

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-058655-2021 **APPLICATION DATE:** 04/29/2021 **BLDG. PERMIT#:** RABS-058653-2021

PIN: 1788165571 **RECORDED:** Yes

TOWNSHIP: 09 - Little River **JURISDICTION:** Wake County **ZONING:** R-80W

APPLICANT: Kathryn Fritchle
5416 Pulley Town Road 5416 Pulley Town Road
Zebulon, NC 27597
BUSINESS PHONE:
HOME PHONE:
MOBILE PHONE: (614) 940-0663

HD USE: 204 RESIDENTIAL ACCESSORY DWELLING **EXISTING USE:**

SITE ADDRESS: 5416 PULLEY TOWN RD

SUBDIVISION: PROP SURVEY BILL CLEMENT **LOT:** **ACRES:** 7.56

DIRECTIONS: .

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:** Jeremy Davis **DATE:** 05/18/2021

CA VALID FOR: Five Years **DESIGN FLOW:** 240 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: GTR - Gravel Trench **EXISTING SYSTEM:** No
DRAINFIELD SQ. FT: 720 **AGGREGATE DEPTH:** 12 **MAX. TRENCH DEPTH:** 20 INCHES

DISTRIBUTION DEVICE: GP - Gravity Parallel
TRENCH #: 3 **TRENCH LENGTH:** 80 FEET **TRENCH WIDTH:** 36 INCHES **TOTAL TRENCH LENGTH:** 240 FEET

CENTER SPACING: 9 FEET **MINIMUM SOIL COVER:** 6 INCHES
PRETREATMENT: **APPROVAL #:**

SUBFIELDS #:
PUMP TDH:

PUMP DESIGN FLOW:
ZONE VALVE: No

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:

- System designed for 2 bedroom residential accessory dwelling, having 240 gals per day (Design Flow).
- Future Repair is a IIA type system. With a Max Trench depth of 20" and a 0.35 LTAR.
- Site serviced by Private Well water
- Maintain all required setbacks.
- All property lines must be fully marked at time of install or reinspection required.
- (accepted status product can used as an alternate)
- Please contact (Jeremy Davis – 919-868-4982) with any questions prior or during install.

Issued By:



Date: 05/18/2021

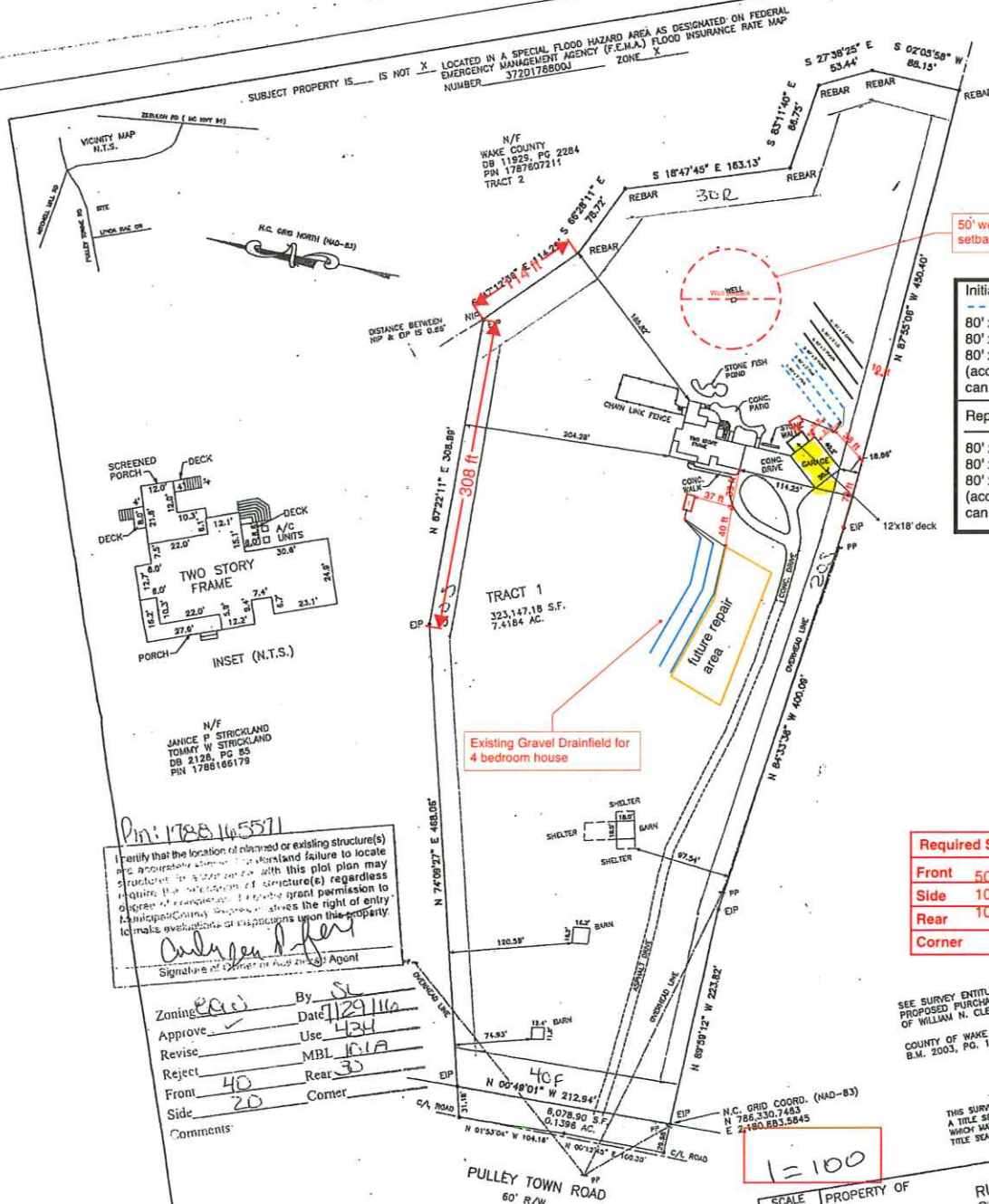


RABS 058653-2021



W14412

610.7013



Initial system: (gravel)
80' x 3' Pink
80' x 3' Red
80' x 3' Yellow
(accepted status product can used as an alternate)
Repair: (gravel)
80' x 3' Green
80' x 3' Purple
80' x 3' LG
(accepted status product can used as an alternate)

Required Setbacks	
Front	50
Side	10
Rear	10
Corner	

SEE SURVEY ENTITLED: PROPOSED PURCHASE OF TRACT "2" AND RECOMBINANT OF WILLIAM N. CLEMENT, JR. AND ANY G. CLEMENT PRC FOR COUNTY OF WAKE FACILITIES DESIGN AND CONSTRUCTION B.M. 2003, PG. 1371

THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE SEARCH AND IS SUBJECT TO ANY FACTS WHICH MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH

Pin: 1788145571

I certify that the location of proposed or existing structure(s) is as shown on this plot plan and that the location of any existing structure(s) is as shown on this plot plan. I also certify that the location of any existing structure(s) is as shown on this plot plan.

Signature of Owner or Agent: *John Y. Phelps Jr.*

Signature of Surveyor: *John Y. Phelps Jr.*

Comments: *40' Front 20' Side*

By: *SL* Date: *11/29/16*

Approve: *MBL* Use: *424*

Reject: *40* Rear: *30*

Front: *40* Side: *20* Corner: *30*

STATE OF NORTH CAROLINA
COUNTY OF WAKE
JOHN Y. PHELPS JR., PROFESSIONAL LAND SURVEYOR
I, JOHN Y. PHELPS JR., PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION, AND THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY FOR THIS MAP. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY FOR THIS MAP. I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY FOR THIS MAP.

SCALE: 1"=100'

DATE: 12/04/14

PD, BK: 1474

PROPERTY OF: RUBEN AGUIRE CARLA PERFECT

5416 PULLEY TOWN RD.
LITTLE RIVER TWP., WAKE CO., N.C.

JOHN Y. PHELPS JR., PROFESSIONAL SURVEYOR
6110 BUR OAK CIRCLE, RALEIGH, N.C. 27612 PHONE (919) 787-3658

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-085110-2022

APPLICATION DATE: 07/15/2022

BLDG. PERMIT #: RABS-081024-2022

PIN: 1788165571

RECORDED: Yes

TOWNSHIP: 09 - Little River

JURISDICTION: Wake County

ZONING: R-80W

APPLICANT: johnathan fritchle

5416 Pulley Town Road 5416 pulley town rd RD

BUSINESS PHONE:

HOME PHONE:

MOBILE PHONE: (919) 909-4173

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

SITE ADDRESS: 5416 PULLEY TOWN RD

SUBDIVISION: PROP SURVEY BILL CLEMENT

LOT:

ACRES: 7.56

DIRECTIONS: 5416 pulley town rd. Enter property through gates, coming down the driveway on the left side you will see a cabin that is going to be replaced with the proposed building. The septic will go behind the building with the drain lines into the field in front of the barn (as represented on the attached site plan)

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: Marlena Brown

DATE: 07/26/2022

NUMBER OF BEDROOMS: 2

OR TOTAL NUMBER OF OCCUPANTS: 4

PERMITTED DESIGN FLOW: 240 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: III B

LTAR: 0.350

EXISTING SYSTEM UTILIZED: No

PRETREATMENT STRENGTH REQUIRED: None

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 20 INCHES

PUMP REQUIRED: Yes

SPECIFIC SYSTEM REQUIREMENTS: -System designed for 2 bedroom residence, having 240gals/day.

-Site serviced by private well water.

-Both initial and repair are designed as 50% reduction system PPBPS Horizontal.

-Future Repair is a IIIB type system with a max trench depth of 20" and a .35LTAR.

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

-Maintain all required setbacks.

