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3-24-09
OK DRT

To: Iredell County Environmental Health Department

From: Paul G. Penninger, LSS
Kathleen Haver, LSSIT

RE: Rocky Ridge Farm Subdivision – Dienst Enterprises – Lot 14 Fast Track

Date: February 22, 2006

Attached is the Fast Track information required to place Lot 14 Rocky Ridge Farm on your developer work list to review the septic system layouts. Please call when you are ready to review the lot and we will meet you on the site.

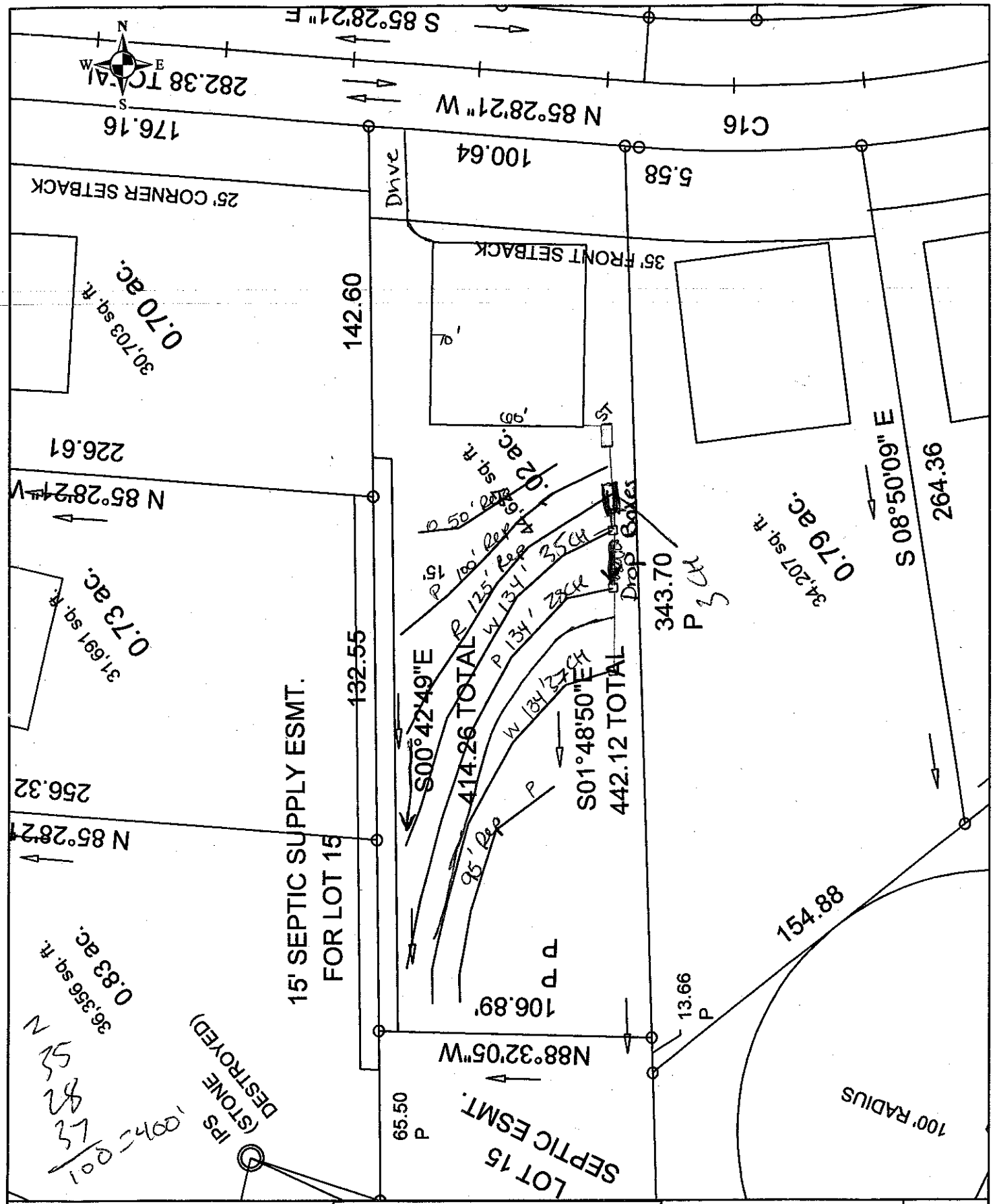
The attached information is not an Improvement Permit or Authorization to Construct, and is only to assist the Iredell County Environmental Health Department (ICHD) with the site evaluation. The ICHD has to approve each lot and only the ICHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC rules. If the ICHD wishes to change tank locations, distribution devices, etc., this can be shown on the Improvement Permit.

All information and specifications were prepared in conjunction with the Fast Track Program for Iredell County and are for the sole use of Bob Dienst of Dienst Enterprises in acquiring permits under the Fast Track Program. All soil work has been approved by David Hinson of the Iredell County Health Department. It is ultimately the Iredell County Health Department's responsibility to verify all specifications before permitting and/or septic system installation.

