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 7 PROPERTY RECORDED: yes
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

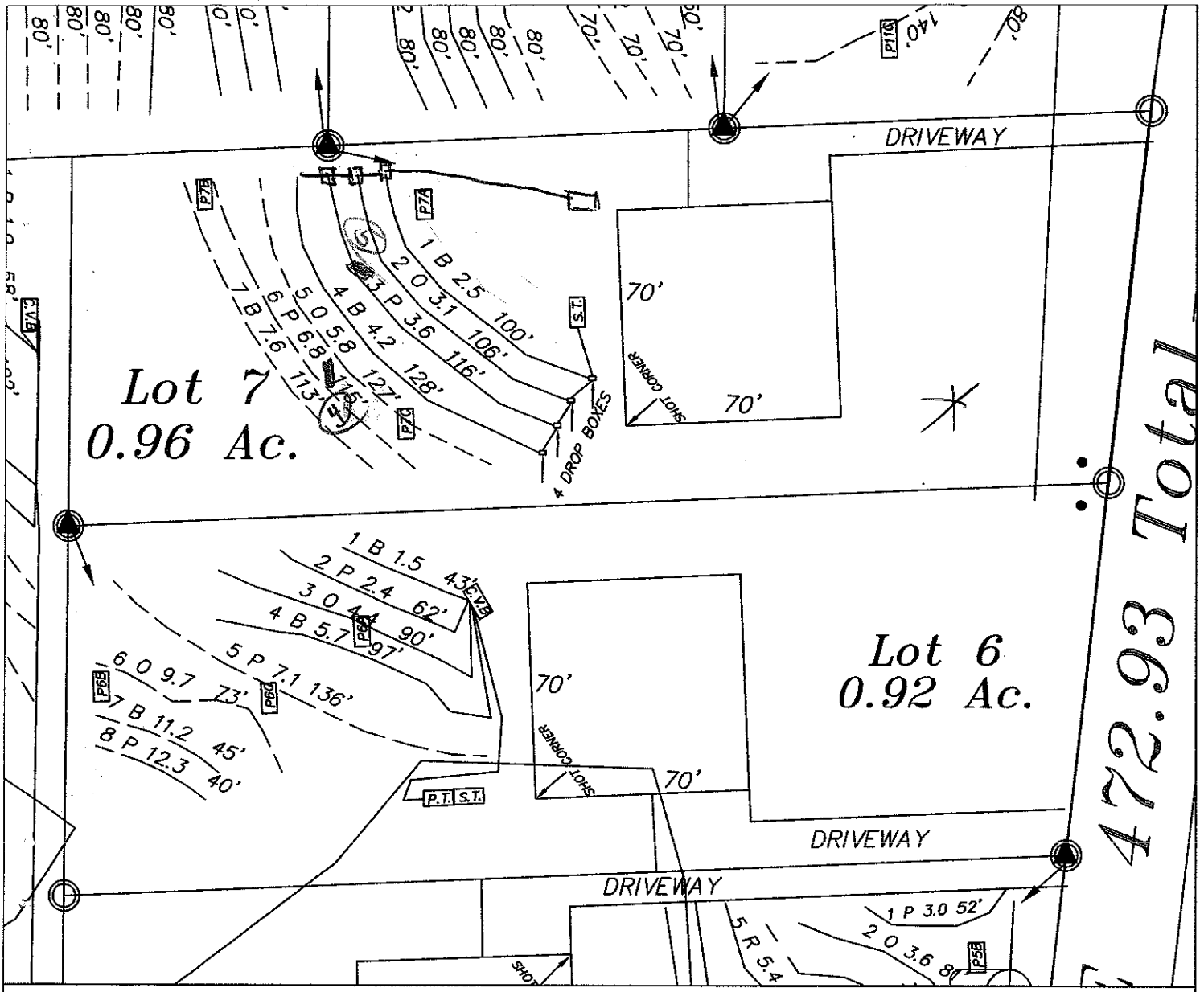
| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| A 1 | LINEAR 5-10% | 0-9 | BOSCL VWSBK | FRI SSSP SEXP | N/A | 53" | N/A | N/A | PS .3 GPD/FT2 |
| | | 9-36 | RC MABK | FRI SSSP SEXP | | | | | |
| | | 36-53 | RCL FSBK | FRI SSSP SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| B 2 | LINEAR 5-12% | 0-7 | BOSCL VWSBK | FRI SSSP SEXP | CHROMA 4 7-36" | 48" | N/A | N/A | PS .25 GPD/FT2 |
| | | 7-36 | RC MABK | FRI SSP SEXP | | | | | |
| | | 36-48 | RSCL FWSBK | FRI SSSP SEXP | | | | | |
| | | | | QUARTZ FRAC. | | | | | |
| | | | | | | | | | |
| C 3 | LINEAR 5-10% | 0-10 | BSCL WSBK | FRI SSSP SEXP | N/A | 57" | N/A | N/A | PS .3 GPD/FT2 |
| | | 10-21 | RC MABK/SBK | FI/FRI SSSP SEXP | | | | | |
| | | 21-48 | RCL WSBK | FRI SSSP SEXP | | | | | |
| | | 48-54 | VER.LSAP M | VFRI SSSP SEXP | | | | | |
| | | | 21-48 | SAP INC. | | | | | |
| 4 | 10-3-05 | 0-4 | wksbk bedrock | fr sssp | | | | | .3 |
| | | 4-20 | ABK RC | FR SSSP SEXP | | | | | |
| | | 20-57 | WKSBK RCL | FR SSSP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 1200 FTSQ | 710 FTSQ |
| System Type(s) | ACCEPT. | PPBPS |
| Site LTAR | .3 GPD/FT2 | .25 GPD/FT2 |

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

COMMENTS: _____

(OVER)




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.

MAP TITLE:

GRAPHIC SCALE
1" = 50'

50 0 50 100

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: ROLLANSPORTC@AOL.COM

SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: NATIONS LAND COMPANY, LLC / LAKEWOOD CROSSING

LOCATION/DATE: FERN HILL ROAD, IREDELL COUNTY, NORTH CAROLINA, 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. |