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

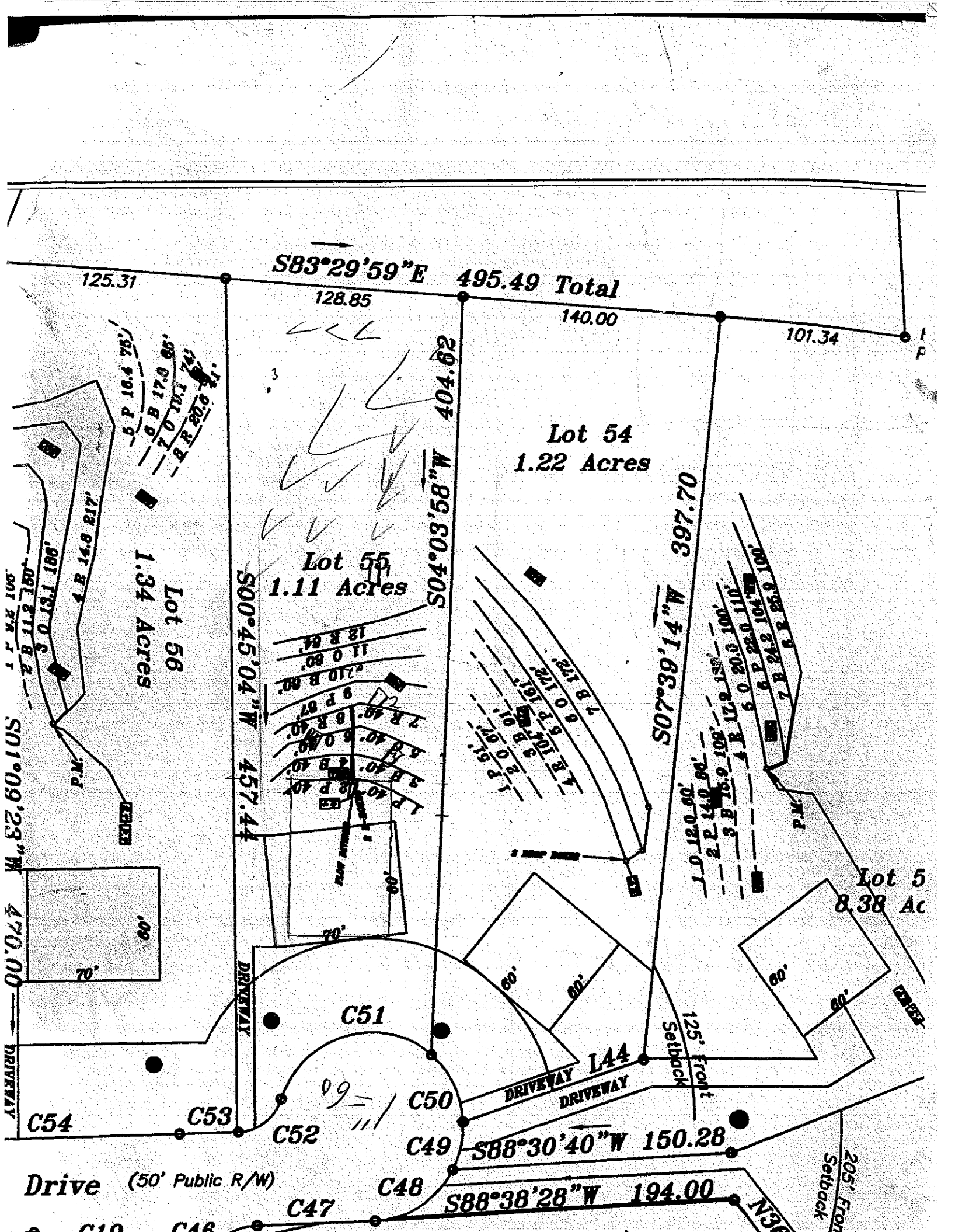
OWNER: IREDELL GROUP APPLICATION DATE 3/06
ADDRESS: 109-C WILLIAMSON ROAD MOORESVILLE DATE EVALUATED: 3/06
PROPOSED FACILITY: RES PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: ____ AC
LOCATION OF SITE: Walden Ridge Lot 55 PROPERTY RECORDED: Y
WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
55A	NS 10-15%	0-9	B SCL WFSBk	SS,SP,Fr SEXP	N/A	54"	N/A	N/A	PS
		9-48	RC MFSBk	SS,SP,Fr SEXP	one YB mottle				.275-.3 gpd/ft2
		48-54	RCL WFSBk	SS,SP,Fr SEXP					
				Common Sap incl					
55B	NS 10-15%	0-5	B CL MF/WFSBk	SS,SP,Fr SEXP	N/A	58"	N/A	N/A	PS
		5-21	RC MFSBk	SS,SP,Fr SEXP					.25 to .275 gpd/ft2
		21-58	RCL WFSBk	SS,SP,Fr SEXP					
				few YB mottles+					
				common Sap incl					
3	7% slope 13% NS	0-4	wksbk brwsl	frsssp					.25
		4-17	ABK & C	fr,SP SEXP					
		17-45	wksbl cpy YBL	frsssp many incl/ bandedSap					
		45-54	massive Sap	frsssp					
4		0-27	MFSBk Pale	frsssp SEXP					.3
		27-52	mwksbk pale red	frsssp					
			common many Sap incl						

