



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: 1-3, (335')
 Accepted Status System
 0.4 Soil LTAR
 24" Trench Bottom

Repair: Pressure Manifold
 Lines: 4-6, (270')
 0.4 Soil LTAR
 T&J Panel 50% Reduction



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4-Bedroom Septic Layout
 Lot 1, Masons Pointe Subdivision
 Harnett County, North Carolina

Job# : 2031
Drawn By : AH
Date : 11/12/2019
Revision:

**Masons Pointe S/D, Lot 1
TAP CHART**

Bench Mark	is = 100.00		Location of BM						Elevation Head	4.00
Pump tank elev.	100.00		Pump elev.	94.60		Manifold elev.				98.60
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE	LTAR
1	Red	2.40	97.60	85	1/2in SCH 40	7.11	114.87	255		0.4505
2	Orange	2.80	97.20	115	3/4in SCH 80	10.1	163.18	345		0.4730
3	Purple	3.00	97.00	135	3/4in SCH 40	12.5	201.95	405		0.4986
		total	feet =	335	gal/min =	29.71			LTAR =	0.4000
								LTAR + %5	0.4200	
% of Dose Vol.	75		Des. Flow		480				(ltar W/ INOV)	0.5333
Dose Volume	163.31		Pump Run=		16.16				(ltar W/ INOV + 5%)	0.5600
Dose Pump Time	5.50		Tank Gal/IN		19.65					
Drawdown in Inches	8.31									

**Masons Pointe S/D, Lot 1
Repair TAP CHART**

Bench Mark	is = 100.00		Location of BM						Elevation Head	3.00
Pump tank elev.	100.00		Pump elev.	94.60		Manifold elev.				97.60
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE	LTAR
4	Pink	3.40	96.60	115	3/4in SCH 80	10.1	188.79	345		0.5472
5	Blue	3.80	96.20	105	3/4in SCH 80	10.1	188.79	315		0.5993
6	Yellow	4.40	95.60	50	1/2in SCH 80	5.48	102.43	150		0.6829
		total	feet =	270	gal/min =	25.68			LTAR =	0.4000
								LTAR + %5	0.4200	
% of Dose Vol.	75		Des. Flow		480				(ltar W/ INOV)	0.8000
Dose Volume	131.63		Pump Run=		18.69				(ltar W/ INOV + 5%)	0.8400
Dose Pump Time	5.13		Tank Gal/IN		19.65					
Drawdown in Inches	6.70									