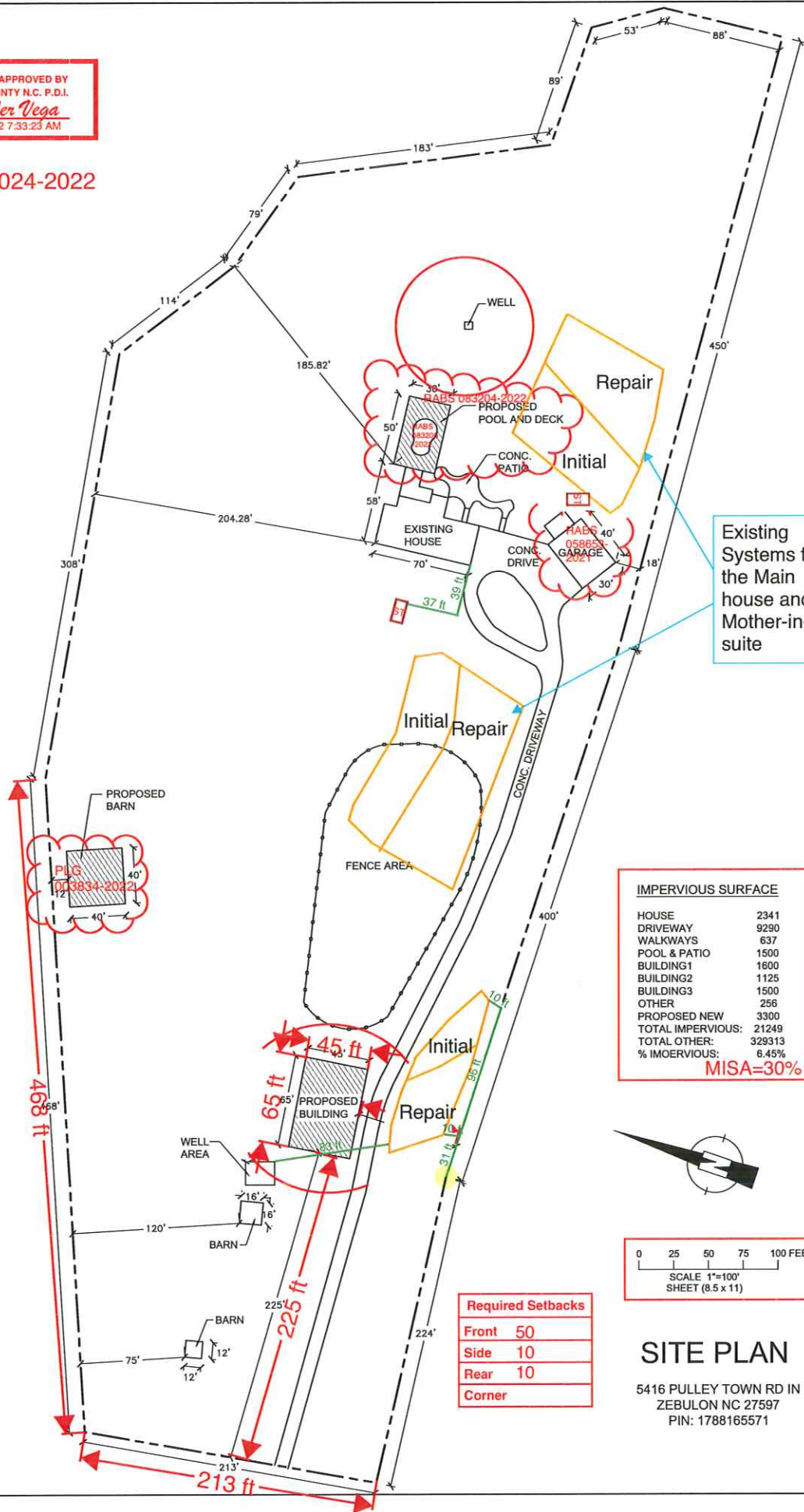
ISSUED BY:

A handwritten signature in blue ink, appearing to read "Mark Brown".

DATE: 07/26/2022

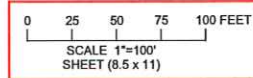


RABS 081024-2022



Existing Systems for the Main house and the Mother-in-law suite

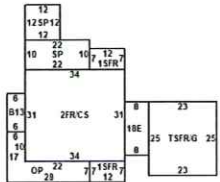
IMPERVIOUS SURFACE	
HOUSE	2341
DRIVEWAY	9290
WALKWAYS	637
POOL & PATIO	1500
BUILDING1	1600
BUILDING2	1125
BUILDING3	1500
OTHER	256
PROPOSED NEW	3300
TOTAL IMPERVIOUS:	21249
TOTAL OTHER:	329313
% IMCERIOUS:	6.45%
MISA=30%	



Required Setbacks	
Front	50
Side	10
Rear	10
Corner	

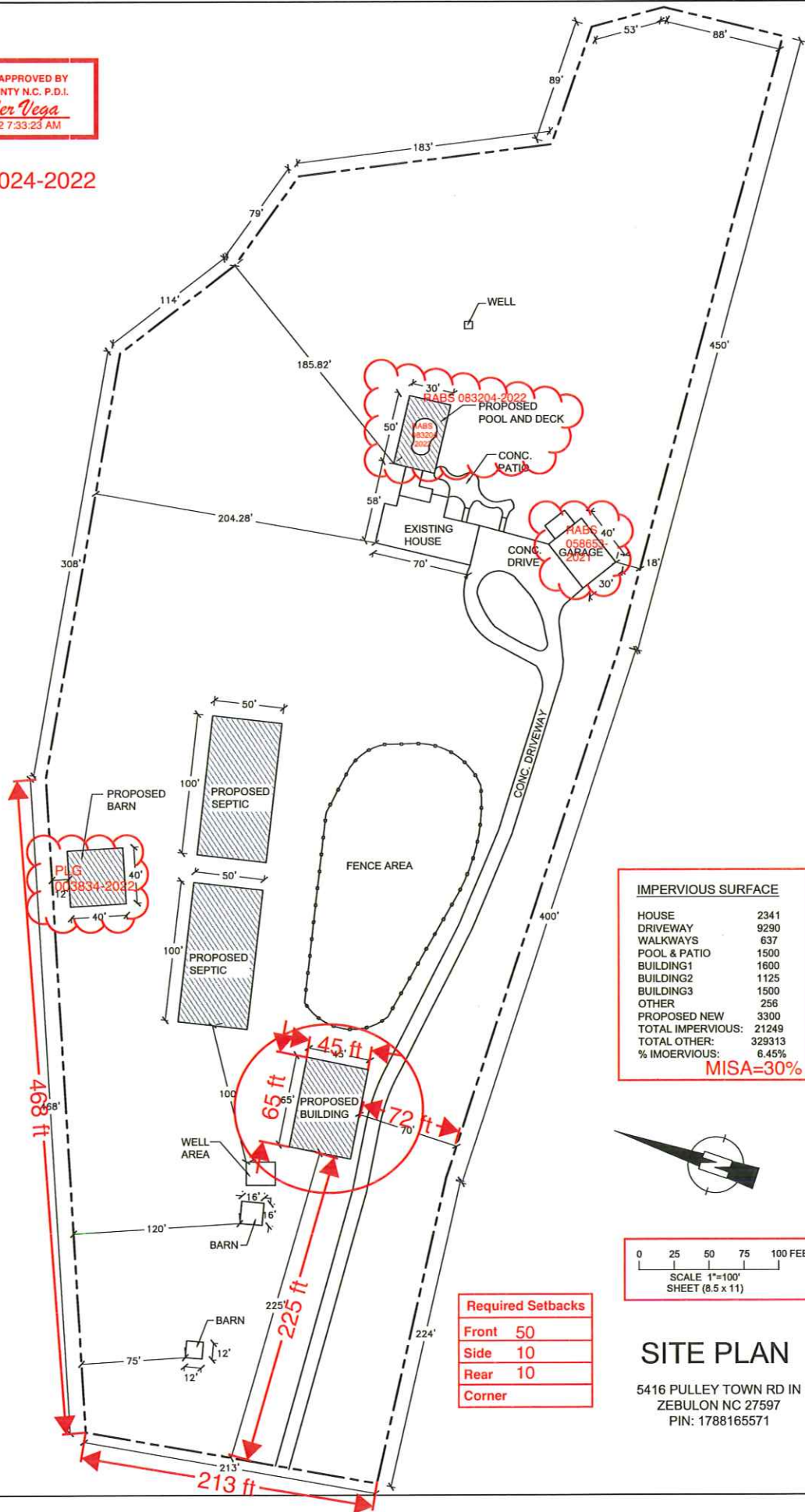
SITE PLAN

5416 PULLEY TOWN RD IN
ZEBULON NC 27597
PIN: 1788165571

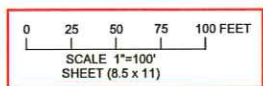




RABS 081024-2022



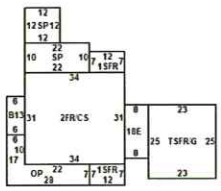
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Required Setbacks	
Front	50
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Rear	10
Corner	

SITE PLAN

5416 PULLEY TOWN RD IN
ZEBULON NC 27597
PIN: 1788165571



WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL PERMIT

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

PRIVATE WELL CERTIFICATE OF COMPLETION

PERMIT #: GW-085106-2022

APPLICATION DATE: 07/15/2022

SITE INFORMATION:

PIN: 1788165571

SITE ADDRESS: 5416 PULLEY TOWN RD
ZEBULON, 27597

SUBDIVISION: PROP SURVEY BILL CLEMENT

LOT:

ACRES: 8

TOWNSHIP: 09 - Little River

JURISDICTION: R-80W

ZONING: R-80W

APPLICANT: johnathan fritchle

PHONE NUMBER: (919) 909-4173

OWNER INFORMATION:

PROPOSED USE:

EXISTING USE:

CONDITIONS:

CONDITION NAME: -

COMMENTS:

SCOPE:

SATISFIED:

This Certificate of Completion serves as certification that the well has been inspected and found to comply with applicable state and county regulations, that all conditions for siting and construction of the well as prescribed by the construction authorization have been met, and that a water sample from the well is in compliance with applicable water quality standards in effect at the time of construction. The testing required under the construction authorization does not include all possible contaminants. Continued monitoring of private wells and testing for contaminants other than those required for the certificate of completion or certificate of occupancy is the responsibility of the homeowner. Neither Wake County nor the Environmental Health Specialist warrants the quantity or quality of water produced by this well.

