S&ME

OK Draft
3-1-06

To: Iredell County Environmental Health Department

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

RE: Rocky Ridge Farm Subdivision – Dienst Enterprises – Lot 18 Fast Track

Date: February 22, 2006

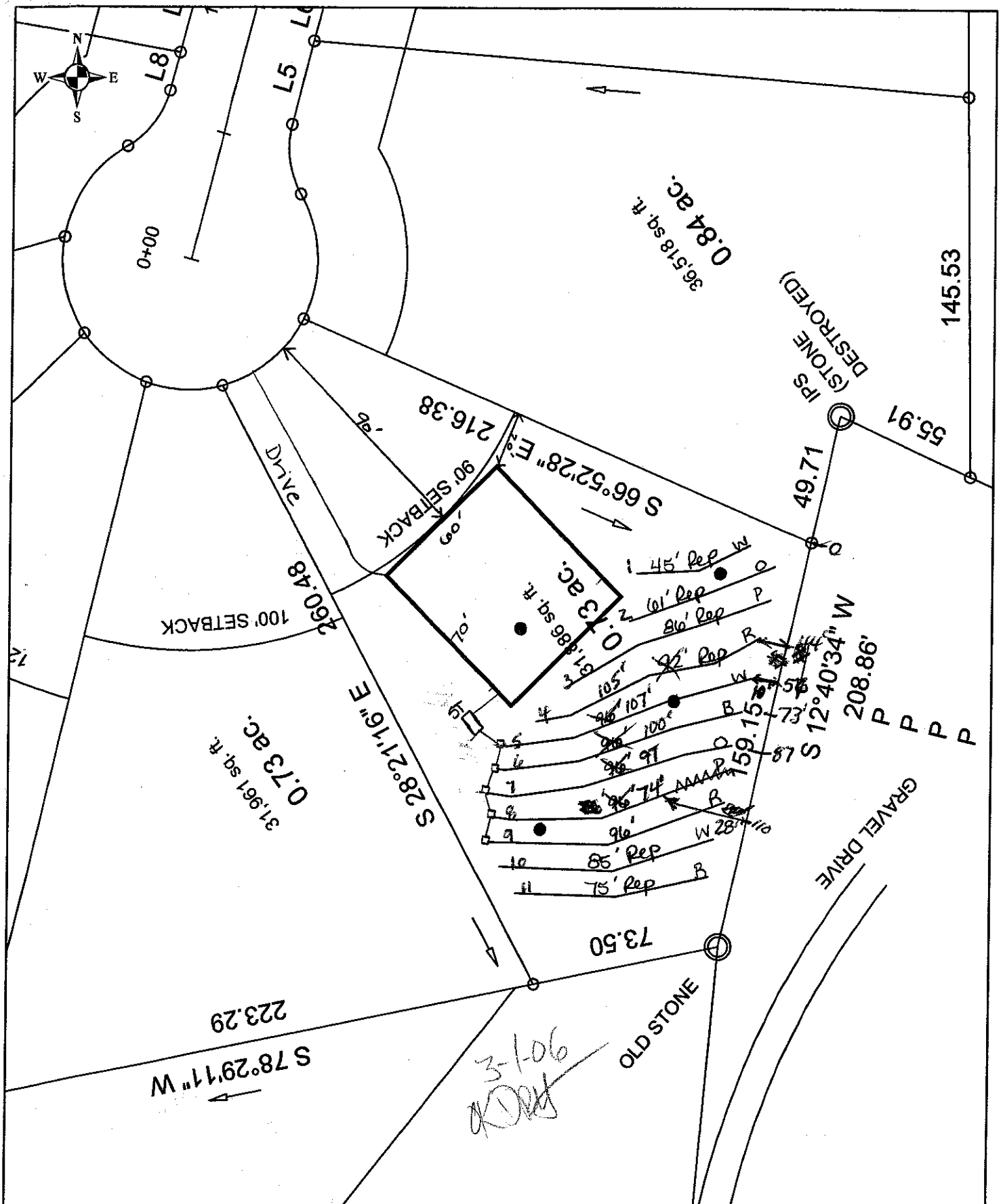
Attached is the Fast Track information required to place Lot 18 Rocky Ridge Farm on your developer work list to review the septic system layouts. Please call when you are ready to review the lot and we will meet you on the site.

