

Masons Pointe Lot 14

| | | | | | | | | | |
|------------------------|--------------|-----------------|--------------------|---------------|-----------------------|-----------------------|----------------|--------------------|------------------|
| Bench Mark | is = 100.00 | | Location of BM EIP | | Elevation Head | 5.40 | | | |
| Pump tank elev. | 100.00 | | Pump elev. | 94.60 | | Manifold elev. | 97.10 | | |
| line | color | rod read | Elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR |
| 1 | Pink | 3.90 | 96.10 | 50 | 1/2in SCH 80 | 5.48 | 62.18 | 150 | 0.4146 |
| 2 | Red | 4.20 | 95.80 | 65 | 1/2in SCH 40 | 7.11 | 80.68 | 195 | 0.4137 |
| 3 | Blue | 4.50 | 95.50 | 80 | 1/2in SCH 40 | 7.11 | 80.68 | 240 | 0.3362 |
| 4 | Yellow | 4.80 | 95.20 | 95 | 3/4in SCH 80 | 10.1 | 114.61 | 285 | 0.4021 |
| 5 | Orange | 5.10 | 94.90 | 115 | 3/4in SCH 40 | 12.5 | 141.84 | 345 | 0.4111 |

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|--------------|---------------|------------|--------------------|--------------|----------------------------|---------------|
| total | feet = | 405 | gal/min = | 42.3 | LTAR = | 0.3500 |
| | | | | | LTAR + %5 | 0.3675 |
| | | | Des. Flow | 480 | (ltar W/ INOV) | 0.4667 |
| | | | Pump Run= | 11.35 | (ltar W/ INOV + 5%) | 0.4900 |
| | | | Tank Gal/IN | 19.65 | | |

**Masons Pointe Lot 14
Repair**

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|------------------------|--------------|-----------------|--------------------|---------------|-----------------------|-----------------------|----------------|--------------------|------------------|
| Bench Mark | is = 100.00 | | Location of BM EIP | | Elevation Head | 0 | | | |
| Pump tank elev. | 100 | | Pump elev. | 95 | | Manifold elev. | 95 | | |
| line | color | rod read | Elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR |
| 6 | Blue | 6.00 | 94.00 | 50 | 1/2in SCH 80 | 5.48 | 104.46 | 150 | 0.6964 |
| 7 | Pink | 6.30 | 93.70 | 55 | 1/2in SCH 40 | 5.48 | 104.46 | 165 | 0.6331 |
| 8 | Red | 7.00 | 93.00 | 60 | 1/2in SCH 40 | 7.11 | 135.54 | 180 | 0.7530 |
| 9 | Orange | 8.00 | 92.00 | 60 | 1/2in SCH 40 | 7.11 | 135.54 | 180 | 0.7530 |

| | | | | | | |
|--------------|---------------|------------|--------------------|--------------|----------------------------|---------------|
| total | feet = | 225 | gal/min = | 25.18 | LTAR = | 0.4000 |
| | | | | | LTAR + %5 | 0.4200 |
| | | | Des. Flow | 480 | (ltar W/ INOV) | 0.8000 |
| | | | Pump Run= | 19.06 | (ltar W/ INOV + 5%) | 0.8400 |
| | | | Tank Gal/IN | 19.65 | | |