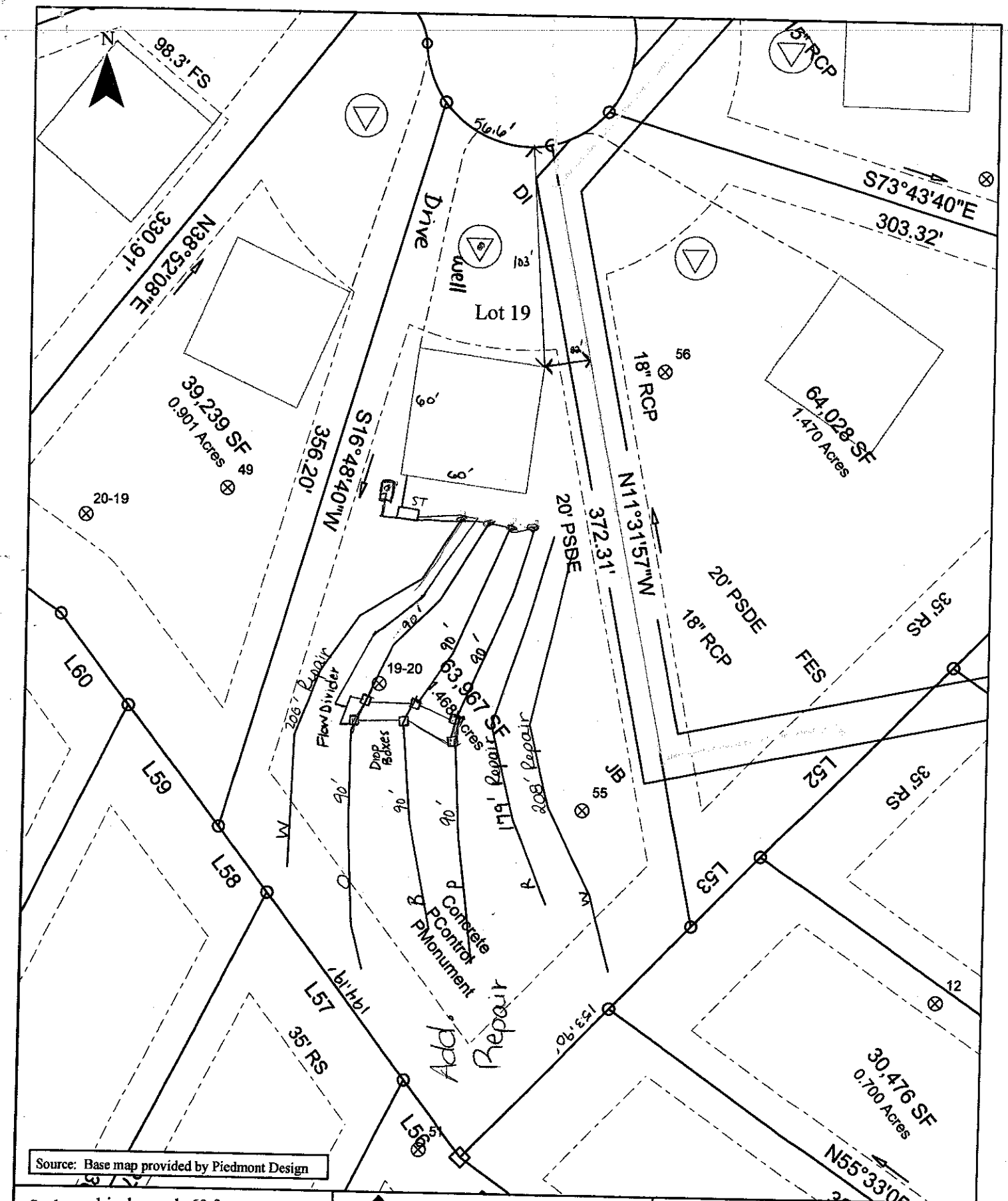


Source: Base map provided by Piedmont Design

Scale: 1 inch equals 60 feet	S&ME	Woodleaf Subdivision	FIGURE
Drawn by: JBP		Lot 19 Septic Lines	1
Reviewed by: PGP		Iredell County, NC	
Date: July, 2006	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	S&ME Project #1588-05-121	

