

Harnett County Department of Public Health

PERMIT # EH 2203-0008

Operation Permit

New Installation Septic Tank Nitrification Line Repair Expansion

PROPERTY LOCATION: 43 ALLWOOD DR. CHRISTIAN LIGHTS

Name: (owner) TIM HARDUK / KB HOMES CAROLINAS SUBDIVISION MASON POINTE PH 2 LOT # 2

System Installer: THOMPSON PLUMBING

Basement with plumbing: Garage Number of Bedrooms 3

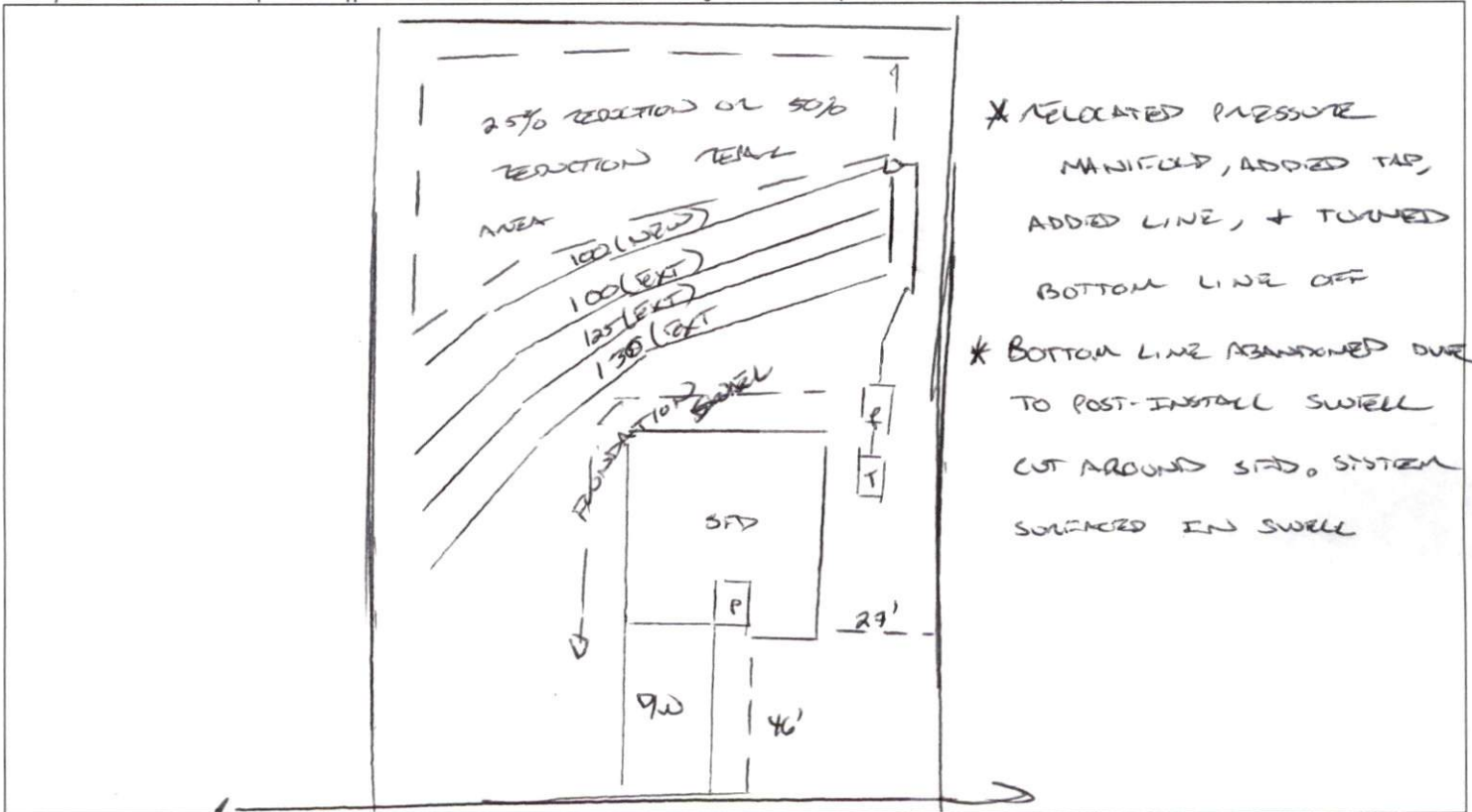
Type of Water Supply: Community Public Well Distance from well NA feet

System Type: 25% REDUCTION SIS. IIB Types V and VI Systems expire in 5 years.

(In accordance with Table V a)

Owner must contact Health Department 6 months prior to expiration for permit renewal.

This system has been installed in compliance with applicable North Carolina General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.



PERMIT CONDITIONS:

- I. Performance: System shall perform in accordance with Rule .1961.
- II. Monitoring: As required by Rule .1961.
- III. Maintenance: As required by Rule .1961. Other: _____
 Subsurface system operator required? Yes No
 If yes, see attached sheet for additional operation conditions, maintenance and reporting.
- IV. Operation: _____
- V. Other: _____

D-Box Pump Alarm H2O Line PWR Line

Following are the specifications for the sewage disposal system on the above captioned property.