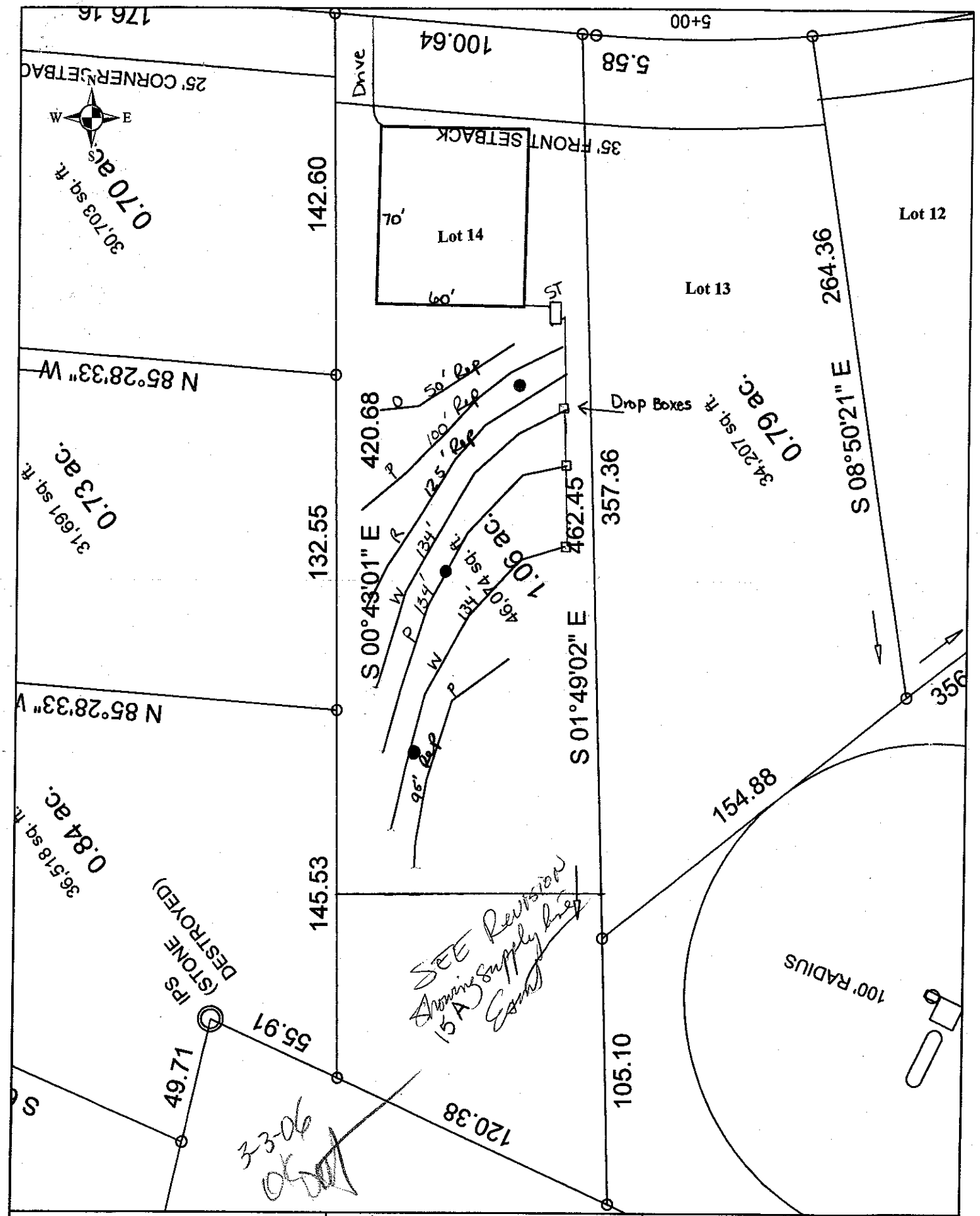
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Revised - Rec'd 3-24-06



Scale: 1 inch equals 50 feet	S&ME	Rocky Ridge - Lot 14	FIGURE
Drawn by: JBP		Scaled Detailed Site Plan	1
Reviewed by: PGP		Iredell County, NC	
Date: March, 2006	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	S&ME Project #1588-05-081	



Scale: 1 inch equals 50 feet	S&ME	Rocky Ridge - Lot 14	FIGURE
Drawn by: JBP		Scaled, Detailed Site Plan	1
Reviewed by: PGP		Iredell County, NC	
Date: January, 2006	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	S&ME Project #1588-05-081	