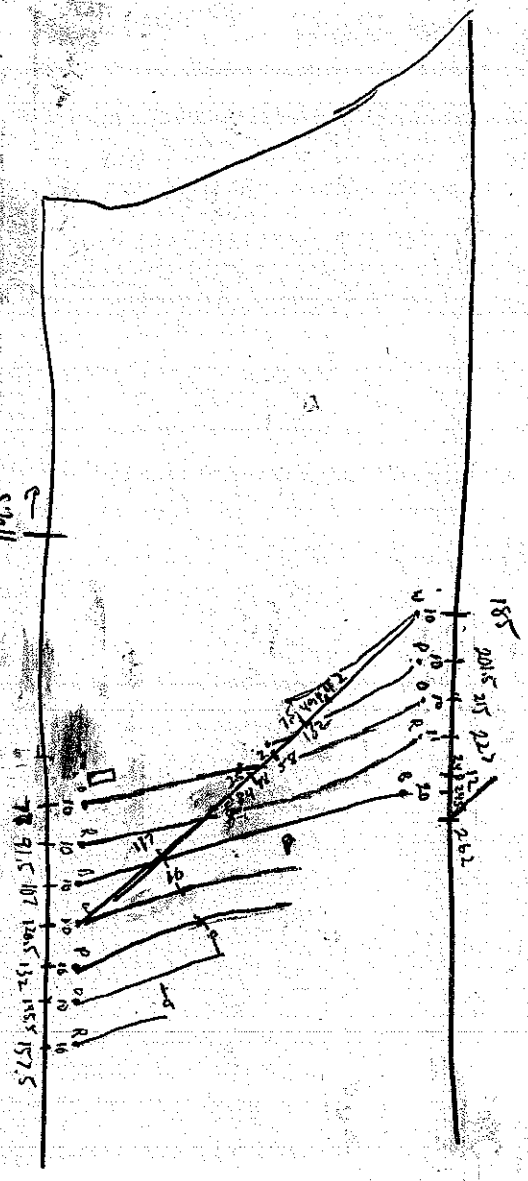
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	960 ft2	960 ft2
System Type(s)	PPBPS	PPBPS
Site LTAR	.25	.25

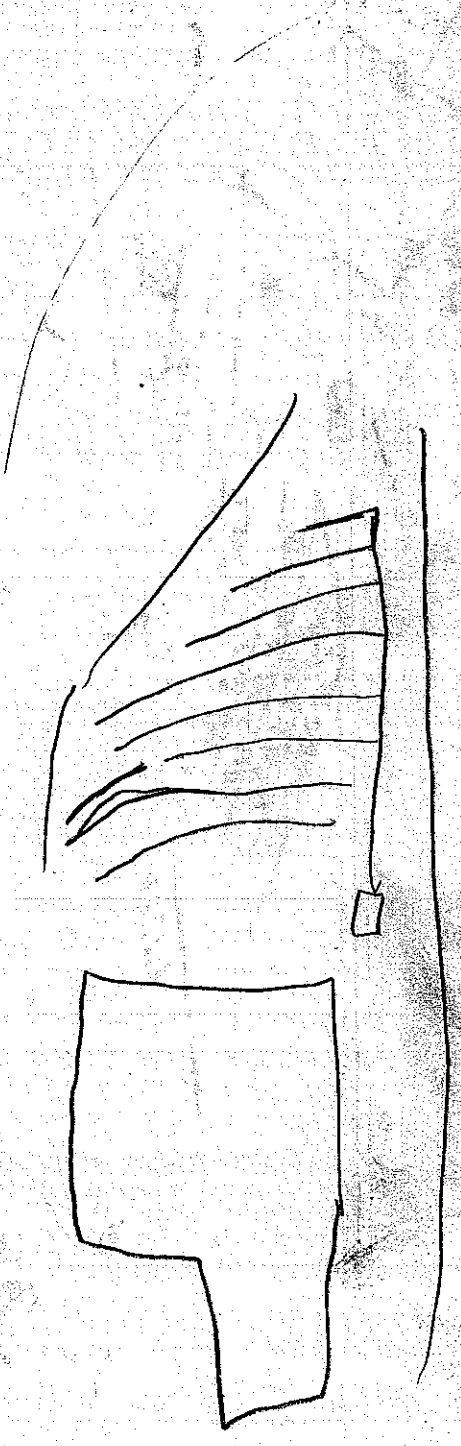
OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ROLLANS SOIL & ENVIRONMENTAL SERVICES
OTHER(S) PRESENT:

