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

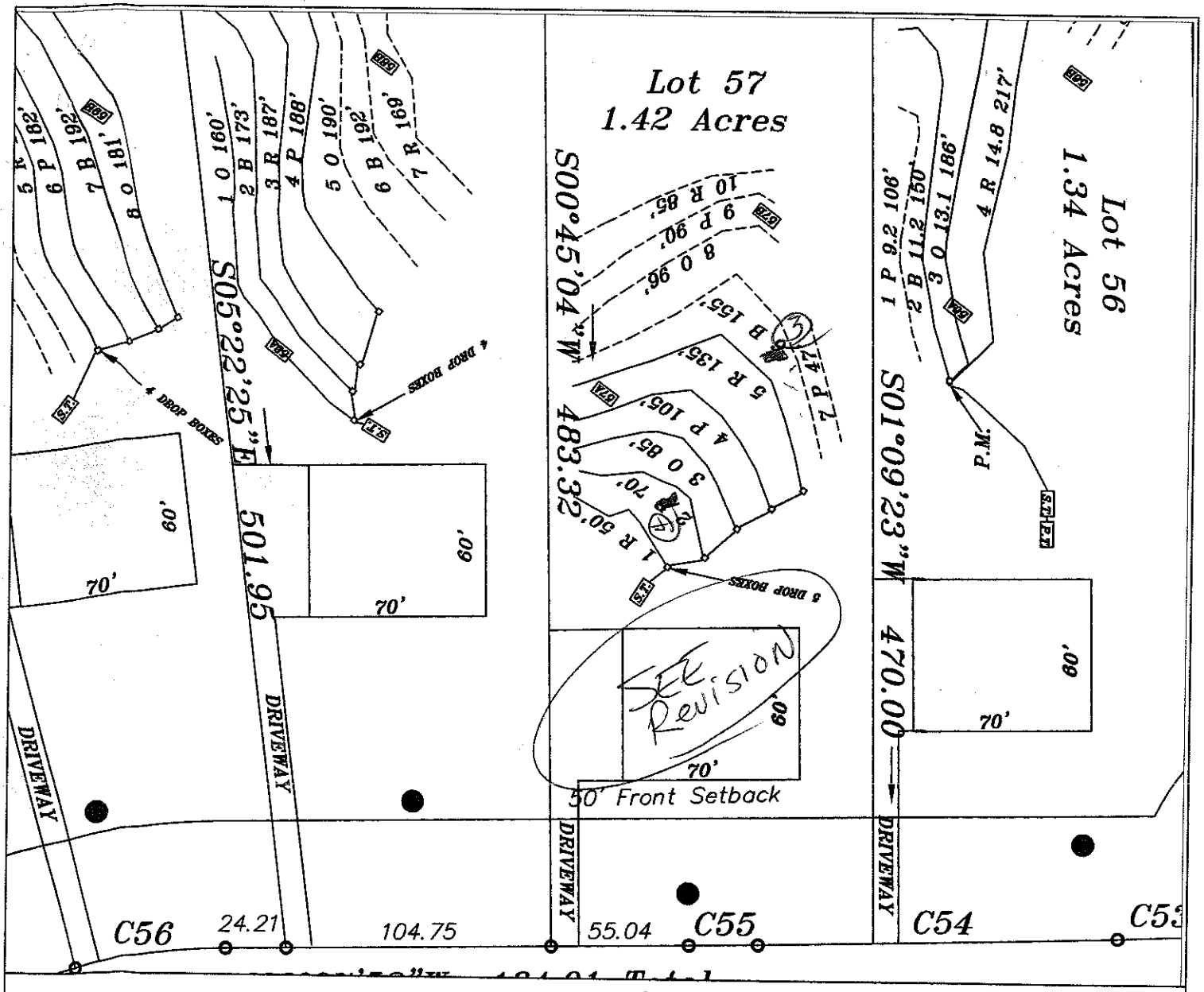
OWNER: IREDELL GROUP APPLICATION DATE 3/06
ADDRESS: 109-C WILLIAMSON ROAD MOORESVILLE DATE EVALUATED: 3/06
PROPOSED FACILITY: RES PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: ____ AC
LOCATION OF SITE: Walden Ridge Lot 57 PROPERTY RECORDED: Y
WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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
57A	NS 5-10%	0-16	Fill		N/A	64"	N/A	N/A	PS
		16-24	BSCL WSBk	SS, SP, Fr SEXP					.275-.3
		24-32	RC MFSBk	S, P, Fr SEXP					gpd/ft²
		32-64	RCL MWSBk	SS, SP, Fr SEXP					
57B	NS 5-10%	0-5	BSCL WSBk	SS, SP, Fr SEXP	N/A	54"	PS	N/A	PS
		5-23	RC MFSBk	SS, SP, Fr SEXP					.3 gpd/ft²
		23-40	R CL WSBk	SS, SP, Fr SEXP					
		40-54	RCL WSBk	SS, SP, Fr/FSEXP	common Sap incl.				
		54-63	Var SL Sap Rock	SS, NP, Fr NEXP	Common RC incl.				
(3)		0-14	wk sbk mod c	fr sssp sapp					.03
		14-53	wk sbk mod	fr sssp sapp					
				common - many inl sap					
(4)	9%	0-14	wk sbk mod c	fr sssp					.25
		14-20	wk sbk/massive	fr sssp					
		20-46	wk sbk mod c	fr sp sapp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1335 ft²	1335 ft²
System Type(s)	25% Red	25% Red
Site LTAR	.275	.275

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.
- Unsuitable areas.
- System lines.
- Repair lines.
- Temporary Bench Mark (TBM)
- Well Location.

Revise: increase house size to proposed

GRAPHIC SCALE
1" = 60'
60 0 60 120

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: ROLLANSPORTC@AOL.COM

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: IREDELL GROUP LLC/WALDEN RIDGE SUBDIVISION

LOCATION/DATE: TEETER ROAD IREDELL 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