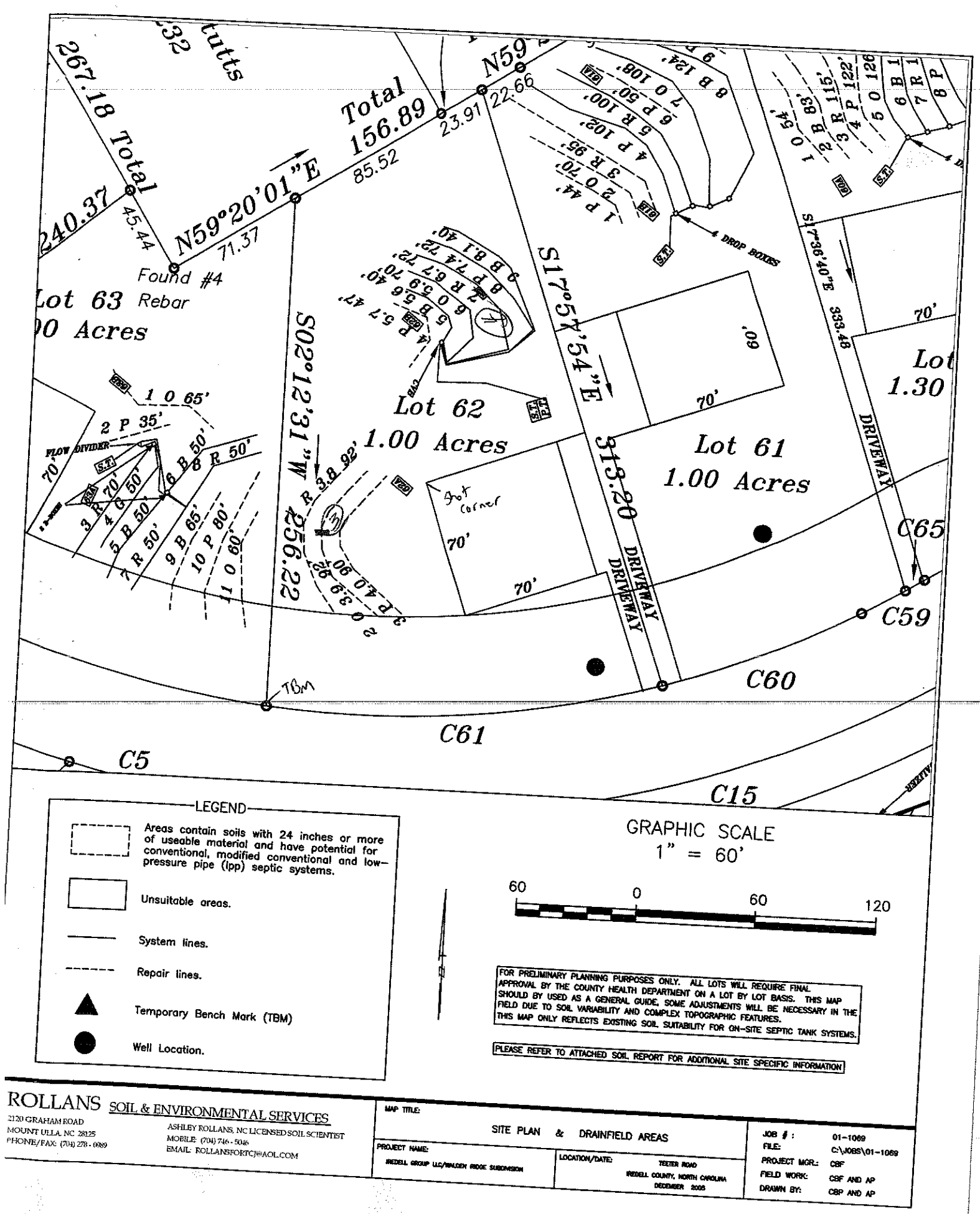


LEGEND

- 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) 278-0689
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746-5046
EMAIL: ROLLANSFORTCJ@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: CBP AND AP

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
ADDRESS: 109-C WILLIAMSON ROAD MOORESVILLE
PROPOSED FACILITY: RES
PROPOSED DESIGN FLOW (.1949): 480
APPLICATION DATE 3/06
LOCATION OF SITE: Walden Ridge Lot 62
DATE EVALUATED: 3/06
WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other
PROPERTY SIZE: ___ AC
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut
PROPERTY RECORDED: Y
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
62A	LSS 10-15%	0-5	BSCL WSBK	fri SSSP Smp	N/A	51"	N/A	N/A	PS .275 gpd/ft²
		5-30	RC MABK/SBK	fri SP Smp					
		30-51	RCL MWSBK	fri SSSP Smp					
2B	LSS 10-15%	0-7	BSCL WK	fri SSSP Smp	N/A	48"	N/A	N/A	PS .3 gpd/ft²
		7-27	RC MFSBK	fri SSSP Smp					
		27-48	RCL MFSBK	fri SSSP Smp					
)		0-8	gr brn scl	fri SSSP Smp	few wet spp				.25-.3
		8-52	mottled red c	fri sph SP					
		0-7	wk sbk brn scl	fri SSSP	few wet spp				.275-.3
		7-48	wk-mo sbk red cl	fri sp-SSSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
able Space (.1945)	882 ft²	963 ft²
n Type(s)	PDBPS	PDBPS
TAR	.275	.25

ENTS: ___

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