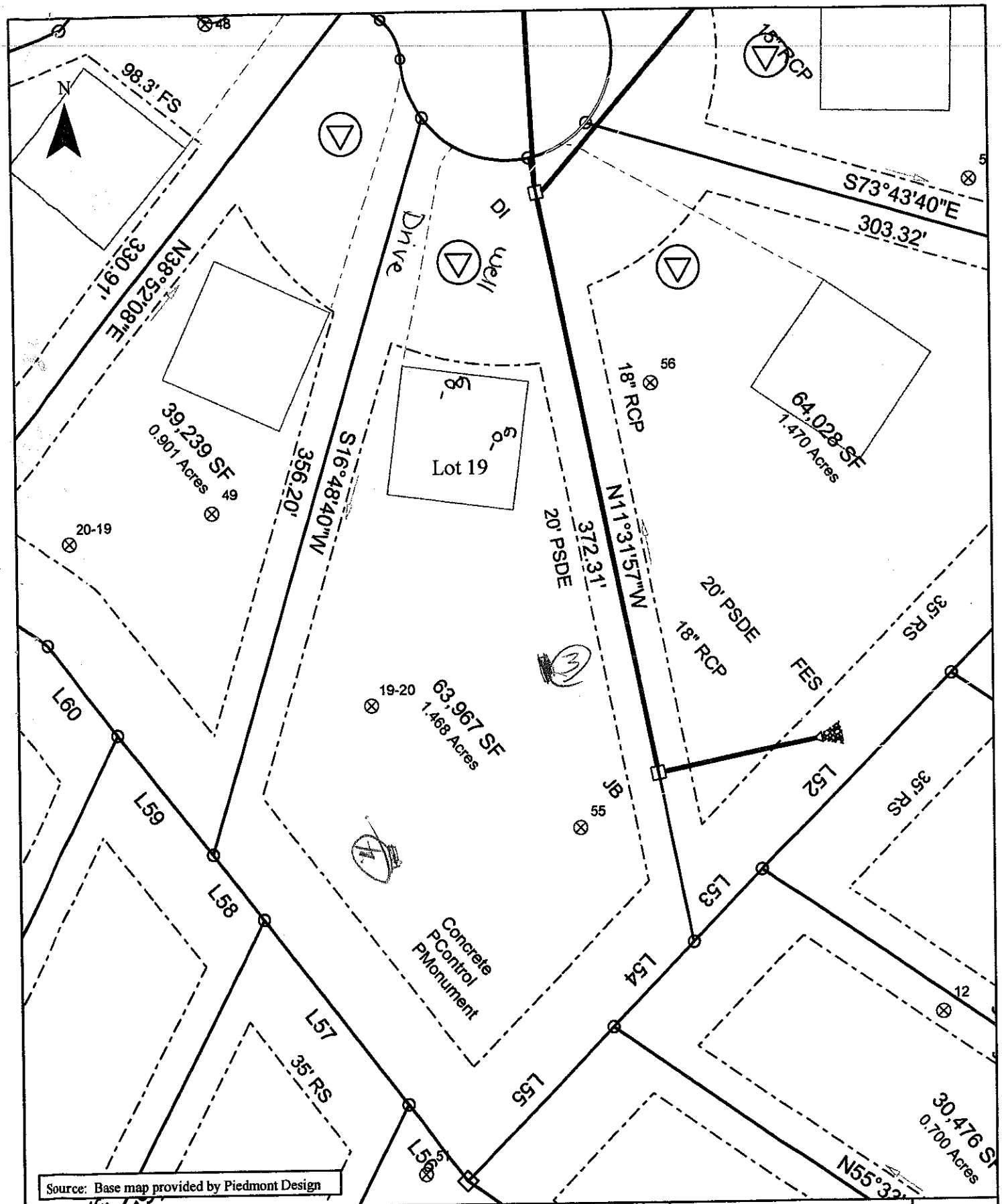
Lot 19 Woodleaf Subdivision Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Basement w/out Plumbing**
Design Flow (gpd)	**480**
Primary System Type	**25% Reduction**
LTAR (gpd)/ft2	**0.225**
Total Ft. Line	534'
No. Lines	6 (See Table)
Pump Required	No
Distribution Device	Flow Divider w/ Drop Boxes
Maintenance Agreement Required	No
Repair System	**25% Reduction**
Total Ft. Line	587
Repair System Loading Rate	0.225

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	White	25% Reduction	200'
2	System	Orange	25% Reduction	2 @ 90' endfed
3	System	Blue	25% Reduction	2 @ 90' endfed
4	System	Pink	25% Reduction	2 @ 90' endfed
5	Repair	Red	25% Reduction	179'
6	Repair	White	25% Reduction	208'
				Total System: 534'
				Total Repair: 587'

Tank	Red	1000 gal (2 compartment)
House	Blue	



Scale: 1 inch equals 60 feet	S&ME	Woodleaf Subdivision	FIGURE
Drawn by: JBP		Lot 19	1
Reviewed by: PGP	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	Iredell County, NC	
Date: June, 2006		S&ME Project #1588-05-121	

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Woodleaf
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 DATE EVALUATED: 6-1-
LOCATION OF SITE: Lot 19 PROPERTY SIZE: _____
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other PROPERTY RECORDED: _____
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 20	0-10	scl sbk	ss, sp, fri	Brown				.25
		10-48	c sbk	ss, sp, fri	Red/yellow Brown mottles	manganese noted			
		48-54	cl (w) sbk	ss, sp, fri	Red brown				
2	Pit # 55 L	0-12	MoSBK C	FR SS/SP	Red				0.3
		12-42	WK SBK CL	FR SS/SP	Red; C Sap				
		42-52	MAL/SL SAP	FR ns/np	Br; F Rock Fragments				
3		0-7	wk sbk brn sl	fi dry ss sp					.2-.225
		7-15	ABk red c	fi ss sp sap					
		15-54	wk sbk cl	fi ss sp	36"+				
			common yellow mottles		few ch 2 ~36"			24" max to R	
4	1% L	0-5	mgr brn sl	fr ss sp					.3
		5-30	msbk red c	fr ss sp sap					
		30-54	wk sbk red cl	fr ss sp					
				few mica/sap					

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

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

COMMENTS: Need to look at other pits