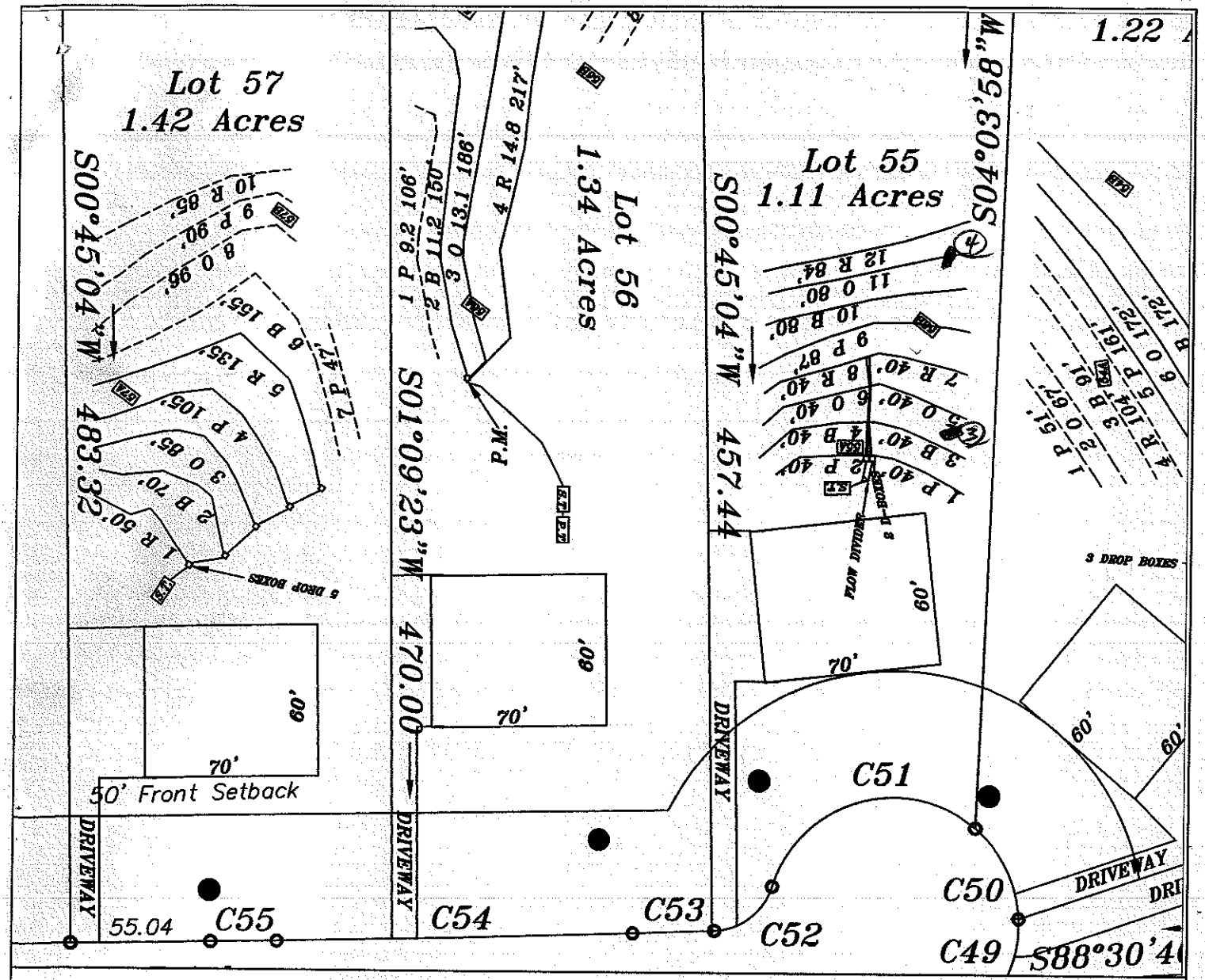
COMMENTS:


S83°29'59"E 495.49 Total
125.31
128.85
140.00
101.34
Lot 54
1.22 Acres
Lot 55
1.11 Acres
Lot 56
1.34 Acres
S04°03'58"W 404.62
S00°45'04"W 457.44
S07°39'14"W 397.70
S01°60'23"W 470.00
Lot 5
8.38 Ac
DRIVEWAY
C51
C50
C49
C48
C47
C46
C54
C53
C52
L44
125' Front Setback
S88°30'40"W 150.28
S88°38'28"W 194.00
Drive (50' Public R/W)

P 100 246
O-99 247
R-98 148/50
B-87
W-80 372
P-80
O-55
R-10
~~30~~







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" = 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
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

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: WEDELL GROUP LLC/WILDEN RIDGE SUBDIVISION

LOCATION/DATE: TEXTER 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: CBP AND AP