



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: 3-5, (355')
 Accepted Status System
 0.35 Soil LTAR
 24" Trench Bottom

Repair: Pressure Manifold
 Lines: 1,2,6-8, (335')
 Accepted Status System
 0.35 Soil LTAR
 T&J Panel 50% Reduction



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4-Bedroom Septic Layout
 Lot 9, Masons Pointe Subdivision
 Harnett County, North Carolina

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

**Masons Pointe S/D, Lot 9
TAP CHART**

| Bench Mark | | is = 100.00 Location of BM | | Elevation Head | | | | | |
|-----------------|--------|----------------------------|------------|----------------|----------------|----------|---------|-------------|-----------|
| Pump tank elev. | | 100.00 | Pump elev. | 94.60 | Manifold elev. | | 99.10 | | |
| line | color | rod read | Elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR |
| 3 | Pink | 1.90 | 98.10 | 115 | 3/4in SCH 80 | 10.1 | 160.00 | 345 | 0.4638 |
| 4 | Blue | 2.20 | 97.80 | 120 | 3/4in SCH 80 | 10.1 | 160.00 | 360 | 0.4444 |
| 5 | Orange | 2.60 | 97.40 | 120 | 3/4in SCH 80 | 10.1 | 160.00 | 360 | 0.4444 |

| | | | | | | | |
|---------------------------|--------------|--------------------|--------------|------------------|-------------|----------------------------|---------------|
| | total | feet = | 355 | gal/min = | 30.3 | LTAR = | 0.3500 |
| | | | | | | LTAR + %5 | 0.3675 |
| % of Dose Vol. | 75 | Des. Flow | 480 | | | (ltar W/ INOV) | 0.4667 |
| Dose Volume | 173.06 | Pump Run= | 15.84 | | | (ltar W/ INOV + 5%) | 0.4900 |
| Dose Pump Time | 5.71 | Tank Gal/IN | 19.65 | | | | |
| Drawdown in Inches | 8.81 | | | | | | |

**Masons Pointe S/D, Lot 9
Repair TAP CHART**

| Bench Mark | | is = 100.00 Location of BM | | Elevation Head | | | | | |
|-----------------|--------|----------------------------|------------|----------------|----------------|----------|---------|-------------|-----------|
| Pump tank elev. | | 100.00 | Pump elev. | 94.60 | Manifold elev. | | 99.90 | | |
| line | color | rod read | Elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR |
| 1 | Red | 1.10 | 98.90 | 60 | 1/2in SCH 40 | 7.11 | 85.53 | 180 | 0.4752 |
| 2 | Purple | 1.30 | 98.70 | 95 | 3/4in SCH 80 | 10.1 | 121.50 | 285 | 0.4263 |
| 6 | Red | 3.10 | 96.90 | 85 | 3/4in SCH 80 | 10.1 | 121.50 | 255 | 0.4765 |
| 7 | Purple | 3.50 | 96.50 | 60 | 1/2in SCH 40 | 7.11 | 85.53 | 180 | 0.4752 |
| 8 | Pink | 4.10 | 95.90 | 35 | 1/2in SCH 80 | 5.48 | 65.92 | 105 | 0.6279 |

| | | | | | | | |
|---------------------------|--------------|--------------------|--------------|------------------|-------------|----------------------------|---------------|
| | total | feet = | 335 | gal/min = | 39.9 | LTAR = | 0.3500 |
| | | | | | | LTAR + %5 | 0.3675 |
| % of Dose Vol. | 75 | Des. Flow | 480 | | | (ltar W/ INOV) | 0.7000 |
| Dose Volume | 163.31 | Pump Run= | 12.03 | | | (ltar W/ INOV + 5%) | 0.7350 |
| Dose Pump Time | 4.09 | Tank Gal/IN | 19.65 | | | | |
| Drawdown in Inches | 8.31 | | | | | | |