WELL TYPE: Private drinking water well

TOTAL WELL DEPTH:

CASING DEPTH:

CASING TYPE:

YIELD:

DRILLER CERTIFICATION NUMBER:

ISSUED BY: Glen Shoemaker

SIGNATURE: 

DATE: 07/20/2022

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OPERATIONS PERMIT**PERMIT # WRP-085110-2022****APPLICATION DATE:** 07/15/2022**BLDG. PERMIT#:** RABS-081024-2022**PIN:** 1788165571**RECORDED:** Yes**TOWNSHIP:** 09 - Little River**JURISDICTION:** Wake County**ZONING:** R-80W**APPLICANT:** johnathan fritchle

5416 Pulley Town Road 5416 pulley town rd RD

BUSINESS PHONE:**HOME PHONE:****MOBILE PHONE:** (919) 909-4173**HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**SITE ADDRESS:** 5416 PULLEY TOWN RD**SUBDIVISION:** PROP SURVEY BILL CLEMENT**LOT:****ACRES:** 7.56

DIRECTIONS: 5416 pulley town rd. Enter property through gates, coming down the driveway on the left side you will see a cabin that is going to be replaced with the proposed building. The septic will go behind the building with the drain lines into the field in front of the barn (as represented on the attached site plan)

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:** TODD SR, GLENN A - 2770 - IV**PROPRIETARY SYSTEM:** PPBPS - Horizontal**PRETREATMENT SYSTEM:****SYSTEM TYPE INSTALLED:** III B**OPERATION PERMIT: STATUS:** Issued**ISSUED BY:** James Adcock**ISSUED DATE:** 08/31/2023**SEPTIC TANK:** David Brantley & Sons - STB-646 - 1000 gallons**DATE OF MANUFACTURE:** 12/08/2022 **FILTER:** Other**GREASE TRAP:****DATE OF MANUFACTURE:****FILTER:****DOSING PUMP TANK:** Brantley - PT-237 - 1000**DATE OF MANUFACTURE:** 11/15/2022**FILTER:**

gal - 20.63 gal/in

CC1: 999,837**ETM1:** 0**CC2:****ETM2:****RECIRCULATION TANK:****DATE OF MANUFACTURE:**

CC1:

ETM1:

CC2:

ETM2:

SEPTIC TANK ELEVATION: 4.06

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION: 4.21

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 4

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
20	8	65	4.16
20	8	65	4.16

ACTUAL PRESSURE HEAD: 2

ACTUAL FLOW RATE: 27

ACTUAL DOSE VOLUME: 108

SPECIFIC OPERATION REQUIREMENTS:

- System designed for 2 bedroom residence, having 240gals/day.
- Site serviced by private well water.
- Both initial and repair are designed as 50% reduction system PPBPS Horizontal.
- Tanks and lines inspected on two different days.

ISSUED BY:



DATE: 08/31/2023

5416 PULLEY TOWN RD IN
ZEBULON NC 27597
PIN: 1788165571

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

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CONSTRUCTION AUTHORIZATION PERMIT

PERMIT # WRP-085110-2022 **APPLICATION DATE:** 07/15/2022 **BLDG. PERMIT#:** RABS-081024-2022

PIN: 1788165571 **RECORDED:** Yes

TOWNSHIP: 09 - Little River **JURISDICTION:** Wake County **ZONING:** R-80W

APPLICANT: johnathan fritchle

5416 Pulley Town Road 5416 pulley town rd RD
zebulon, 27597

BUSINESS PHONE:

HOME PHONE:

MOBILE PHONE: (919) 909-4173

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

SITE ADDRESS: 5416 PULLEY TOWN RD

SUBDIVISION: PROP SURVEY BILL CLEMENT

LOT:

ACRES: 7.56

DIRECTIONS: 5416 pulley town rd. Enter property through gates, coming down the driveway on the left side you will see a cabin that is going to be replaced with the proposed building. The septic will go behind the building with the drain lines into the field in front of the barn (as represented on the attached site plan)

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: Marlena Brown

DATE: 07/26/2022

CA VALID FOR: Five Years

DESIGN FLOW: 240 GALLONS

BASEMENT: No

BASEMENT FIXTURES: No

SEPTIC TANK: 1000 GALLONS

SEPTIC TANK FILTER: Yes

DOSING PUMP TANK: 100 GALLONS

DOSING PUMP TANK FILTER:

GREASE TRAP:

GREASE TRAP FILTER:

RECIRCULATION PUMP TANK:

RECIRCULATION PUMP TANK FILTER:

PROPOSED SYSTEM: PPBPS - Horizontal

EXISTING SYSTEM: No

DRAINFIELD SQ. FT: 390

AGGREGATE DEPTH: 8

MAX. TRENCH DEPTH: 20 INCHES

DISTRIBUTION DEVICE: PM - Pressure Manifold

TRENCH #: 2

TRENCH LENGTH: 65 FEET

TRENCH WIDTH: 36 INCHES

TOTAL TRENCH LENGTH: 130 FEET

CENTER SPACING: 9 FEET

PRETREATMENT:

SUBFIELDS #:

PUMP TDH:

MINIMUM SOIL COVER: 6 INCHES

APPROVAL #:

PUMP DESIGN FLOW:

ZONE VALVE: No

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:

- System designed for 2 bedroom residence, having 240gals/day.
- Site serviced by private well water.
- Both initial and repair are designed as 50% reduction system PPBPS Horizontal.
- Future Repair is a IIIB type system with a max trench depth of 20" and a .35LTAR.
- Installation depth of the supply line shall be no less than 30" to top of pipe under areas subject to vehicular traffic or sleeved in ductile iron pipe if installed less than 30".
- Any deviation from accepted design must be approved by the Wake County ES prior to system installation.
- Property lines required to be clearly marked prior to digging.
- Maintain all required setbacks.
- Please contact WCES – Marlena Brown, 919-268-9027 with any questions prior or during install.

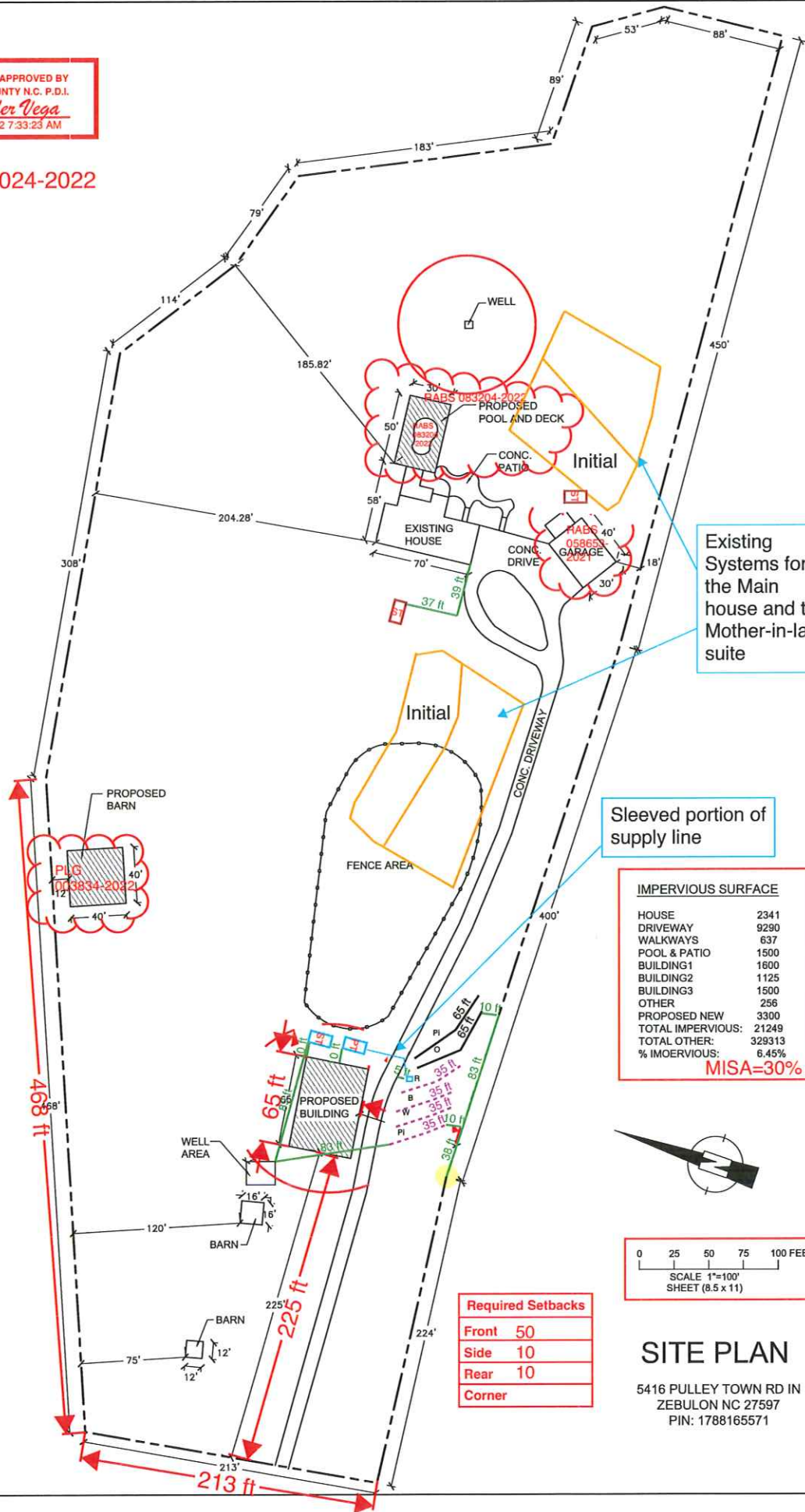
Issued By:



