

HTE# SFD1910-0031

Harnett County Department of Public Health

25965

PERMIT # NA

Operation Permit

New Installation Septic Tank Nitrification Line Repair Expansion

PROPERTY LOCATION: 145 Allwood Dr. (Christian H. rd.)

Name: (owner) KB Homes Carolina SUBDIVISION Mason Pointe PH 2 LOT # 6

System Installer: Thornton Plumbing Registration # _____

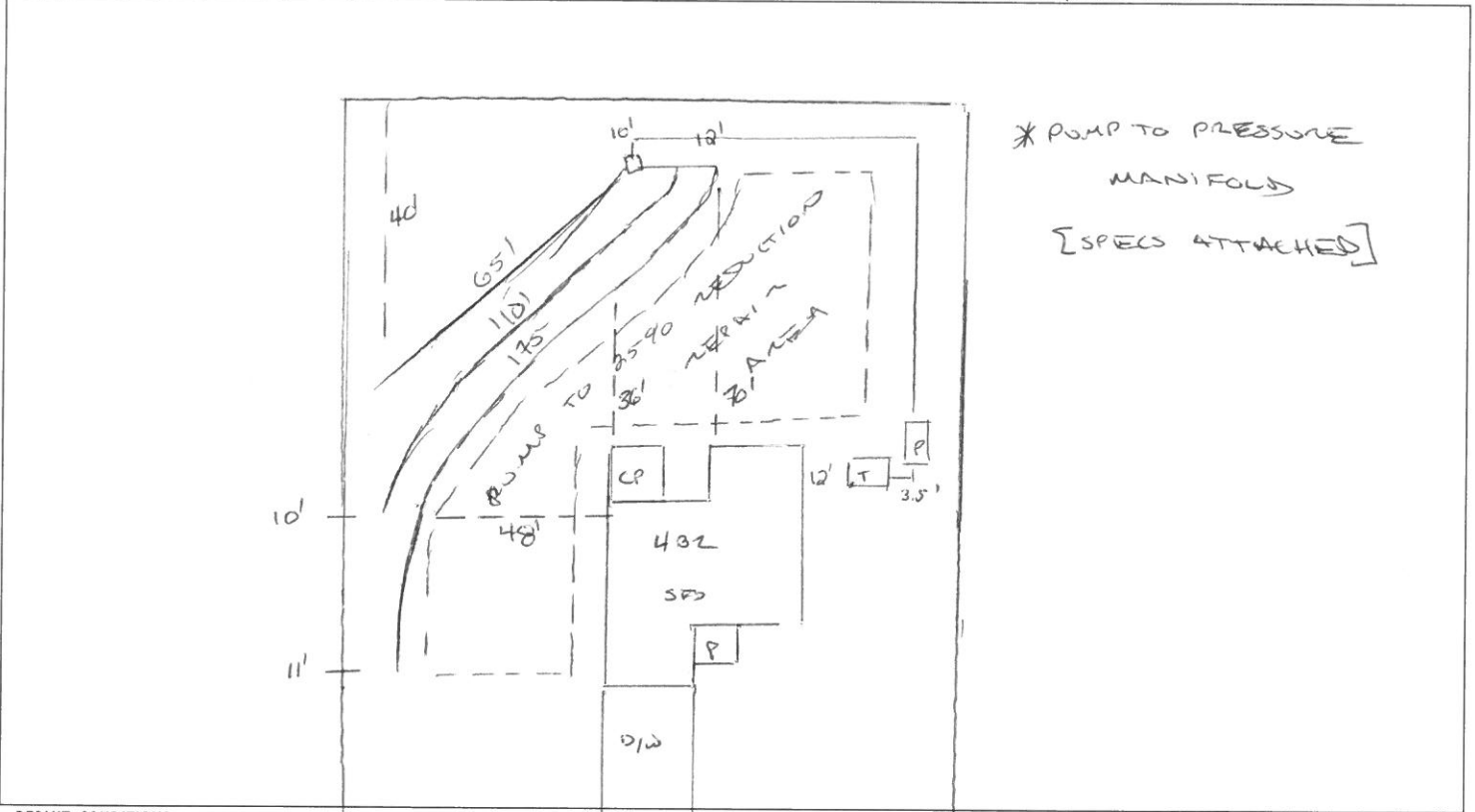
Basement with plumbing: Garage Number of Bedrooms 4

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

System Type: 25% Reduction System III 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 EE Flow III Septic Tank: 1000 gallons Pump Tank: 1000 gallons
 Subsurface No. of exact length 65, 110, width of depth of
 Drainage Field ditches 3 of each ditch 175 feet ditches 3 feet ditches 18 inches
 French Drain Required: _____ Linear feet

Authorized State Agent: [Signature] Date 02/13/2020

Mason Point Lot 6

Bench Mark		is = 100.00 Location of BM EIP		Elevation Head				5.40			
Pump tank elev.		100.00		Pump elev.		94.60		Manifold elev.		98.20	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE	LTAR	
2	Pink	2.80	97.20	65	1/2in SCH 80	5.48	81.24	195		0.4166	
3	Orange	3.40	96.60	110	3/4in SCH 80	10.1	149.72	330		0.4537	
4	Red	4.10	95.90	175	1in SCH 80	16.8	249.04	525		0.4744	

total	feet =	350	gal/min =	32.38	LTAR =	0.3500
					LTAR + %5	0.3675
		Des. Flow	480		(ltar W/ INOV)	0.4667
		Pump Run=	14.82		(ltar W/ INOV + 5%)	0.4900
		Tank Gal/IN	19.65			

**Mason Point Lot 6
Repair**

Bench Mark		is = 100.00 Location of BM EIP		Elevation Head				6			
Pump tank elev.		100		Pump elev.		95		Manifold elev.		101	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE	LTAR	
1			100.00		1/2in SCH 80	5.48	120.00	0		#DIV/0!	
2			100.00		1/2in SCH 40	5.48	120.00	0		#DIV/0!	
3			100.00		1/2in SCH 80	5.48	120.00	0		#DIV/0!	
4			100.00		1/2in SCH 80	5.48	120.00	0		#DIV/0!	

total	feet =	0	gal/min =	21.92	LTAR =	0.35
					LTAR + %5	0.3675
		Des. Flow	480		(ltar W/ INOV)	0.4667
		Pump Run=	21.90		(ltar W/ INOV + 5%)	0.4900
		Tank Gal/IN	19.65			