Lot 33 Rocky Ridge Farm 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	4 (See Table)
Pump Required	No
Distribution Device	Distribution Box
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Ft. Line	410
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	LP PPBPS	30
2	Repair	Orange	LP PPBPS	60
3	Repair	White	LP PPBPS	72
4	Repair	Blue	LP PPBPS	77
5	Repair	Red	LP PPBPS	81
6	Repair	Pink	LP PPBPS	90
7	System	Orange	25% Reduction	100 endfed
8	System	White	25% Reduction	100 endfed
9	System	Blue	25% Reduction	100 endfed
10	System	Red	25% Reduction	100 endfed
				Total System: 400'
				Total Repair: 410'

Tank	Red	1500 gal (2 compartment)
House	Blue	

[redacted]NT OF ENVIRONMENT AND NATURAL RESOURCES
[redacted] OF ENVIRONMENTAL HEALTH
[redacted]E WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

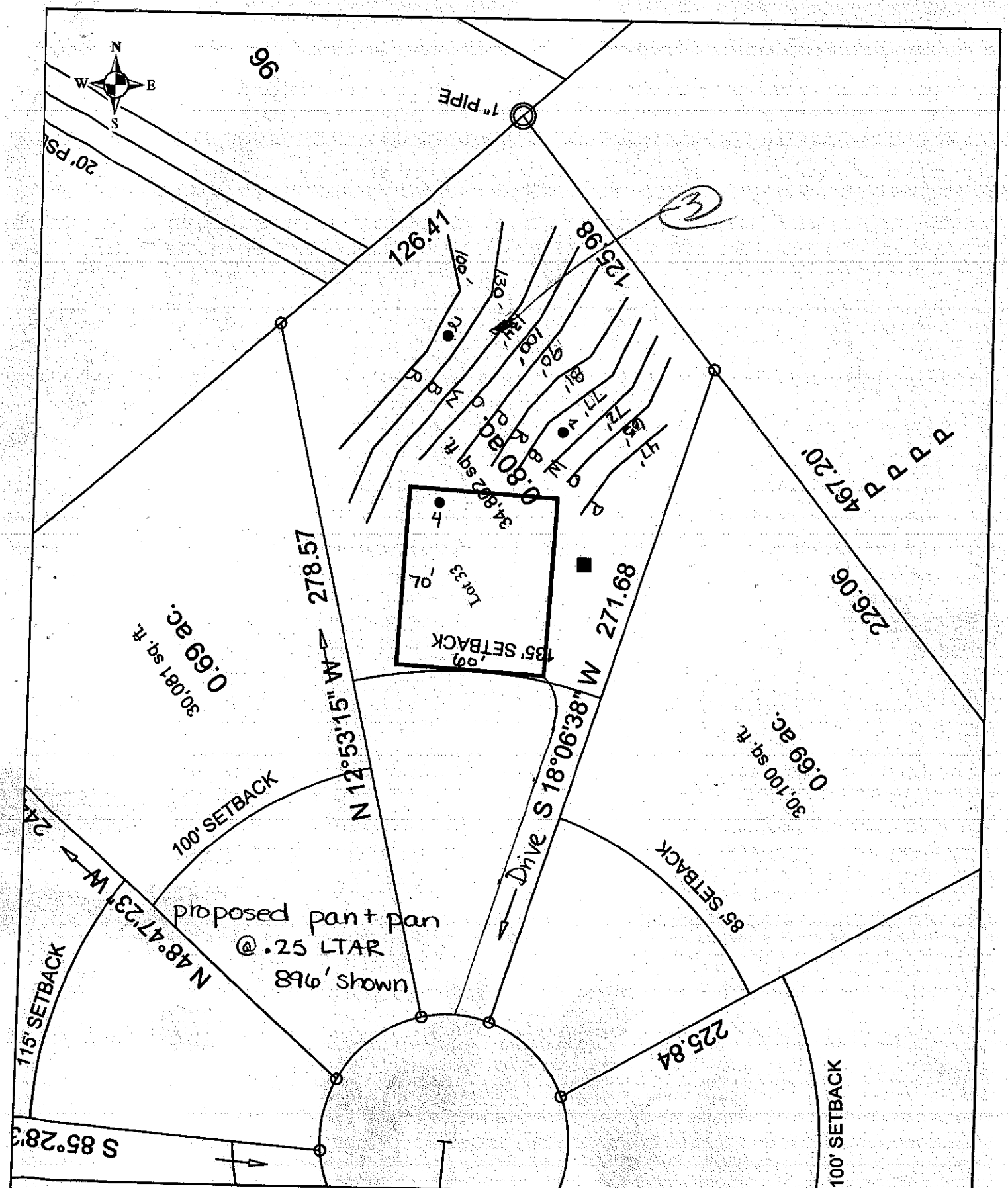
OWNER: Rocky Ridge
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 DATE EVALUATED: _____
LOCATION OF SITE: Lot 33 PROPERTY SIZE: _____
WATER SUPPLY: ☐ Private ☒ Public ☒ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
EVALUATION METHOD: ☐ Auger Boring ☒ 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	L 0-4% ~8% L	0-4	vsbk scl	SS SP Fr	Br				.25
		4-19	mabk c	SS SP Fr	R				
		19-52	vsbk c	SS SP Fi	R c weathered rock that is firm (non diggable) opposite wall of pit has no signs of weathered rock				
2	L 0-4%	0-4	vsbk scl	SS SP Fr	Br				.3
		4-32	msbk c	SS SP Fr	R few YS mottles (relic)				
		32-55	vsbk cl	SS SP Fr	R				
3	2-6% 8% V	0-4	wsbk sl	fr ss sp					.3
		4-25	mabk red c	fr ss sp	Soap Ring Around Pit				
		25-53	wsbk cl	fr ss sp					
4	L	0-5	WK SBK SCL	FR SS/SP	Br				.3
		5-22	Mo SBK C	Fi S/P	Red; FF Yel Br				
		22-50	Mo SBK C-CL	FR SS/SP	Red; F Sap				

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: _____



Scale: 1 inch equals 50 feet	S&ME	Rocky Ridge - Lot 33	FIGURE
Drawn by: JBP	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	Scaled Detailed Site Plan	1
Reviewed by: PGP		Iredell County, NC	
Date: February, 2006		S&ME Project #1588-05-081	