Date: 07/26/2022



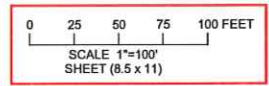
RABS 081024-2022



Existing Systems for the Main house and the Mother-in-law suite

Sleeved portion of supply line

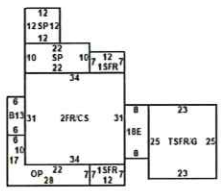
IMPERVIOUS SURFACE	
HOUSE	2341
DRIVEWAY	9290
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MISA=30%	



Required Setbacks	
Front	50
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Rear	10
Corner	

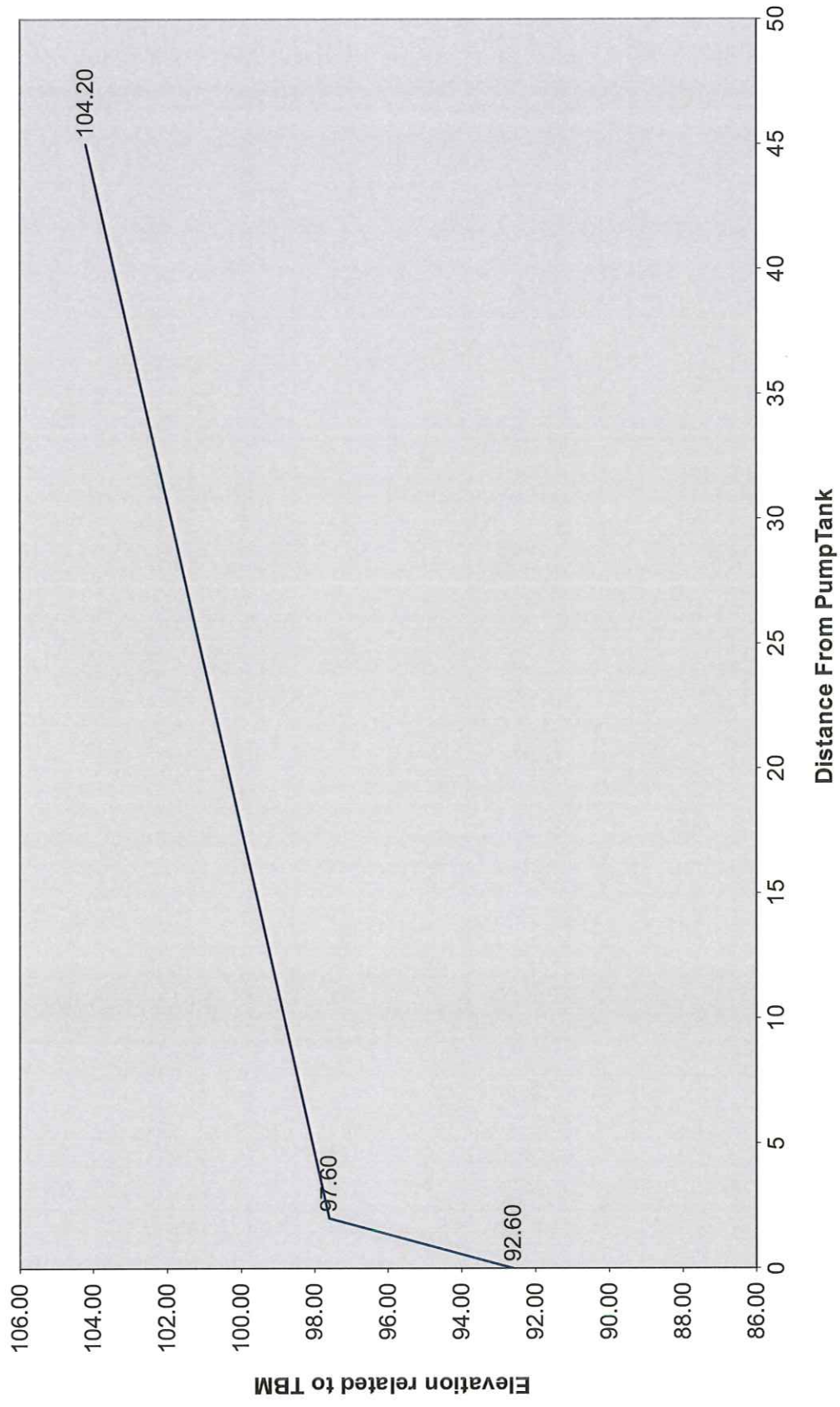
SITE PLAN

5416 PULLEY TOWN RD IN
ZEBULON NC 27597
PIN: 1788165571



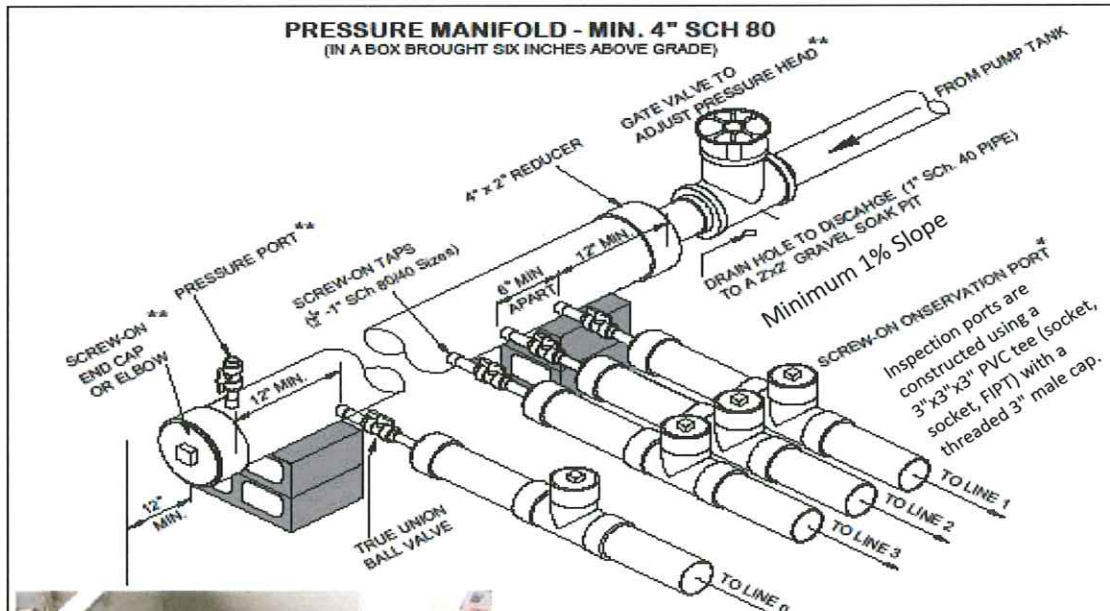
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Hydraulic Profile



PM Draw

	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Taps	3/4in SCH 40	3/4in SCH 40	0	0	0	0	0	0	0	0
Flow	12.5	12.5	0	0	0	0	0	0	0	0



- ** MAY BE LOCATED INSIDE OR OUTSIDE MANIFOLD BOX.
WHEN LOCATED OUTSIDE VALVE BOX IS REQUIRED.
- * MAY BE INSIDE BOX OR IF OUTSIDE, BRING 6" ABOVE GRADE

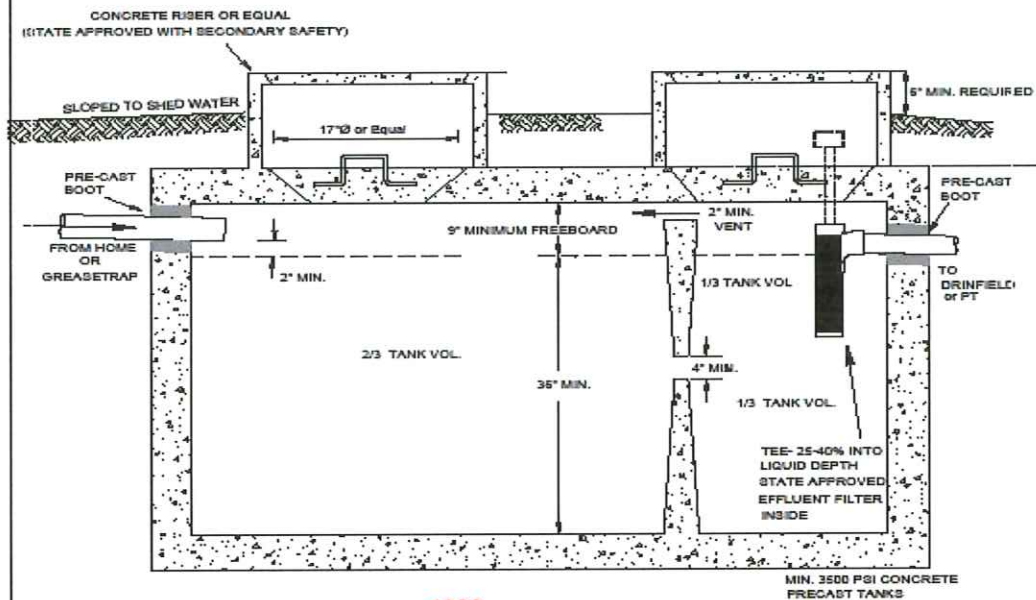
LINE #	TAPS	LENGTH
1	3/4in SCH 40	65
2	3/4in SCH 40	65



Pressure Manifold Detail
N/A
Environmental Services

Designed	ICD	Date	10/23/2018	File Name	Pressure Manifold Detail
Revision	0		N/A	Drawing No.	1/1
Approved	ICD		10/23/2018	Sheet	1 of 1
No Scale					

