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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: IREDELL GROUP APPLICATION DATE 12/05
ADDRESS: 109-C WILLIAMSON ROAD MOORESVILLE DATE EVALUATED: 12/05
PROPOSED FACILITY: RES PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: 5.2AC
LOCATION OF SITE: LOT 44 WALDEN RIDGE PROPERTY RECORDED: Y
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
44A 1	LINEAR 15-20%	0-26	RC SBK	FRI SS SP SEXP	N/A	56	PS	N/A	PS .3 GPD/FTSQ
		26-56	RCL MFSBK	FRI SS SP SEXP					
44B 2	LINEAR 15-20%	0-24	RC SBK	FRI SS SP SEXP	N/A	59	PS	N/A	PS .3 GPD/FTSQ
		24-59	RCL MFSBK	FRI SS SP SEXP					
44C 3	LINEAR 15-20%	0-12	RC MFSBK	FRI SS SP SEXP	N/A	29	PS	N/A	PS .3 GPD/FTSQ
		12-29	RYCL WSBK	FRI SS SP SEXP					
		29-63	L SAP MASS	FRI SS SP SEXP					
44D 4	LINEAR 15-20%	0-10	BSCL MFSBK	FRI SS SP SEXP	N/A	63	PS	N/A	PS .3 GPD/FTSQ
		10-32	RC SBK	FRI SS SP SEXP					
		32-63	RCL WSBK	FRI SS SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 SQFT	1200 SQFT
System Type(s)	ACCEPT	ACCEPT
Site LTAR	.3 GPD/FTSQ	.3 GPD/FTSQ

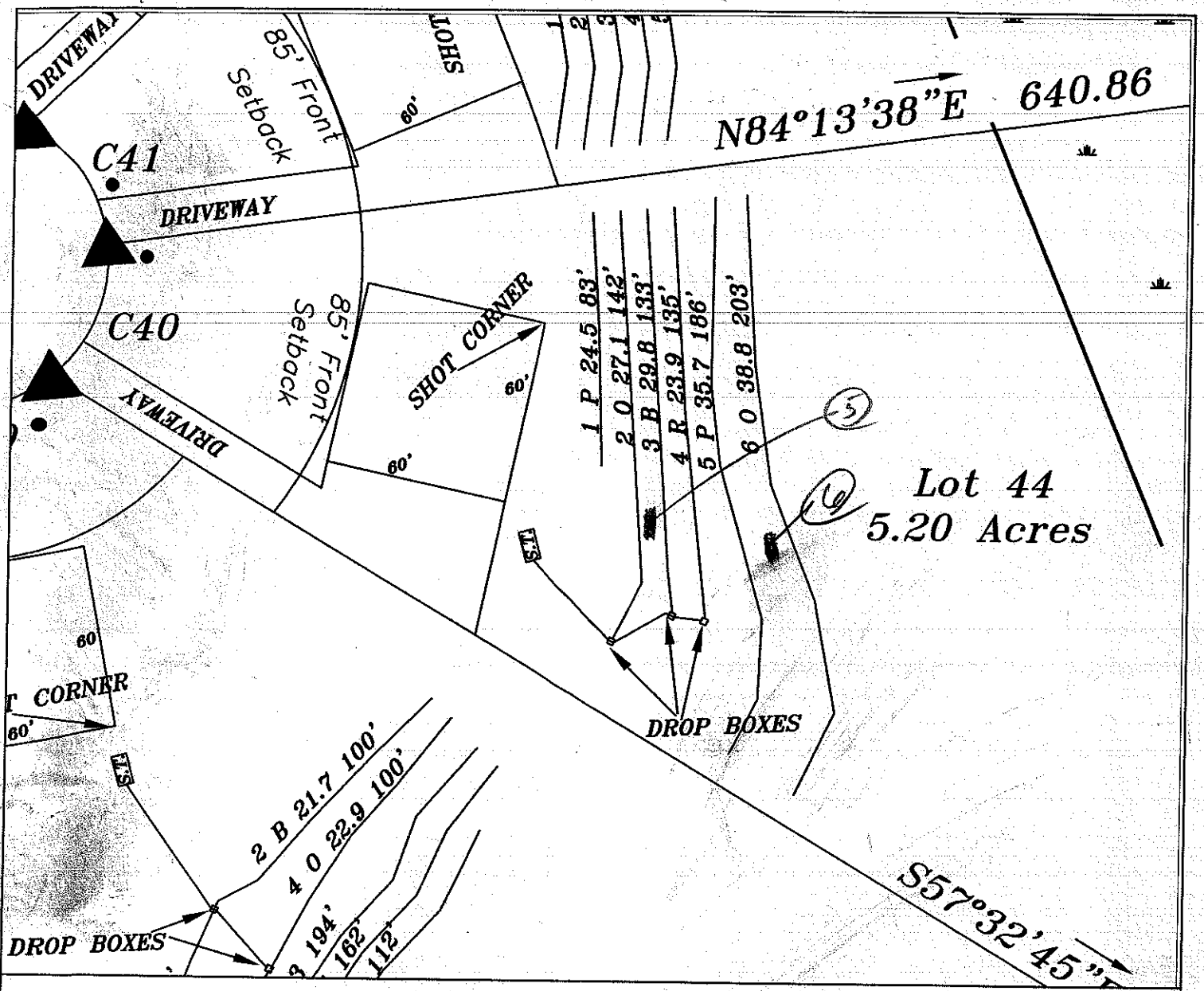
OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ROLLANS SOIL & ENVIRONMENTAL SERVICES
OTHER(S) PRESENT: _____

COMMENTS: _____

12-14-05

(5) 0-5 w/SBK brn scl frsssp
5-23 SBK red c fr sssp sspp
23-45 w/SBK gr cl tskp frsssp .3
25% 45-52 massive w SBK frssp
L

(6) 0-5 w/SBK brn scl frsssp
5-27 mfSBK red clay fr sssp sspp .3
27-49 w/SBK gr cl tskp frsssp



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.
- Unsuitable areas.
- 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

ROLLANS SOIL & ENVIRONMENTAL SERVICES
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MOUNT ULLA, NC 28125
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ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: ROLLANSFORTC@AOL.COM

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: BRIDELL GROUP LLC/GOLDEN RIDGE SUBDIVISION

LOCATION/DATE: REEDER ROAD, BRIDELL COUNTY, NORTH CAROLINA, DECEMBER 2005

JOB # : 01-1069
FILE: C:\JOBS\01-1069
PROJECT MGR.: CBF
FIELD WORK: CBF AND AP
DRAWN BY: CBF AND AP