Type of system: Conventional Other 125 FLOW IIB Septic Tank: EXT gallons Pump Tank: 54 gallons

Subsurface No. of exact length width of depth of

Drainage Field ditches 1 of each ditch 100 feet ditches 3 feet ditches 20 inches

French Drain Required: _____ Linear feet

Authorized State Agent [Signature] Date 04/20/2022

HTE# SFD 1910-0022

Harnett County Department of Public Health

25971

PERMIT # NA

Operation Permit

521412

New Installation Septic Tank Nitrification Line Repair Expansion

PROPERTY LOCATION: 43 Allwood Dr. (Christina G. Road)

Name: (owner) KB Homes Carolinas SUBDIVISION Mason Pointe PH 2 LOT # 2

System Installer: Thornton Plumbing Registration # _____

Basement with plumbing: Garage Number of Bedrooms 4

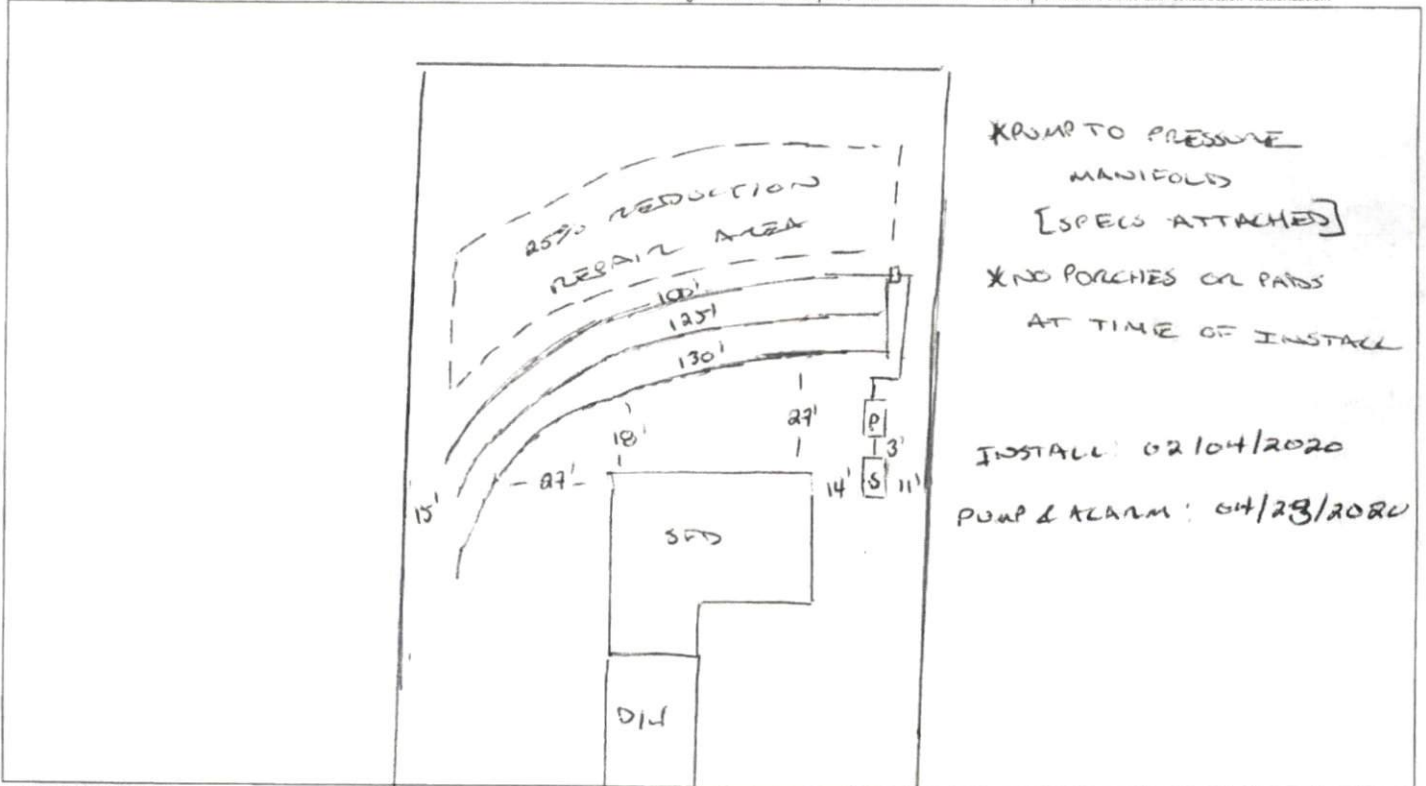
Type of Water Supply: Community Public Well Distance from well NA feet

System Type: 25% reduction system TTB Types V and VI Systems expire in 5 years.

(In accordance with Table V a)

Owner must contact Health Department 6 months prior to expiration for permit renewal.