**WAKE COUNTY SEPTIC TANK DETAIL (SCHEMATIC)
(NOT TO SCALE)**



1000 Gallon (Min.)

**STATE APPROVED SEPTIC TANK WITH A STB NUMBER
(TRAFFIC RATED TANK REQUIRED FOR > 3' BURIAL)**



**SEPTIC TANK DETAIL
N/A
Environmental Services**

Designed	ICD	Date	10/23/2018	File Name	Pressure Manifold Detail
Revision	0	N/A		Drawing No.	1/1
Approved	ICD	10/23/2018		Sheet 1	of 1
No Scale					

**STATE APPROVED PUMP TANK WITH A PT NUMBER
(TRAFFIC RATED TANK REQUIRED FOR > 3' BURIAL)**



Date		File Name:
Designed	ICD 15/23/2018	Pressure Manifest Detail
Revision	0 N/A	Drawing No.
Approved	ICD 15/23/2018	1/1
No Scale		Sheet 1 of 1

PUMP CURVE AND SPECIFICATIONS

Pump and Control Panel Specification Required:

Pump:

Pump to be UL or equal listed

TDH and Pumping rate calcs & curve

Dose volume

3 floats system in a float tree or bracket of non-corrosive material

Highwater alarm within 6" from "on" float

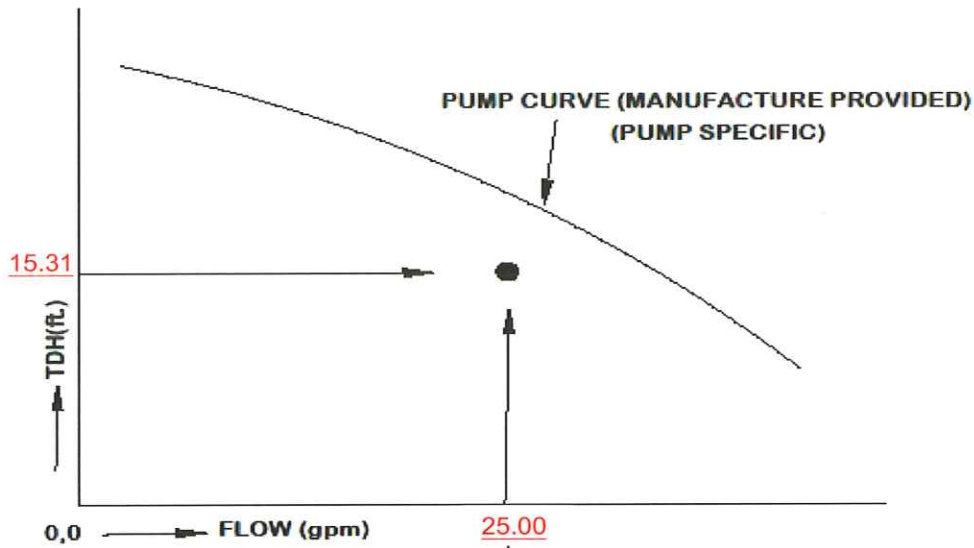
Off float at min. 12" from bottom of tank or to submerge pump

(Manufacture may certify/specify pumps suitability taller than 12" if unsubmerged)

Supply Line Profile when variation in ground profile of more than 5'

Effluent Pump should handle min. 1/2 "solids"

Gate valve, true union disconnect and connection inside tank reachable within 16" from riser top



Control Panel Specifications:

Installed within 2 ft. and

min. 16" above final grade to bottom of panel box

HOA switch provided

NEMA 4X box

Cycle counter & elapsed time meter

Alarm (audible/visible)

Separate circuits for alarm and pumps

High voltage protection

Pump Pull Rope/chain (non-corrosive)

All duct sealed, no splices or junction boxes inside tanks

3/16th inch hole between Check valve (in vertical pipe) and pump



PUMP CURVE AND SPECS.
N/A
Environmental Services

Designed	ICD	Date	10/23/2018	File Name	Pressure Manifold Detail
Revision	0	REA		Drawing No.	
Approved	ICD	10/23/2018		1/1	
No Scale				Sheet 1	of 1

Minimum Panel Requirements

The following items will be considered the minimum for all pump systems:

1. It must be a NEMA 4X Box.
2. It must use a HOA (Hand, Off, Auto) switch to control the pump. No more use of piggyback plugs!
3. It must have a motor contactor to prevent high voltage electricity in the water at all times.
4. It must have an audible and visual alarm.
5. **All Pressure Manifold and LPP Systems must have an elapsed time meter and cycle counter installed in the panel.**
6. It must have 2 separate power supplies, wired from the fuse panel at the house.
7. All panels must have 2 circuit breakers installed in the panel to allow for disconnecting of power, so that the pump or switches maybe serviced.
8. Panels and pumps are to be wired at the time of our inspection. Power must be supplied by use of generators or from the house temporary meter, if the builder applied for it and has had all required inspections and the temporary meter has been set. **We will no longer inspect any system that has been hot wired from the temporary power pole or jumped through the house wiring without a meter being set.**

Pressure Manifolds

1. A float tree or hanging floats must be used.
2. A Simplex Control Panel with a Hand - Off - Auto switch and alarm in a NEMA - 4X box is required. See the plans or CA comments for further details on the panel.
3. 2 separate power supplies are needed. Try to look and make sure they have not used a 120V only panel with a 240V pump.
4. The taps and pipes for the taps must be of the same material! If it is a sch80 tap (usually gray plastic) then the tap, pipe and valve (the valve can be sch40pvc if there is an adequate amount of sch80 pipe used) must be constructed of sch80pvc. The same goes for sch40 taps, you cannot use sch80 pieces with the sch40.
5. The taps must go directly to the 3" pipe; no elbows can be used in the tap connections.
6. All of the tap must be the same size or larger. 3/4" pipe cannot have a 1/2" valve, but a 1/2" pipe could have a 3/4" valve, if at there is at least 6" total 1/2" pipe used.
7. Should the wrong size or material be used in the tap itself, the flow to the line can be corrected by using an adequate amount of the proper pipe material and size. The amount of pipe needed to control the flow is dependent on the size pipe/tap. If 1/2" pipe is needed, then at least 6" of total pipe is needed. A 3/4" size requires at least 9" of pipe to be used. A 1" size needs 12" of total pipe length to control the flow.

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-058655-2021****APPLICATION DATE: 04/29/2021****BLDG. PERMIT #: RABS-058653-2021****PIN: 1788165571****RECORDED: Yes****TOWNSHIP: 09 - Little River****JURISDICTION: Wake County****ZONING: R-80W****APPLICANT: Kathryn Fritchle**

5416 Pulley Town Road 5416 Pulley Town Road

BUSINESS PHONE:**HOME PHONE:****MOBILE PHONE: (614) 940-0663****HD USE: 204 RESIDENTIAL ACCESSORY DWELLING****EXISTING USE:****SITE ADDRESS: 5416 PULLEY TOWN RD****SUBDIVISION: PROP SURVEY BILL CLEMENT****LOT:****ACRES: 7.56****DIRECTIONS: .**

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: Private Sector****SITE CLASSIFICATION: Provisionally Suitable****IP STATUS: Issued****BY: Jeremy Davis****DATE: 05/18/2021****NUMBER OF BEDROOMS: 2****OR TOTAL NUMBER OF OCCUPANTS: 4****PERMITTED DESIGN FLOW: 240 GPD****BASEMENT: No****BASEMENT PLUMBING: No****WASTEWATER STRENGTH: Domestic****SYSTEM TYPE: II A****LTAR: 0.350****EXISTING SYSTEM UTILIZED: No****PRETREATMENT STRENGTH REQUIRED: None****EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No****MAXIMUM TRENCH DEPTH: 20 INCHES****PUMP REQUIRED: No**

SPECIFIC SYSTEM REQUIREMENTS: -System designed for 2 bedroom residential accessory dwelling, having 240 gals per day (Design Flow).

-Future Repair is a IIA type system. With a Max Trench depth of 20" and a 0.35 LTAR.

-Site serviced by (existing) private well water.

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

-Maintain all required setbacks.

ISSUED BY:

A handwritten signature in black ink, appearing to be 'JSP', written over a horizontal line.

DATE: 05/18/2021

STATE OF NORTH CAROLINA
COUNTY _____
I, JOHN T. PHELPS JR., PROFESSIONAL LAND SURVEYOR,
do hereby certify that the above and recorded in Book _____ of
Deed Records _____, that is _____ of the BEAUFORT
PLACED IS _____ RANGELINE LINES PLOTTED
IN BOOK _____ PAGE _____
ARE SHOWN AS ACCORDANCE WITH THE
NOT SURVEYED IN BOOK _____ PAGE _____
CIRCUMSTANCES FOUND PREPARATION OF THIS DEED
THAT THIS DEED IS AMENDED RECORD _____
G.S. _____

JOHN T. PHELPS JR.

REGISTRATION FILE _____

NORTH CAROLINA
SEAL
11-11-319

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-058655-2021 **APPLICATION DATE:** 04/29/2021 **BLDG. PERMIT#:** RABS-058653-2021
PIN: 1788165571 **RECORDED:** Yes
TOWNSHIP: 09 - Little River **JURISDICTION:** Wake County **ZONING:** R-80W
APPLICANT: Kathryn Fritchle
5416 Pulley Town Road 5416 Pulley Town Road **BUSINESS PHONE:**
HOME PHONE:
MOBILE PHONE: (614) 940-0663
HD USE: 204 RESIDENTIAL ACCESSORY DWELLING **EXISTING USE:**
SITE ADDRESS: 5416 PULLEY TOWN RD
SUBDIVISION: PROP SURVEY BILL CLEMENT **LOT:** **ACRES:** 7.56
DIRECTIONS: .

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: TODD SR, GLENN A - 2770 - IV

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

SYSTEM TYPE INSTALLED: II A

OPERATION PERMIT: STATUS: Issued

ISSUED BY: James Adcock

ISSUED DATE: 07/30/2021

SEPTIC TANK: Erader Mills - STB-858 - 1000
gallons

DATE OF MANUFACTURE: 05/21/2021 **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: 1.42

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	80	5.4
20	12	80	6.1
20	12	80	9.7

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

SPECIFIC OPERATION REQUIREMENTS:

- system is for a 2 bedroom apartment above a garage at 240 gpd.
- On-site private well.

