

System: - - - - -
 Repair: ————

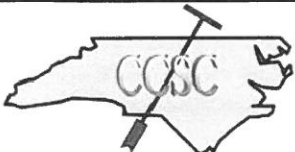
- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.

GRAPHIC SCALE
 1" = 50'



System: Pressure Manifold
 Lines: 2-4, (300')
 Accepted Status System
 0.4 Soil LTAR
 24" Trench Bottom

Repair: Pressure Manifold
 Lines: 1,5-7, (235')
 0.4 Soil LTAR
 T&J Panel 50% Reduction



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4-Bedroom Septic Layout
 Lot 18, Masons Pointe Subdivision
 Harnett County, North Carolina

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

**Masons Pointe S/D, Lot 18
TAP CHART**

Bench Mark	is = 100.00		Location of BM		Elevation Head				2.50
Pump tank elev.	100.00		Pump elev.		Manifold elev.				97.10
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
2	Purple	3.90	96.10	100	3/4in SCH 80	10.1	160.00	300	0.5333
3	Blue	4.30	95.70	100	3/4in SCH 80	10.1	160.00	300	0.5333
4	Yellow	4.60	95.40	100	3/4in SCH 80	10.1	160.00	300	0.5333
		total	feet =	300	gal/min =	30.3	LTAR =		0.4000
						LTAR + %5		0.4200	
% of Dose Vol.	75	Des. Flow		480		(ltar W/ INOV)		0.5333	
Dose Volume	146.25	Pump Run=		15.84		(ltar W/ INOV + 5%)		0.5600	
Dose Pump Time	4.83	Tank Gal/IN		19.65					
Drawdown in Inches	7.44								

**Masons Pointe S/D, Lot 18
Repair TAP CHART**

Bench Mark	is = 100.00		Location of BM		Elevation Head				2.80
Pump tank elev.	100.00		Pump elev.		Manifold elev.				97.40
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Orange	3.60	96.40	40	1/2in SCH 80	5.48	86.05	120	0.7170
5	Pink	4.80	95.20	100	3/4in SCH 40	12.5	196.27	300	0.6542
6	Red	5.80	94.20	55	1/2in SCH 40	7.11	111.64	165	0.6766
7	Orange	5.80	94.20	40	1/2in SCH 80	5.48	86.05	120	0.7170
		total	feet =	235	gal/min =	30.57	LTAR =		0.4000
						LTAR + %5		0.4200	
% of Dose Vol.	75	Des. Flow		480		(ltar W/ INOV)		0.8000	
Dose Volume	114.56	Pump Run=		15.70		(ltar W/ INOV + 5%)		0.8400	
Dose Pump Time	3.75	Tank Gal/IN		19.65					
Drawdown in Inches	5.83								