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

*Sheet* 1 *of* ____
PROPERTY ID #: _____
COUNTY: Iredell

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

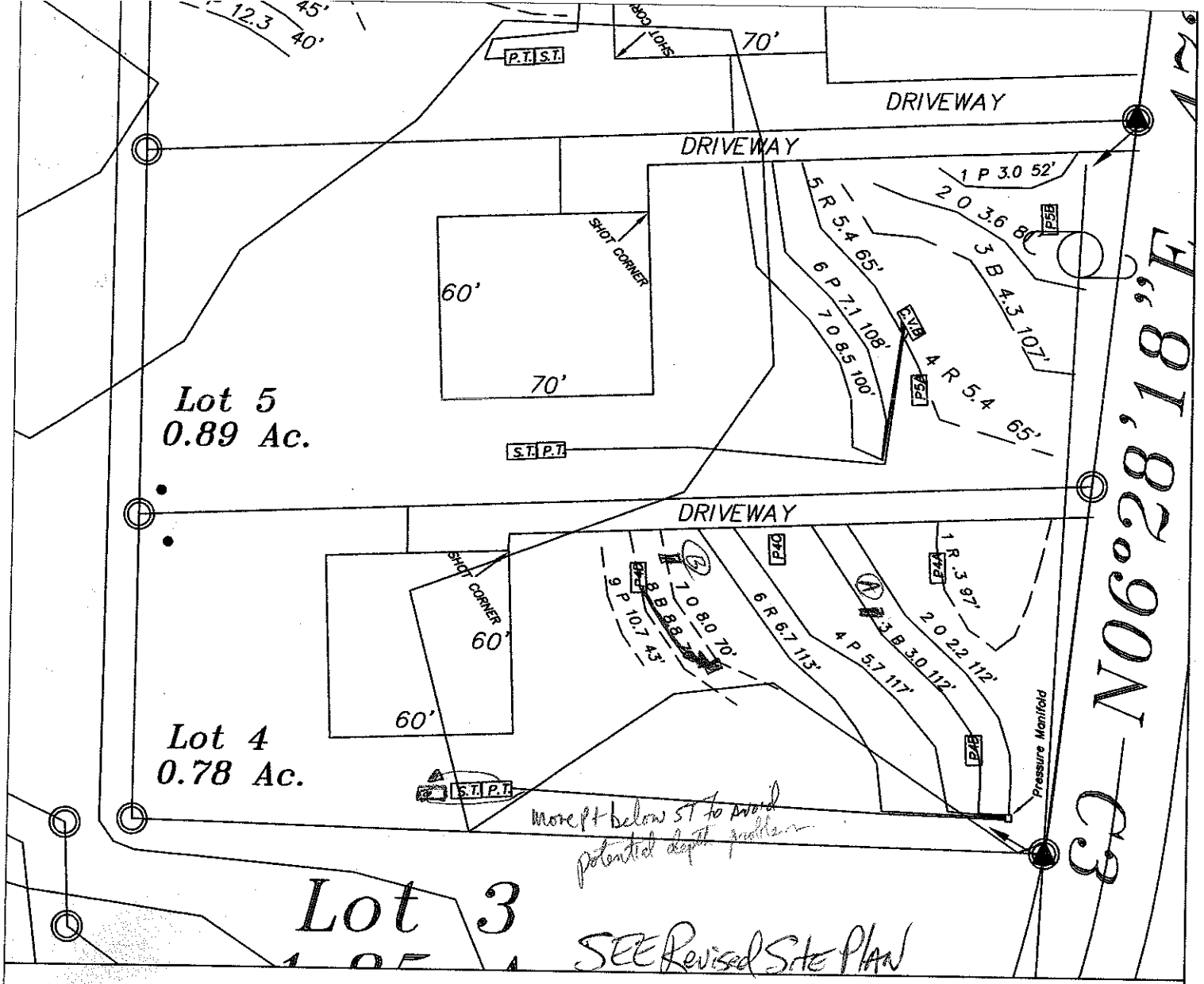
OWNER: Nation Land Company LLC APPLICATION DATE _____
ADDRESS: 4330 Sterilite Street SE Massillion, OH 44646 DATE EVALUATED: 8/05
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: _____
LOCATION OF SITE: Lakewood Crossing lot 4 PROPERTY RECORDED: yes
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☑ Auger Boring ☑ Pit ☐ Cut TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| A 1 | LINEAR 5-10% | 0-15 | BOSCL VFSBK | FRI SSSP SEXP | N/A | 54" | PS | N/A | PS .3 GPD/FT2 |
| | | 15-44 | RSC MSBKABK | FRI SSSP SEXP | | | | | |
| | | 44-54 | RSCL FWSBK | FRI SSSP SEXP | | | | | |
| | | | | Y RELIC | | | | | |
| | | | | | | | | | |
| B 2 | LINEAR 5-10% | 0-22 | BSCL VWSBK | FRI SSSP SEXP | N/A | 22" | PS | N/A | PS .3 GPD/FT2 |
| | | 22-50 | LSAP MASS | FRI NSNP SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| C 3 | LINEAR 5-10% | 0-15 | BSCL VWSBK | FRI SSSP SEXP | N/A | 42" | PS | N/A | PS .3 GPD/FT2 |
| | | 15-42 | RCL VWSBK | FRI SSSP SEXP | | | | | |
| | | 42-51 | LSAP MASS | FRI NSNP SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| A 4 | 10-31-05 | 0-3 | wkSBK bswSCL frsssp | | | | | | e3 |
| | | 3-32 | SBK R c/cl frSSSPsexp | | | | | | |
| | | 32-54 | wkSBK rdclfsnp frsssp | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | ~~600~~ 1000 FTSQ | 620 FTSQ |
| System Type(s) | ACCEPT. | PPBPS |
| Site LTAR | .3 GPD/FT2 | .3 GPD/FT2 |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Rollans Soil & Environmental Services
OTHER(S) PRESENT: _____

COMMENTS: _____




## LEGEND

- Areas contain soils with 24 inches or more of useable material and have potential for conventional, modified conventional and low-pressure pipe (lpp) septic systems.
- House Footprint
- System lines.
- Repair lines.
- Temporary Bench Mark (TBM)
- Well Location.

GRAPHIC SCALE
1" = 50'

50 0 50 100

MAP TITLE:

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES. THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

PLEASE REFER TO ATTACHED SOIL REPORT FOR ADDITIONAL SITE SPECIFIC INFORMATION

ROLLANS SOIL & ENVIRONMENTAL SERVICES
2120 GRAHAM ROAD
MOUNT ULLA, NC 28125
PHONE/FAX: (704) 278-0989
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746-5046
EMAIL: ROLLANSFORTCJ@AOL.COM

SITE PLAN & DRAINFIELD AREAS

| | |
|---|---|
| PROJECT NAME: | NATIONS LAND COMPANY, LLC / LAKEWOOD CROSSING |
| LOCATION/DATE: | FERN HILL ROAD<br>IREDELL COUNTY, NORTH CAROLINA<br>AUGUST 2005 |

| | |
|---|---|
| JOB # : | 01-1089 |
| FILE: | C:\JOBS\01-1089 |
| PROJECT MGR.: | C.B.F. |
| FIELD WORK: | C.B.F. |
| DRAWN BY: | C.B.F. |