ISSUED BY:



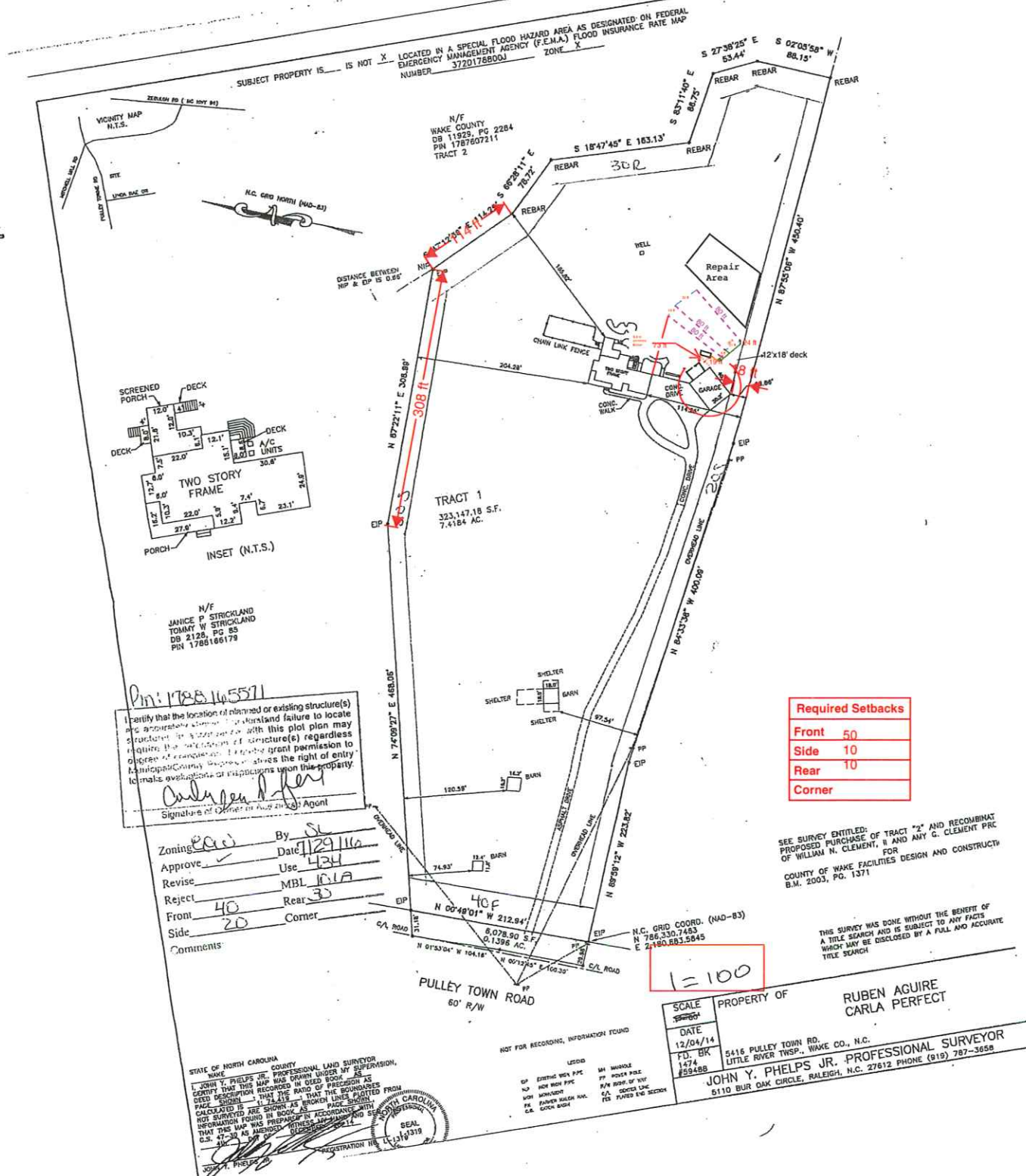
DATE: 07/30/2021



RABS 058653-2021

WAKE COUNTY N.C. P.D.I.
REVISED SITE PLAN

W14412



Required Setbacks	
Front	50
Side	10
Rear	10
Corner	

SEE SURVEY ENTITLED:
PROPOSED PURCHASE OF TRACT "2" AND RECOMBINANT
OF WILLIAM N. CLEMENT, JR. AND ANY G. CLEMENT, JR.
FOR
COUNTY OF WAKE FACILITIES DESIGN AND CONSTRUCTION
B.M. 2003, PG. 1371

THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF
A TITLE SEARCH AND IS SUBJECT TO ANY FACTS
WHICH MAY BE DISCLOSED BY A FULL AND ACCURATE
TITLE SEARCH

SCALE 1"=100'
DATE 12/04/14
F.D. BK 1474
#59488
PROPERTY OF
RUBEN AQUIRE
CARLA PERFECT
5418 PULLEY TOWN RD.
LITTLE RIVER TWP., WAKE CO., N.C.
JOHN Y. PHELPS JR., PROFESSIONAL SURVEYOR
5110 BUR OAK CIRCLE, RALEIGH, N.C. 27612 PHONE (919) 787-3658

STATE OF NORTH CAROLINA
COUNTY OF WAKE
I, JOHN Y. PHELPS JR., PROFESSIONAL LAND SURVEYOR,
DO HEREBY CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION,
AND THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.
JOHN Y. PHELPS JR.
PROFESSIONAL LAND SURVEYOR
N.C. REG. NO. 12193
SEAL

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL PERMIT
***PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED
OR INTENDED USE CHANGED***

WELL CONSTRUCTION AUTHORIZATION

PERMIT #: GW-085106-2022

APPLICATION DATE: 07/15/2022

SITE INFORMATION:

PIN: 1788165571

SITE ADDRESS: 5416 PULLEY TOWN RD
ZEBULON, 27597

SUBDIVISION:

LOT:

ACRES: 8

TOWNSHIP:

JURISDICTION: R-80W

ZONING:

APPLICANT: johnathan fritchle

PHONE NUMBER: (919) 909-4173

OWNER:

PROPOSED USE:

EXISTING USE:

PERMIT CONDITIONS & COMMENTS:

A review of GIS datasets of known contamination sites revealed one or more known contamination sites within 1500 ft of the subject parcel or subject historical activities. Additional testing of this well for Volatile Organic Compounds (VOCs) will be required for final approval of this water supply.

A review of GIS datasets revealed one or more buildings built between the years 1948 and 1987 within 150 feet of the subject parcel. Additional testing of this well for Pesticides will be required for final approval of this water supply.

Due to the underlying geology at this site, Wake County requires testing of this well for Gross Alpha** activity to screen for radiological contaminants. In addition, Wake County recommends a test for radon in water.

**GROSS ALPHA TESTING NOTE: Please allow 8 to 12 weeks for gross alpha testing. Initial gross alpha testing takes 3 to 4 weeks. If the initial test exceeds drinking water standards (which happens in approximately 1 in 5 cases), installation of treatment is required along with confirmation testing of the treated water, requiring an additional 3 to 4 weeks for the confirmation test.

If the initial treatment system installed is insufficient, additional corrective action and testing will be required.

Well setbacks:

1. 25' from proposed building.
2. 25' from barn.
3. 100' from proposed new septic system.
4. 100' from side property line.

Well driller is to verify all distance requirements before drilling.

OTHER CONDITIONS:

:

SCOPE: SATISFIED?:

COMMENTS:

See attached site plan for well location and wastewater system design. If changes are necessary, prior approval by this Wake County Environmental Services is required before installation. The testing required under this permit does not include all possible contaminants. Private wells are not routinely monitored by a utility or other agency. Continued monitoring of private wells and testing for contaminants other than those required for the certificate of completion or certificate of occupancy is the responsibility of the well owner. Neither Wake County nor the Environmental Health Specialist warrants the quantity or quality of water produced by this well.

This construction authorization permit expires on 07/19/2027.

PERMIT ISSUED: 07/20/2022

ISSUED BY: Glen Shoemaker

**Wake County Planning, Development, & Inspections**

Wake County Office Building
336 Fayetteville Street, Suite 101
PO Box 550, Raleigh, NC 27602-0550
Phone: 919-856-6060
Fax: 919-856-6229

<https://energovcitizenaccess.tylertech.com/WakeCountyNC/SelfService>

RESIDENTIAL BUILDING PERMIT

P&I - Residential Accessory Building Structure / Deck

PIN: 1788165571

Permit # RABS-083204-2022

Project Site: 5416 PULLEY TOWN RD ZEBULON, 27597

Description: ****SCOPE OF WORK**** 30X50 DECK AROUND POOL BUILT WITHOUT PERMITS(PPOOL PERMIT RABS-083206-2022)

Finished Sq Ft: 0

Project Cost: \$10,000.00

Issued Date: 07/18/2022

Number of Stories: 2

Number Finished Bdrms:

Number of Unfin. Bdrms:

Basement: No

Garage: Yes

Sunroom: No

Porches: Front

Decks: Rear

Fireplaces Masonry: 0

Prefab Solid Fuel: 0

Prefab Gas: 1

Water Supply Source: On-site Private Well

Provider:

Wastewater Disposal Type: On-site Subsurface

Provider:

Total Impervious Surface Permitted: 0

As Build Required:

CONTRACTOR TYPE

NAME

LIC#

Owner/Builder

johnathan fritchle

THE APPLICANT AGREES TO COMPLY WITH ALL BUILDING REGULATIONS AND OTHER LAWS APPLICABLE TO THE USE OF THE STRUCTURE AND FACILITIES REFERRED TO HEREIN. THE PERMIT ISSUED FOR WORK SHALL EXPIRE BY LIMITATION SIX MONTHS AFTER THE DATE OF ISSUANCE IF THE WORK AUTHORIZED HAS NOT BEEN COMMENCED. IF AFTER COMMENCEMENT THE WORK IS DISCONTINUED FOR A PERIOD OF 12 MONTHS, THE PERMIT THEREFORE SHALL IMMEDIATELY EXPIRE. NO WORK AUTHOURIZED BY ANY PERMIT THAT HAS EXPIRED SHALL THEREFORE BE PERFORMED UNTIL A NEW PERMIT HAS BEEN SECURED.

