Lot 31 Woodleaf Subdivision Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System Type	**25% Reduction**
LTAR (gpd)/ft2	**0.3**
Total Ft. Line	400
No. Lines	3 (See Table)
Pump Required	No
Distribution Device	Drop Boxes
Maintenance Agreement Required	No
Repair System	**25% Reduction**
Total Ft. Line	600+
Repair System Loading Rate	0.3

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Pink	25% Reduction	100
2	Repair	Blue	25% Reduction	174
3	Repair	White	25% Reduction	200
4	Repair	Pink	25% Reduction	150
5	System	Red	25% Reduction	133
6	System	Orange	25% Reduction	133
7	System	Blue	25% Reduction	134
				Total System: 400'
				Total Repair: 624'

Tank	Red	1000 gal (2 compartment)
House	Blue	

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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

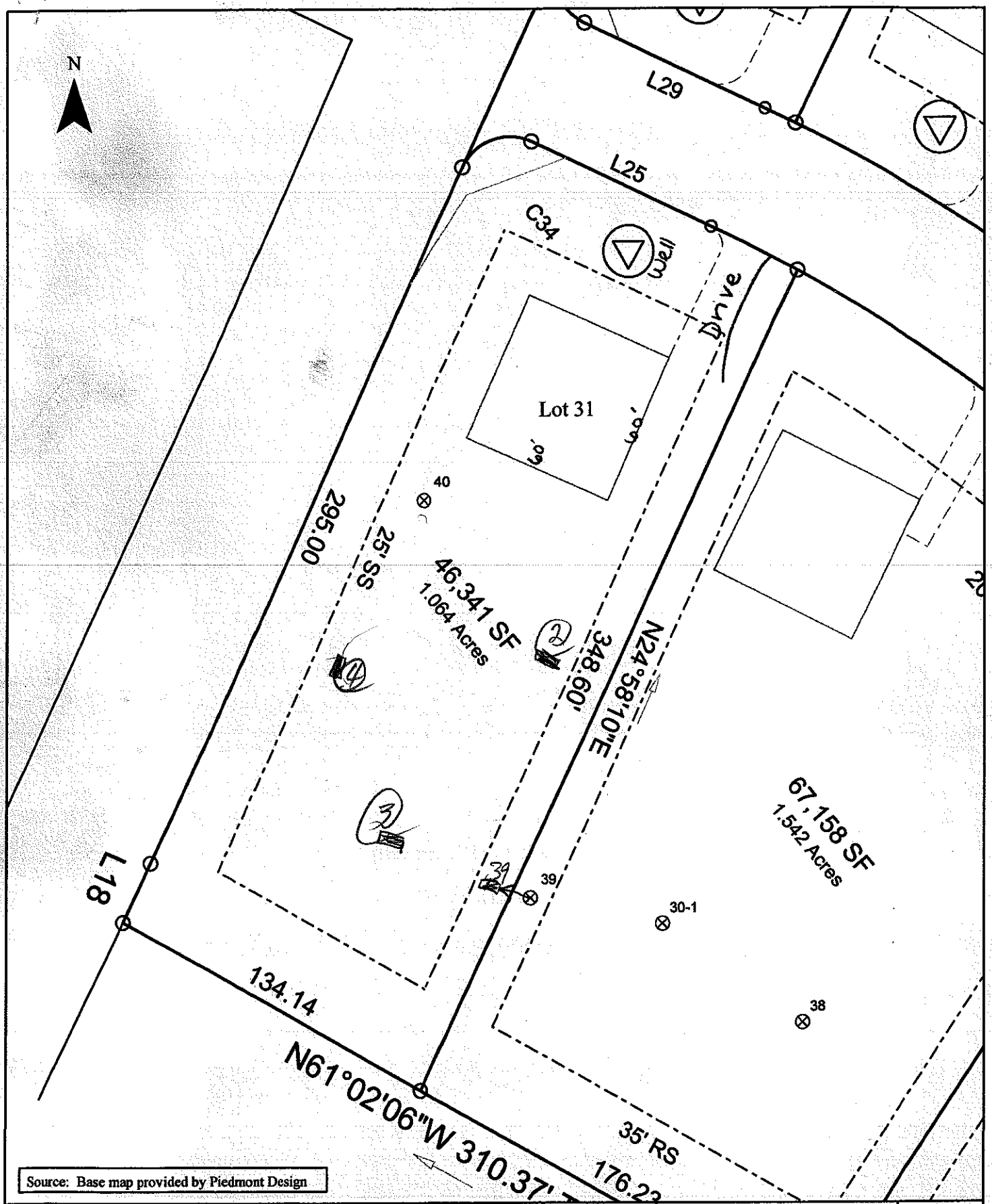
OWNER: Woodleaf
APPLICATION DATE _____
ADDRESS: _____
DATE EVALUATED: 6/01/06
PROPOSED FACILITY: House
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: _____
LOCATION OF SITE: Lot 31
PROPERTY RECORDED: _____
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	Pit #40 L	0-3	WK SBK SL	FR SS/SP	Br				0.3
		3-24	Mo SBK C	FR SS/SP	Red				
		24-48	WK SBK CL	FR SS/SP	Red; C sap				
2		0-10	wk sbk brn sil	fr ss sp					.3
		10-36	wk sbk ry scl	fr ss sp	few fine sap				
		36-52	wk sbk CL	fr ss sp	common sap				
3	11% L	0-12	gr brn sl	fr ss sp					.3
		12-36	wk sbk red c	fr ss sp	few yel brn mottles				
		36-46	(w) wk sbk yel rd	fr ss sp	few fine sap				
		46-51	massive l sap	fr ss sp	few fine				
4		0-4	gr brn sl	fr ss sp					.3
		4-18	wk sbk red c cl	fr ss sp	few fine sap				
		18-27	wk sbk c cl sap	fr ss sp					
		27-56	massive scl sap	fr ss sp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____



Source: Base map provided by Piedmont Design

Scale: 1 inch equals 50 feet	S&ME	Woodleaf Subdivision	FIGURE
Drawn by: JBP		Lot 31	1
Reviewed by: PGP		Iredell County, NC	
Date: June, 2006	ENVIRONMENTAL SERVICES · ENGINEERING · TESTING	S&ME Project #1588-05-121	