# AUTUMN GROVE LOT#2

Project #: 01-1043

LAYOUT FOR 4 BEDROOM HOME

August 16, 2007

| LINE # | FLAG COLOR | BS | HI | FS | ELEVATION | FLAGGED LINE LENGTH | DESIGN LINE LENGTH |
|---|---|---|---|---|---|---|---|
| TBM | | N/A | | | 100.00 | | |
| INSTR. 1 | | | N/A | | | | |
| HOUSE CNR | | | | N/A | N/A | | |
| P. TANK | | | | N/A | N/A | | |
| 1 | BLUE | | | N/A | N/A | 60 | 60 |
| *2* | ***RED*** | | | *N/A* | *N/A* | *37* | *37* |
| *2* | ***RED*** | | | *N/A* | *N/A* | *37* | *37* |
| *3* | ***PINK*** | | | *N/A* | *N/A* | *37* | *37* |
| *3* | ***PINK*** | | | *N/A* | *N/A* | *37* | *37* |
| *4* | ***BLUE*** | | | *N/A* | *N/A* | *37* | *37* |
| *4* | ***BLUE*** | | | *N/A* | *N/A* | *37* | *37* |
| *5* | ***RED*** | | | *N/A* | *N/A* | *37* | *37* |
| *5* | ***RED*** | | | *N/A* | *N/A* | *37* | *37* |
| 6 | PINK | | | N/A | N/A | 82 | 82 |
| 7 | ORANGE | | | N/A | N/A | 81 | 81 |
| 8 | BLUE | | | N/A | N/A | 81 | 81 |
| | | | | | Total | 600 | 600 |

| | LINE LENGTH | LTAR GPD/FT2 | SYSTEM TYPE | SOIL LTAR GPD/FT2 | TRENCH SYSTEM | DISTRIBUTION |
|---|---|---|---|---|---|---|
| ** System* | *296* | *0.275* | *MOD.* | *0.275* | *PPBPS* | *GRAVITY DISTRIBUTION* |
| Repair | 304 | 0.275 | MOD. | 0.275 | PPBPS | LOW PRESSURE |

Notes:
** TBM located top of ground at EIP at corner of lot (see site plan)
**TBM is assumed to be 100'
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags
**BS, HI, and FS indicate rod readings

# AUTUMN GROVE LOT 2

## SYSTEM

| Line # | Color | Elevation | Length | Hole Size | Flow/hole | Trench Area | Number of Panels |
|---|---|---|---|---|---|---|---|
| *2* | ***RED*** | N/A | *37* | N/A | N/A | 111 | 9 |
| *2* | ***RED*** | N/A | *37* | N/A | N/A | 111 | 9 |
| *3* | ***PINK*** | N/A | *37* | N/A | N/A | 111 | 9 |
| *3* | ***PINK*** | N/A | *37* | N/A | N/A | 111 | 9 |
| *4* | ***BLUE*** | N/A | *37* | N/A | N/A | 111 | 9 |
| *4* | ***BLUE*** | N/A | *37* | N/A | N/A | 111 | 9 |
| *5* | ***RED*** | N/A | *37* | N/A | N/A | 111 | 9 |
| *5* | ***RED*** | N/A | *37* | N/A | N/A | 111 | 9 |
| | | | | | | | 72 |
| | **total** | **feet =** | **296** | **gal/min =** | **N/A** | | |

| | |
|---|---|
| **Des. Flow** | **480** |
| **Pump Run=** | **N/A** |
| **soil LTAR** | **0.275** |
| **LTAR +5%** | **0.28875** |
| **LTAR with mod.** | **0.55** |
| **LTAR with mod.. + 5%** | **0.5775** |

**.156 equals 5/32 inch hole**