If you question a code call made by your inspector, please discuss it with that inspector first. If you still have questions, please contact the Chief Inspector of that trade.

Chief Building Inspector

Kenny Dorman

kdorman@wakegov.com

(919) 524-4623

Chief Electrical Inspector

Aden Branch

Steven.Branch@wakegov.com

(919) 524-4597

Chief Mechanical and Plumbing

Ed Savage

Ed.Savage@wakegov.com

(919) 524-4639

A copy of our Inspection Appeal Process can be found at

<http://www.wakegov.com/inspect/Pages/Wake-County-Inspections-Appeals-.aspx>



Wake County

Permits and Inspections

Building Permit Placard

Inspection Office
(919) 856-6060

Inspections Scheduling:
<https://energovcitizenaccess.tyleritech.com/WakeCountyNC/SelfService>

NOTE - IT IS UNLAWFUL TO OCCUPY OR TO PERMIT THE OCCUPANCY OF ANY BUILDING FOR WHICH A CERTIFICATE OF OCCUPANCY HAS NOT BEEN ISSUED.

Issue Date 07/18/2022

Address 5416 PULLEY TOWN RD ZEBULON, 27597

of Stories 2 As Built Req. _____

Basement No _____

CONTRACTORS

Building: _____

Electrical: _____

Mechanical: _____

Plumbing: _____

Sprinkler: _____

(Do Not Remove or Deface This Card)

Building
Permit
Number

RABS-083204-2022

IMPORTANT - Contractor performing work must call in for all inspections. Approved plans must be on job before work will be inspected.

Note: Display this card in a conspicuous location such as driveway entrance.

WORK REQUIRED TO BE INSPECTED AND APPROVED	INSPECTOR'S APPROVAL	DATE
1. EXCAVATING - FOOTINGS		
2. TEMPORARY POWER POLE		
3. ELECTRICAL GROUND WORK		
4. PLUMBING GROUND WORK		
5. MECHANICAL GROUND WORK		
6. INITIAL ZONING SITE INSPECTION		
7. FOUNDATION		
8. BUILDING SLAB		
9. ELECTRICAL ROUGH-IN		
10. HEATING/AIR CONDITIONING ROUGH-IN		
11. PLUMBING ROUGH-IN		
12. WATER FINAL		
13. SEWER FINAL		
14. COMPLETION OF WATER & SEWER SYSTEM		
15. FRAMING		
16. CONCEALED INSULATION		
17. CHANGE OF SERVICE		
18. ELECTRICAL FINAL		
19. HEATING/AIR CONDITIONING FINAL		
20. PLUMBING FINAL		
21. BUILDING FINAL		
22.		
23.		
24.		

RABS 083204-2022



**Nake County Environmental Services
Water and Wastewater Section**

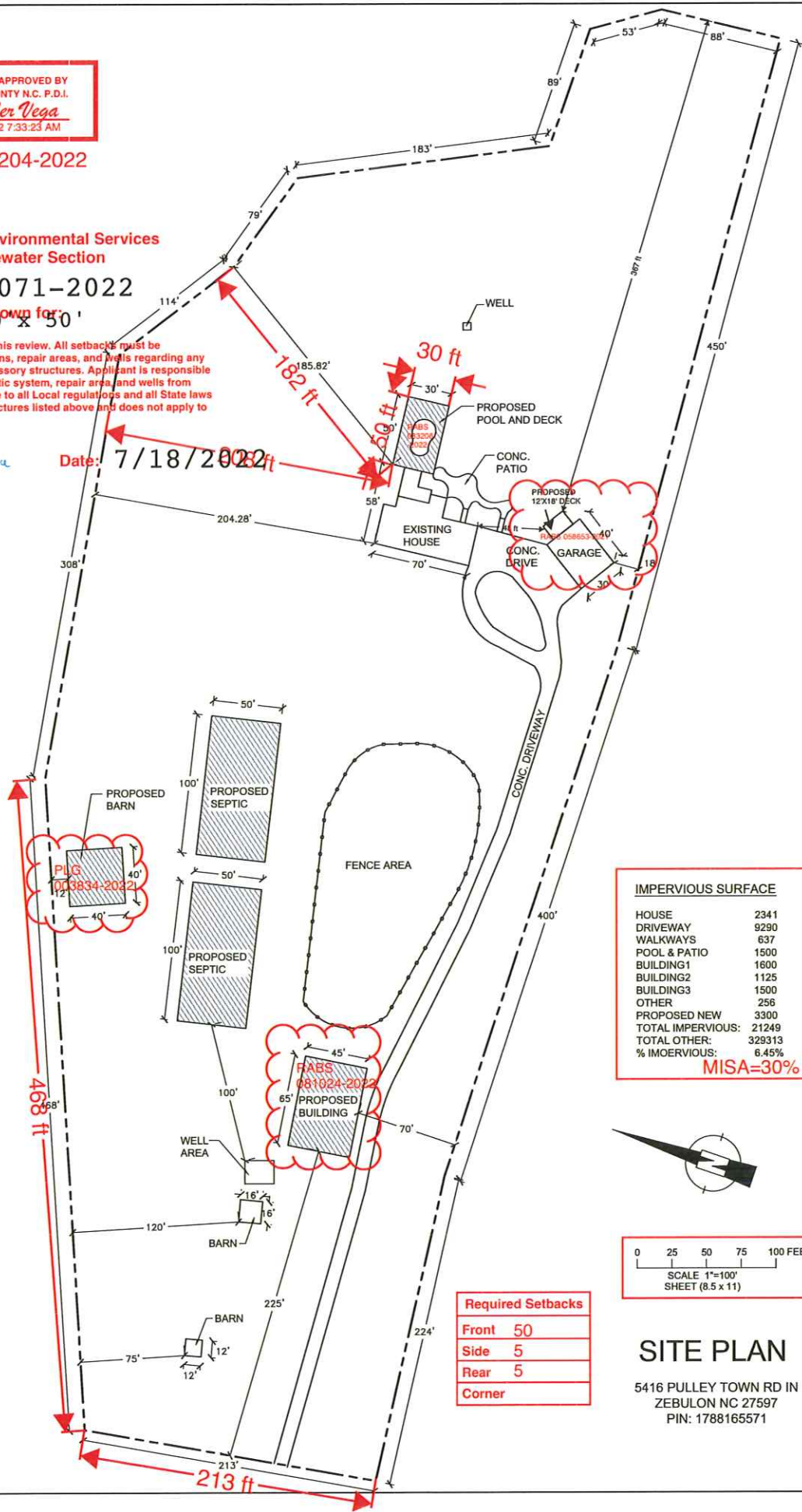
ASP-085071-2022

Site plan reviewed as shown for:

Any changes to the site plan voids this review. All setbacks must be maintained for existing septic systems, repair areas, and wells regarding any pools, decks, additions, and/or accessory structures. Applicant is responsible for protecting all portions of the septic system, repair areas and wells from damage during construction. Adhere to all Local regulations and all State laws and rules. This review is for the structures listed above and does not apply to any other structures on site.

Reviewed by: *Nalle Spencer*

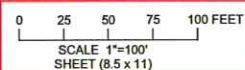
Date: 7/18/2022



IMPERVIOUS SURFACE

HOUSE	2341
DRIVEWAY	9290
WALKWAYS	637
POOL & PATIO	1500
BUILDING1	1600
BUILDING2	1125
BUILDING3	1500
OTHER	256
PROPOSED NEW	3300
TOTAL IMPERVIOUS:	21249
TOTAL OTHER:	329313
% IMOEUVIOUS:	6.45%

MISA=30%

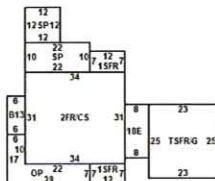


Required Setbacks

Front	50
Side	5
Rear	5
Corner	

SITE PLAN

5416 PULLEY TOWN RD IN
ZEBULON NC 27597
PIN: 1788165571



Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0027804

PIN #: 1788165571

OP DATE: 1011312003

SYSTEM USE:

- ☒ House
☐ Mobile Home
☐ Business
☐ Other

SEWAGE TYPE:

- ☒ Domestic
☐ Industrial

PUMP/SIPHON?:

- ☐ Yes
☒ No

PRESSURE MANIFOLD:

- ☐ Yes
☒ No

SYSTEM TYPE:

- ☐ I
☐ II
☒ III
☐ IV
☐ V
☐ VI
☐ Other

SUB TYPE:

- ☐ A
☐ B
☐ C
☐ D
☐ E
☐ F
☒ G

NBR BEDROOMS:

- ☐ 1
☐ 2
☒ 3
☐ 4
☐ 5
☐ 6
☐ Other

MAINT. SCHEDULE:

- ☐ Yes
☒ No

CERT. OPERATOR

- ☐ Yes
☒ No

GT ST PT SIZE

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | | 750 |
| ☐ | ☐ | ☐ | 900 |
| ☐ | ☐ | ☐ | 1,000 |
| ☐ | ☐ | ☐ | 1,200 |
| ☐ | ☐ | ☐ | 1,500 |
| ☐ | ☐ | ☐ | 1,800 |
| ☐ | ☐ | ☐ | 2,100 |
| ☐ | ☐ | ☐ | 2,500 |
| ☐ | ☐ | ☐ | 3,000 |
| ☐ | ☐ | ☐ | 4,000 |
| ☐ | ☐ | ☐ | 5,000 |
| ☐ | ☐ | ☐ | 8,000 |
| ☐ | ☐ | ☐ | 10,000 |
| ☐ | ☒ | ☐ | Other |
| ☒ | | ☒ | None/NA GT or PT |

DRAINFIELD SIZE(SQ. FT.)

