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 6 PROPERTY RECORDED: Y

WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other

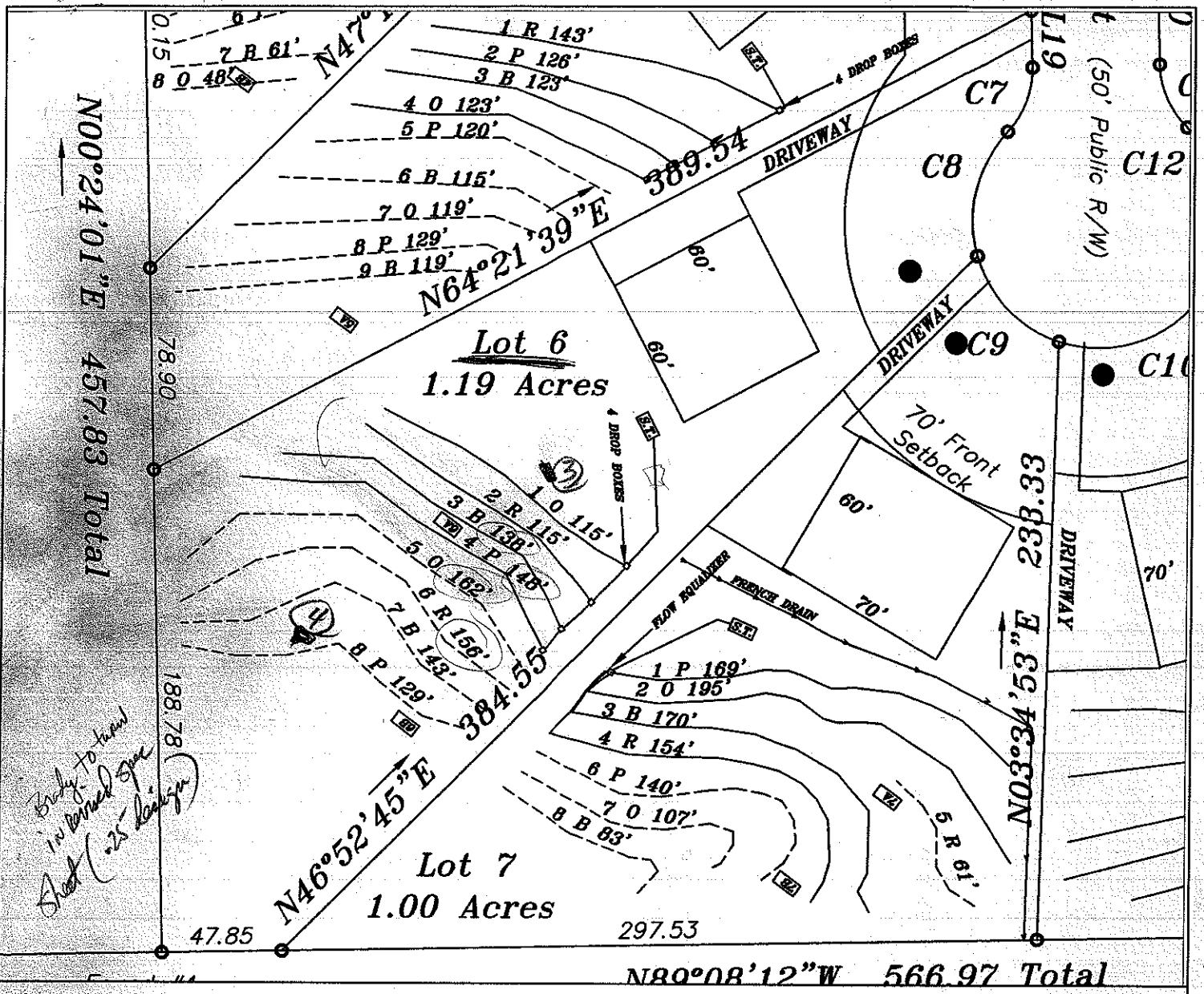
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

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
6A	LSS 8-10%	0-12	BC SBK	fri SSSP Sexp	few SAP	55"	N/A	N/A	PS .3 gpd/ft²
		12-55	RCL WSBK	fri SSSP Sexp	N/A many SAP Inc				
6B	LSS 8-10%	0-4	BSCL GR	fri SSSP Sexp	N/A	53"	N/A	N/A	PS .3 gpd/ft²
		4-19	RC MSBK	fri SSSP Sexp					
		19-53	RCL MFSBK	fri SSSP Sexp Common SAP					
(3)		0-23	SBK red C	fr SP Sexp					.25-.3
		23-49	WKSBK SCL	fr SSSP common SAP					
		0-9	WKSBK brn SCL	fr SSSP					.25-.3
		9-27	SBK red C	fr SP-SSSP Sexp					
		27-50	WKSBK red C + SAP	fr SSSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 ft²	1770 ft²
System Type(s)	25% Red	25% Red.
Site LTAR	.3	.3

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.

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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ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
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MAP TITLE:	SITE PLAN & DRAINFIELD AREAS
PROJECT NAME:	REDELL GROUP LLC/WALDEN RIDGE SUBDIVISION
LOCATION/DATE:	TEETER ROAD REDELL COUNTY, NORTH CAROLINA DECEMBER 2006
JOB # :	01--1069
FILE:	C:\JOBS\01--1069
PROJECT MGR.:	CBF
FIELD WORK:	CBF AND AP
DRAWN BY:	CBF AND AP