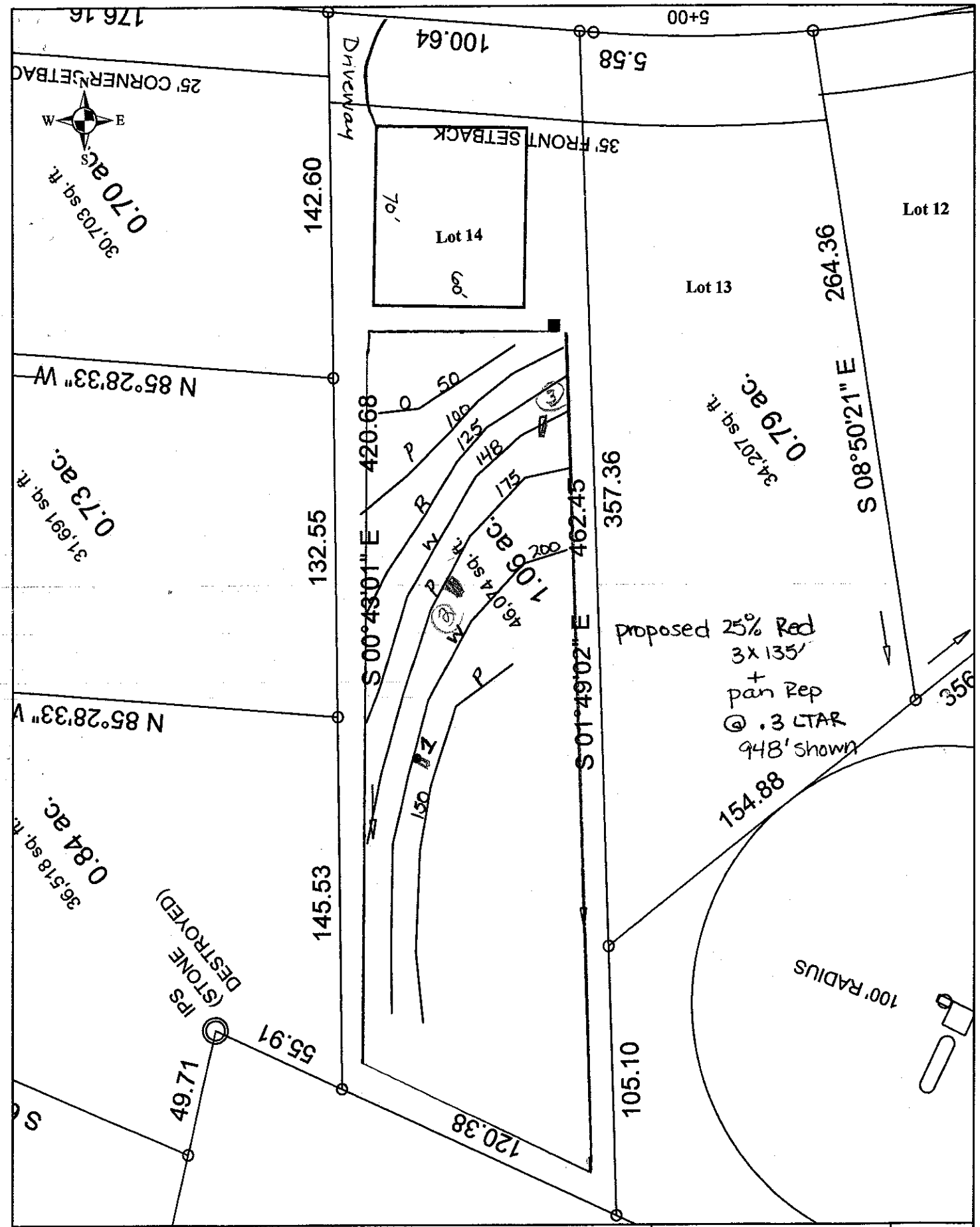
Lot 14 Rocky Ridge Farm Subdivision Fast Track Septic System Information

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	402
No. Lines	3 (See Table)
Pump Required	No
Distribution Device	Drop Boxes
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Ft. Line	370
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	Orange	LP PPBPS	50
2	Repair	Pink	LP PPBPS	100
3	Repair	Red	LP PPBPS	125
4	Repair	White	25% Reduction	134 endfed
5	Repair	Pink	25% Reduction	134 endfed
6	System	White	25% Reduction	134 endfed
7	System	Pink	LP PPBPS	95
				Total System: 402'
				Total Repair: 370'

Tank	Red	1500 gal (2 compartment)
House	Blue	



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Drawn by: JBP	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	Scaled, Detailed Site Plan	1
Reviewed by: PGP		Iredell County, NC	
Date: January, 2006		S&ME Project #1588-05-081	

...MENT OF ENVIRONMENT AND NATURAL RESOURCES
...ON OF ENVIRONMENTAL HEALTH
...SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Rock, Ridge _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: Lot 14 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) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 7 0 / 8-10 L / 2-8-06	0-13	msbk c	SS SP Fr	R				
		13-19	wsbk cl	SS SP Fr	R c	sap incl.			
		19-55	mass SL	Fr	Mult:	C weathered rock (diggable) incl.			.3
		0-10	wk sbk sl cl	fr ss sp					
		10-67	massive SL SP	fr ss sp					
2	12 B/O L	0-8	SBK rd brn	C fr sp so					
		8-13	wk sbk cl	sp fr ss so					.3
		13-60	massive L sap	mostly fr ss sp	incl w. mod of SL sap				
3		0-7	gr fine SL	fr ss sp					
		7-21	wk sbk clay cl	fr ss sp					
		21-40	mass red c	fr ss sp so					.3
		40-50	wk sbk cl	fr ss sp	few common mica sap				
4									

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: _____