00000

DRAIN TYPE:

- ☐ Stone
☐ EZ Flow
☐ Infiltrator
☐ Biodiffuser
☐ Cultec
☐ Drip
☐ Hancor
☐ Large Dia. Pipe
☐ Multi-Pipe
☐ Other

MAX DEPTH (IN.):

- ☐ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ 26 in. or less
☐ 28 in. or less
☐ 30 in. or less
☐ 32 in. or less
☐ 36 in. or less
☒ Other

STONE DEPTH (IN.):

- ☐ 8 in. or less
☐ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☒ Other

TRENCHES:

- ☒ Individual
☐ Bed

TRENCH WIDTH (IN.):

- ☐ 12 in. or less
☐ 18 in.
☐ 24 in.
☐ 36 in.
☐ 6 ft. or less
☐ 9 ft. or less
☒ Other

BW 2/17/14

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT
NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED
UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

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

PERMIT#: D027804 STATUS: A APP. DATE: 07/22/2003 BLDG. PERMIT#:
PIN: 1788.01 16 5571 000 TAX MAP: 0292 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 09 LITTLE RIVER JURISDICTION: WC ZONING: R80W
APPLICANT: BEV NORWOOD
WCOB 12 TH FLOR
RALEIGH, NC 27602
(919) 856 - 6176
USE: HD USE: 0002 VERIFY/EXISTING SYSTEM
EXIST USE: 101 ONE-FAMILY HOUSE
DISPOSAL: BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0
SITE: ADDRESS: 5416 PULLEYTOWN RD
SUBDIVISION: CLEMENT, WILLIA LOT: 1 ACRES: 0.07
DIRECTION: NORTH ON CAPT. BLVD, RT ONTO 401, RT O MITCHILL
MILL RD, RT ON PULLEYTOWN RD, SITE ON LEFT

Well System: WATER: INDIVIDUAL - TYPE: IRRIGATION *Existing*

WELL LOG INFORMATION: DEPTH: _____ CASING DEPTH: _____ YIELD: _____ STATIC LEVEL: _____
WELLI CONTRACTOR: _____ REG.# _____ PUMP CONTRACTOR: _____ REG.# _____
Construction Compliance GROUT APPROVED ☐ DATE _____ EHS _____
WELLHEAD APPROVED ☐ DATE _____ EHS _____
SYSTEM FINALIZED ☐ DATE _____ EHS _____

COMMENTS:

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER: _____

INSTALLED BY: _____ INSTALLATION APPROVED BY: _____
PROPRIETARY SYSTEM: _____ FILTER NO: _____
COMMENTS:

OPERATIONS PERMIT ISSUED? *Y* OP DATE: *10-13-03* BY: *Everett L. Coates*

This permit is based in part on information provided by the homeowner 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 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.

As Built Information:

Date: _____ Benchmark: _____ Rod reading: _____ Distance to Structure: _____
ST: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to Well: _____
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____
D-box/FD/PM elev.: _____ Supply Line: _____ ft. Pump/Control Panel: _____
Line 1: _____ Date: _____
Line 2: _____ Date: _____
Line 3: _____ Date: _____
Line 4: _____ Date: _____
Line 5: _____ Date: _____
Distance to P/L: _____ Notes: _____

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

PERMIT#: D027804 STATUS: C APP. DATE: 07/22/2003 BLDG. PERMIT#: _____
PIN: 1788.01 16 5571 000 TAX MAP: 0292 RECORDED: Y ORIG. PERMIT#: _____
TOWNSHIP: 09 LITTLE RIVER JURISDICTION: WC ZONING: R80W
APPLICANT: BEV NORWOOD
WCOB 12 TH FLOR
RALEIGH, NC 27602
(919) 856 - 6176
USE: HD USE: 0002 VERIFY/EXISTING SYSTEM
EXIST USE: 101 ONE-FAMILY HOUSE
DISPOSAL: BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0 FOUND DRAIN: N
SITE: ADDRESS: 5416 PULLEYTOWN RD
SUBDIVISION: CLEMENT, WILLIA LOT: 1 ACRES: 0.07
DIRECTION: NORTH ON CAPT. BLVD, RT ONTO 401, RT O MITCHILL
MILL RD, RT ON PULLEYTOWN RD, SITE ON LEFT

IMPROVEMENT PERMIT

TANK SIZE: EXIST gal. PUMP Tank: _____ gal. SQ FT: _____ INNOVATIVE MAX DEPTH LINE: _____ in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III G PUMP: N P/M: N
DAILY FLOW: 360 gal/day DESIGN FEE REQ?: _____ PAID?: _____ WATER: INDIVIDUAL

COMMENTS:

IP ISSUED? _____ DATE: _____ BY: () PHONE#: _____

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

AUTHORIZATION CONDITIONS:

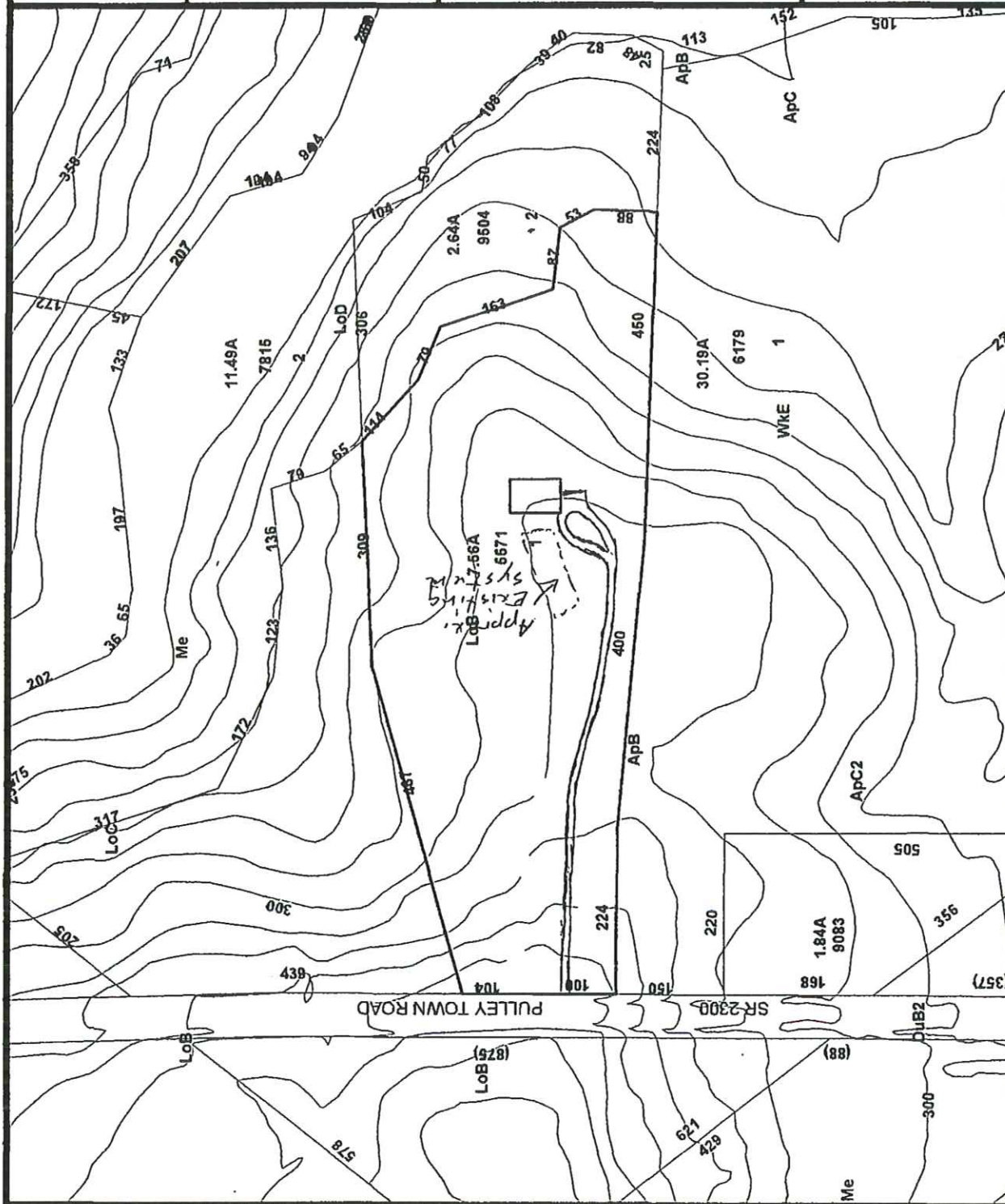
Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. **OTHER CONDITIONS:**
EXISTING SYSTEM SHOWS NO EVIDENCE OF MALFUNCTION AS OF THE DATE OF THIS INSPECTION. REPAIR AREA IS NOT IMPACTED BY THE PROPOSED RECOMBINATION. THIS C. A. NEITHER GUARANTEES NOR IMPLIES THAT THE EXISTING SYSTEM WILL CONTINUE TO FUNCTION PROPERLY FOR ANY SPECIFIC PERIOD OF TIME.

TANK SIZE: EXIST gal. PUMP TANK: _____ gal. SQ FT: _____ INNOVATIVE MAX DEPTH LINE: _____ in.
MAINT: N OPER: N L/O: N TRENCH#: _____ LENGTH: _____ ft. WIDTH: _____ in. DESIGNER: _____
SUBFIELDS: _____ DESIGN HEAD PRESSURE: _____ DESIGN FLOW: _____ gal/min DOSE VOLUME: _____ gal.

CA ISSUED? Y DATE: 10/13/2003 BY: (ELC) Everitt L. Coates PHONE#: 856-5380



C.A. Sitz Plan
D27804



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