This system has been installed in compliance with applicable North Carolina General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.



PERMIT CONDITIONS:

- I. Performance: System shall perform in accordance with Rule .1961.
- II. Monitoring: As required by Rule .1961. ALWAYS DRIVE
- III. Maintenance: As required by Rule .1961. Other: _____
Subsurface system operator required? Yes No
If yes, see attached sheet for additional operation conditions, maintenance and reporting.
- IV. Operation: _____
- V. Other: _____

D-Box Pump Alarm H2O Line PWR Line

Following are the specifications for the sewage disposal system on the above captioned property.

Type of system: Conventional Other EZ Flow TTB Septic Tank: 1000 gallons Pump Tank: 1000 gallons
 Subsurface No. of exact length 100, 125, width of depth of
 Drainage Field ditches 3 of each ditch 150 feet ditches 3 feet ditches 24 inches
 French Drain Required: _____ Linear feet

Authorized State Agent

[Signature]

Date 04/23/2020

Mason Point Lot 2

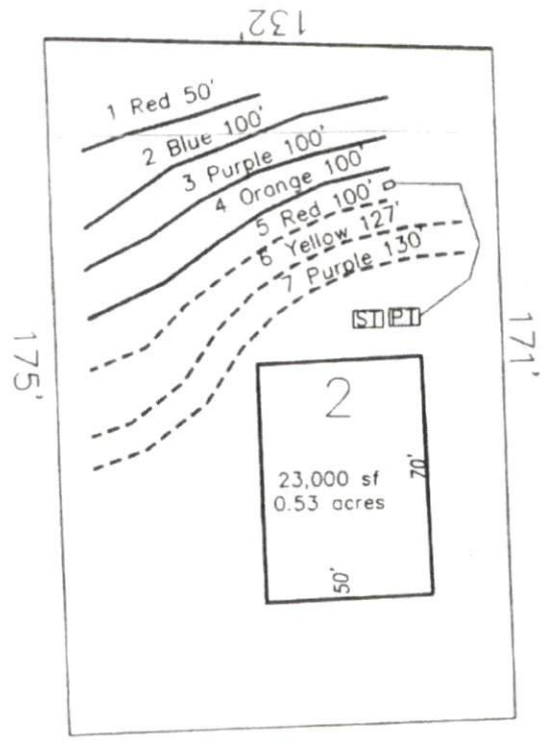
Bench Mark		is = 100.00 Location of BM EIP				Elevation Head		5.40	
Pump tank elev.		5.5	94.50	Pump elev.	89.10	Manifold elev.		97.20	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
5	Red	3.80	96.20	100	1/2in SCH 40	7.11	124.97	300	0.4166
6	Yellow	4.30	95.70	127	3/4in SCH 80	10.1	177.52	381	0.4659
7	Purple	4.70	95.30	130	3/4in SCH 80	10.1	177.52	390	0.4552

total	feet =	357	gal/min =	27.31	<u>LTAR =</u>	0.3500
					<u>LTAR + %5</u>	0.3675
					(ltar W/ INOV)	0.4667
					(ltar W/ INOV + 5%)	0.4900
			<u>Des. Flow</u>	480		
			Pump Run=	17.58		
			Tank Gal/IN	19.65		

**Mason Point Lot 2
Repair**

Bench Mark		is = 100.00 Location of BM EIP				Elevation Head		9.5	
Pump tank elev.		5.5	94.5	Pump elev.	89.5	Manifold elev.		99	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Red	2.00	98.00	50	1/2in SCH 80	5.48	61.20	150	0.4080
2	Blue	2.30	97.70	100	1/2in SCH 40	12.5	139.60	300	0.4653
3	Purple	2.90	97.10	100	3/4in SCH 40	12.5	139.60	300	0.4653
4	Orange	3.40	96.60	100	3/4in SCH 40	12.5	139.60	300	0.4653

total	feet =	350	gal/min =	42.98	LTAR =	0.35
					LTAR + %5	0.3675
					(ltar W/ INOV)	0.4667
					(ltar W/ INOV + 5%)	0.4900
			<u>Des. Flow</u>	480		
			Pump Run=	11.17		
			Tank Gal/IN	19.65		



System: - - - - -
 Repair: ————

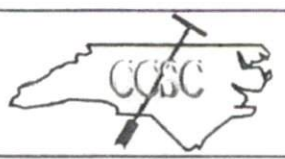
- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.

GRAPHIC SCALE
 1" = 50'



System: Pressure Manifold
 Lines: 5-7, (355')
 Accepted Status System
 0.35 Soil LTAR
 24" Trench Bottom

Repair: Pressure Manifold
 Lines: 1-4, (350')
 Accepted Status System
 0.35 Soil LTAR
 24" Trench Bottom



Central Carolina Soil Consulting, PLLC
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4-Bedroom Septic Layout
 Lot 2, Masons Pointe Subdivision
 Harnett County, North Carolina

Job# : 2031
Drawn By : AH
Date : 04/22/2019
Revision: