# NORHTLAKE LOT#37

Project #: 01-1391

LAYOUT FOR 4 BEDROOM HOME

July 7, 2008

| LINE # | FLAG COLOR | BS | HI | FS | ELEVATION | FLAGGED LINE LENGTH | DESIGN LINE LENGTH |
|---|---|---|---|---|---|---|---|
| TBM | | 9.6 | | | 100.00 | | |
| INSTR. 1 | | | 109.60 | | | | |
| HOUSE CNR | | | | 3.20 | 106.40 | | |
| P. TANK | | | | 14.40 | 95.20 | | |
| 1 | ORANGE | | | 3.60 | 106.00 | 59 | 59 |
| 2 | BLUE | | | 4.30 | 105.30 | 75 | 75 |
| 3 | RED | | | 4.80 | 104.80 | 99 | 99 |
| ***4*** | ***PINK*** | | | ***5.30*** | ***104.30*** | ***125*** | ***100*** |
| ***5*** | ***ORANGE*** | | | ***6.00*** | ***103.60*** | ***106*** | ***100*** |
| ***6*** | ***BLUE*** | | | ***7.20*** | ***102.40*** | ***105*** | ***100*** |
| ***7*** | ***PINK*** | | | ***8.00*** | ***101.60*** | ***110*** | ***100*** |
| 8 | RED | | | 8.80 | 100.80 | 58 | 58 |
| | | | | | **Total** | **737** | **691** |

| | LINE LENGTH | LTAR GPD/FT$^2$ | SYSTEM TYPE | SOIL LTAR GPD/FT$^2$ | TRENCH SYSTEM | DISTRIBUTION |
|---|---|---|---|---|---|---|
| **** System*** | ***400*** | ***0.30*** | ***ACCEPT.*** | ***0.30*** | ***25% RED.*** | **PRESSURE** |
| Repair | 291 | 0.30 | *MOD.* | 0.30 | PPBPS | **MANIFOLD** LOW PRESSURE |

**Notes:**

** TBM located on angle point 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

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4761495715
COUNTY: Iredell

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

OWNER: ABMS Development, Inc
ADDRESS: 111-B Raceway Drive Mooresville, NC 28117
PROPOSED FACILITY: SRM
PROPOSED DESIGN FLOW (.1949): ____
LOCATION OF SITE: Northlake Subdivision Lot
WATER SUPPLY: ☒ Private ☒ Public ☐ Well ☐ Spring ☐ Other Community Water
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut

APPLICATION DATE: 7/08
DATE EVALUATED: 6/08
PROPERTY SIZE: 0.69 ac
PROPERTY RECORDED: Yes
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| P 37 A | SS 0-5% | 0-4 | B SL Gr | SS, SP, Fr SExP | — | 64" | — | — | PS |
| | | 4-28 | R C MFSBk | SS, SP, Fr SExP | | | | | |
| | | 28-64 | R CL WFSBk | SS, SP, Fr SExP | com Sap | | | | 0.3 |
| P 37 B | SS 0-5% | 0-33 | R C MFSBk | SS, SP, Fr SExP | — | 63" | PS | — | PS |
| | | 33-63 | R CL WFSBk | SS, SP, Fr SExP | com sap, few yellow wR | | | | |
| | | 63-73 | Var. SL Sap Mass | SS, SP, Fr SExP | com. R CL incl. | | | | 0.3 |
| P 37 C | SS 0-5% | 0-7 | B SL Gr | SS, SP, Fr SExP | — | 78" | — | — | PS |
| | | 7-35 | R C MFSBk | SS, SP, Fr SExP | | | | | |
| | | 35-78 | R CL WFSBk | SS, SP, Fr SExP | com./many Sap | | | | 0.3 |
| P 37 D | SS 0-5% | 0-8 | B SL Gr | SS, SP, Fr SExP | — | 70" | PS | — | PS |
| | | 8-38 | R C MM ABk/SBk | SS, SP, Fr SExP | | | | | |
| | | 38-70 | R CL WFSBk | SS, SP, Fr SExP | com Sap | | | | |
| | | 70-79 | Var. SL Sap Mass | SS, SP, Fr SExP | com R CL incl. | | | | 0.3 |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | 25% RED. | LP PPBPS |
| Site LTAR | 0.3 | 0.3 |

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Adrian Pruett
OTHER(S) PRESENT: None

COMMENTS: ____