Ex. iron pipe/rod or nail
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BETH A. MEAUX CONNELLY & spouse,
PATRICK L. CONNELLY**

MIDDLE CREEK TOWNSHIP WAKE COUNTY NORTH CAROLINA



REFERENCES:

DEED BOOK 17382, PAGE 1653
BOOK OF MAPS 2017, PAGE 1559
*OTHERS SHOWN HEREON

480 GPD
0.3 LTAR
MTD -20"

08/13/19

