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

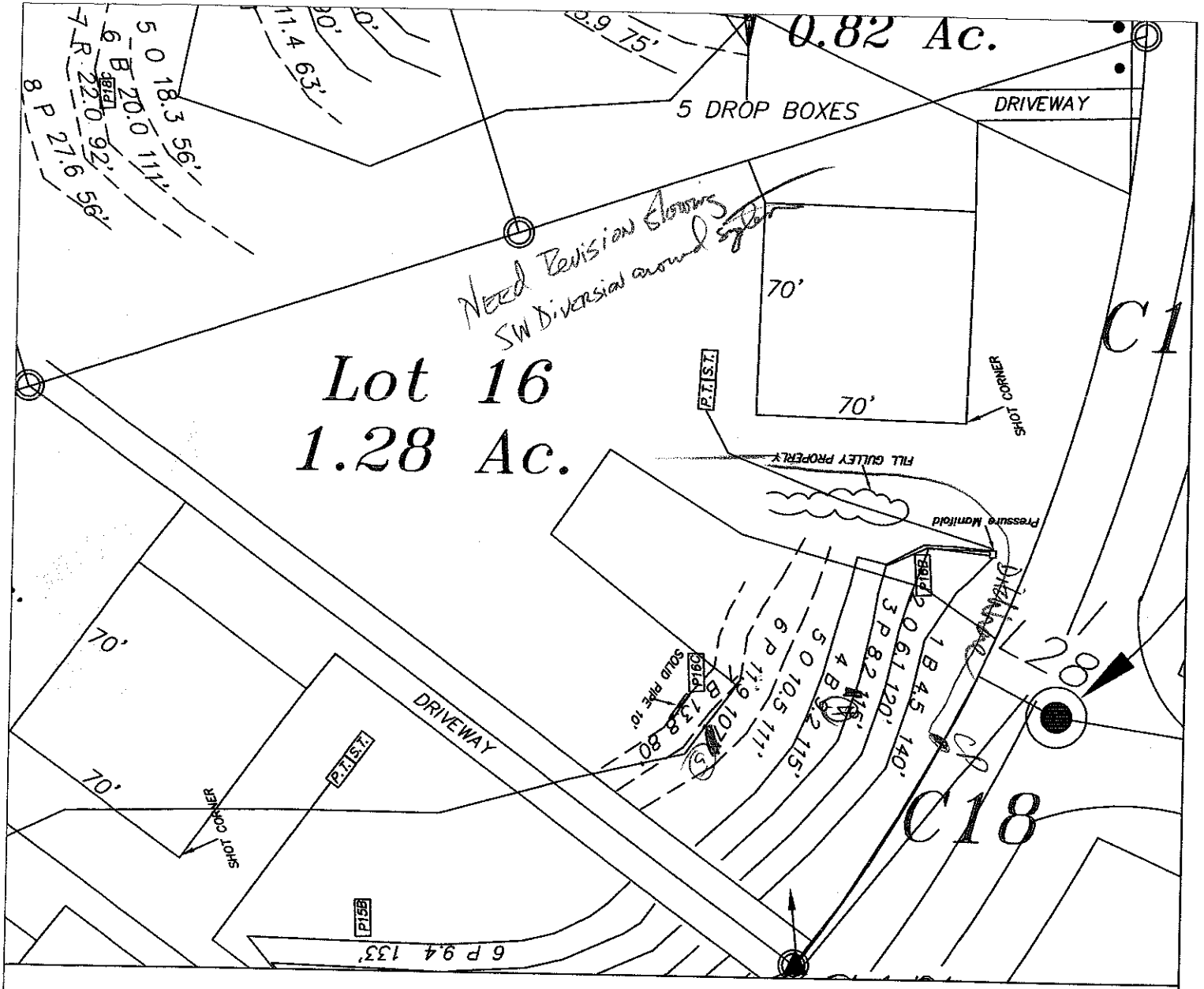
OWNER: Nation Land Company LLC APPLICATION DATE _____
ADDRESS: 4330 Sterilite Street SE Massillion, OH 44646 DATE EVALUATED: 8/05
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: _____
LOCATION OF SITE: Lakewood Crossing lot 16 PROPERTY RECORDED: yes
WATER SUPPLY: ☑ Private ☐ 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 5-12%	0-12	BSC WSBK	FRI SSSP SEXP	N/A	53"	N/A	N/A	PS .3 GPD/FT2
		12-26	RYCL SBK	FRI SSSP SEXP					
		26-53	RYCL WSBK	FRI SSSP SEXP					
				FEW SAP					
C 2	LINEAR 5-12%	0-16	BSCL WSBK/GR	FRI SSSP SEXP	N/A	57"	N/A	N/A	PS .275-.3 GPD/FT2
		16-49	RC SBK	FRI SSSP SEXP					
		49-57	RCL WSBK	FEW ROCK INC.					
				FEW YB'S 40-49"					
B 3	LINEAR 5-12%	0-7	BCL WSBK	FRI SSSP SEXP	N/A	37"	PS	N/A	PS .3 GPD/FT2
		7-18	RC SBK	FRI SSSP SEXP					
		18-37	RCL WSBK	FRI SSSP SEXP					
		37-51	VR SL SAP M	FRI NS NP SEXP					
4	11-1-05 12%+ L	0-2	gr brn sl [illegible]	[illegible]					.25-.3
		2-25	SB blocky c	FRSSSPSEXP					
		25-36	w/SBK gy cl [illegible] sap	frsssp					
		36-49+	mottled sap + few w. pale	mostly frsssp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1380 SQFT	596 SQFT
System Type(s)	ACCEPT.	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.

GRAPHIC SCALE
1" = 50'

60 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: ROLLANSFORTC@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.

SEE Revision