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

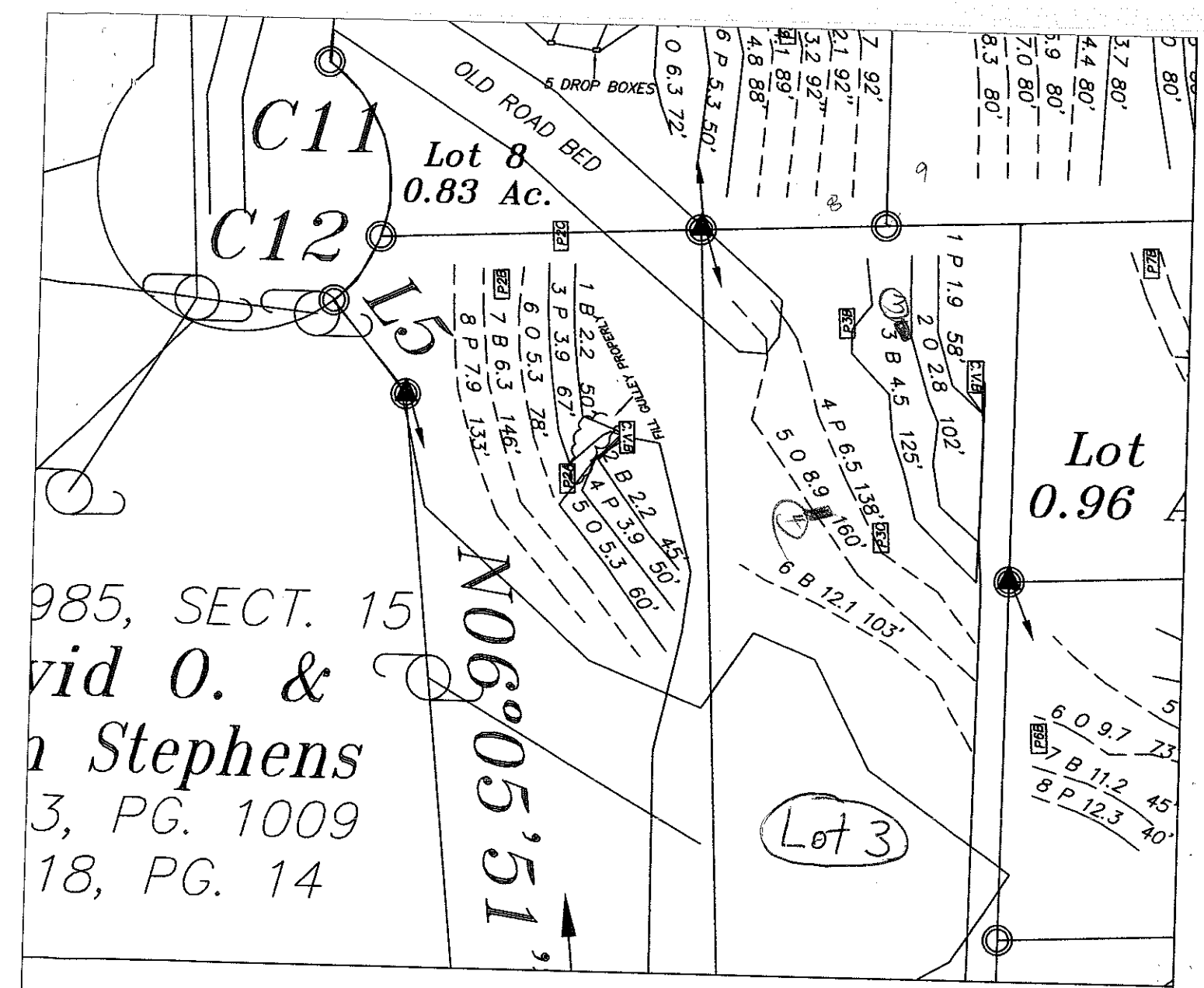
OWNER: Nation Land Company LLC APPLICATION DATE ____
ADDRESS: 4330 Sterilite Street SE Massillion, OH 44646 DATE EVALUATED: 8/05
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: ____
LOCATION OF SITE: Lakewood Crossing lot 3 PROPERTY RECORDED: yes
WATER SUPPLY: ☑ Private ☐ Public ☐ 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 |
|---|---|---|---|---|---|---|---|---|---|
| B 1 | LINEAR 5-10% | 0-7 | BOSCL VFSBK | FRI SSSP SEXP | N/A | 51" | PS | N/A | PS .3 GPD/FT2 |
| | | 7-40 | RC MABK/SBK | FRI SSSP SEXP | | | | | |
| | | 40-51 | RSCL FWSBK. | FRI SSSP SEXP | | | | | |
| | | | | Y RELIC | | | | | |
| | | | | | | | | | |
| C 2 | LINEAR 5-10% | 0-3 | BSCL WSBK | FRI SSSP SEXP | N/A | 42" | PS | N/A | PS .3 GPD/FT2 |
| | | 3-26 | RC MFSBK | FRI SSSP SEXP | | | | | |
| | | 26-42 | RC WSBK | FRI SSSP SEXP | | | | | |
| | | 42-48 | YBLSAP M | FRI NSNP SEXP | | | | | |
| | | | | | | | | | |
| 3 | 10-31-05 80% L | 0-3 | gr brn sl | fr | | | | | .3 |
| | | 3-22 | SBK red c | fr SSSP SEXP | | | | | |
| | | 22-53 | wk SBK red cl | fr SSSP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 4 | | 0-2 | gr brn sl | fr | | | | | .3 |
| | | 2-14 | SBK red c | fr fr SSSP SEXP | | | | | |
| | | 14-40 | wk SBK red cl | fr SSSP | | | | | |
| | | 40-61 | massive sl | SNP fr SSMS NP | | | | | |
| | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 570 FTSQ | 622 FTSQ |
| System Type(s) | PPBPS | 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

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

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

ROLLANS SOIL & ENVIRONMENTAL SERVICES
2120 GRAHAM ROAD
MOUNT ULLA, NC 28125
PHONE/FAX: (704) 278 - 0589
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: ROLLANSFORTCJ@AOL.COM

PROJECT NAME: NASONS 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.