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

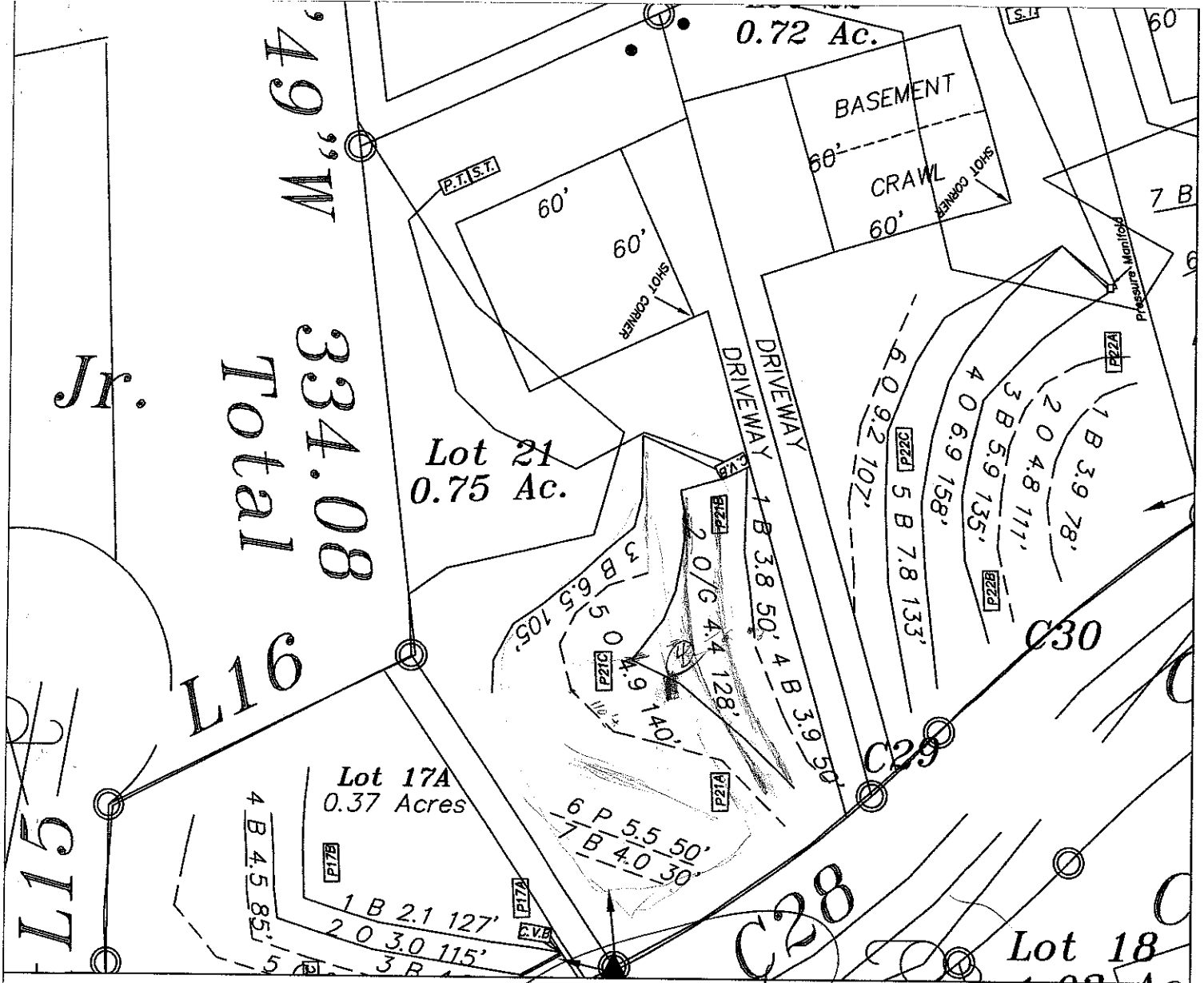
OWNER: Nation Land Company LLC APPLICATION DATE _____
ADDRESS: 4330 Sterilite Street SE Massillion, OH 44646 DATE EVALUATED: 8/05
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: _____
LOCATION OF SITE: Lakewood Crossing lot 21 PROPERTY RECORDED: yes
WATER SUPPLY: ☑ Private ☐ 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
A 1	LINEAR 5-10%	0-7	BSCL WSBK	FRI SSSP SEXP	N/A	50"	N/A	N/A	PS .3 GPD/FT2
		7-24	RC SBK	FRI SSSP SEXP					
		24-50	RCL WSBK	FRI SSSP SEXP					
B 2	LINEAR 5-10%	0-14	BSCL WSBK	FRI SSSP SEXP	N/A	50"	N/A	N/A	PS .3 GPD/FT2
		14-28	RC SBK	FRI SSSP SEXP					
		28-50	RCL WSBK	FRI SSSP SEXP					
C 3	LINEAR 5-10%	0-19	RC SBK	FRI SSSP SEXP	N/A	39"	PS	N/A	PS .3 GPD/FT2
		19-39	RCL MFSBK	FRI SSSP SEXP					
		39-52	YRL SAP M	FRI SSSP SEXP					
4	11-2-05	0-5	WSL loam	fr sssp					.25
		5-16	SBK RC	fr sssp SEXP					
		16-52	WK SBK	CL+SAP mostly fr sssp w/ pockets					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	566 SQFT	540 SQFT
System Type(s)	PPBPS	PPBPS
Site LTAR	.3 GPD/FT2	.3 GPD/FT2

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
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.

See Revision

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:

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, IREDELL COUNTY, NORTH CAROLINA, OCTOBER 2005

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

Need Relocation
No pressure lateral > 100'
Slight slope, mild
over drainfield, lateral
pull laterals closer
together or consider
(Very little to go up)
= 4"
Do repair LTAR
@ .25