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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Scale: 1 inch equals 50 feet	S&ME	Rocky Ridge - Lot 18	FIGURE
Drawn by: JBP		Scaled Detailed Site Plan	1
Reviewed by: PGP		Iredell County, NC	
Date: February, 2006	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	S&ME Project #1588-05-081	

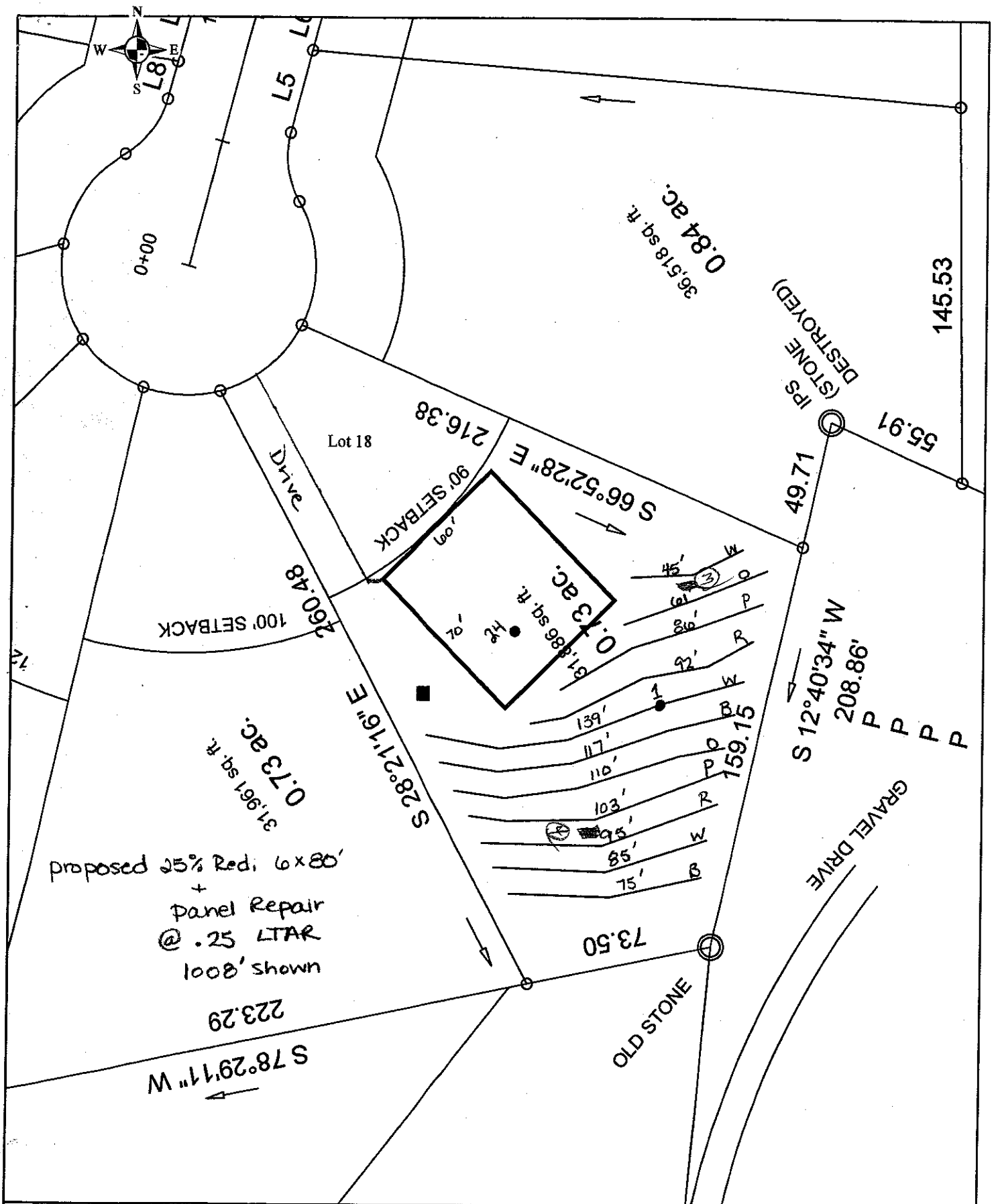
Lot 18 Rocky Ridge Farm Subdivision Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System Type	**25% Reduction**
LTAR (gpd)/ft2	**0.25**
Total Ft. Line	480
No. Lines	5 (See Table)
Pump Required	No
Distribution Device	Drop Boxes
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Ft. Line	444
Repair System Loading Rate	0.25

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	White	LP PPBPS	45
2	Repair	Orange	LP PPBPS	61
3	Repair	Pink	LP PPBPS	86
4	Repair	Red	LP PPBPS	92
5	System	White	25% Reduction	96 endfed
6	System	Blue	25% Reduction	96 endfed
7	System	Orange	25% Reduction	96 endfed
8	System	Pink	25% Reduction	96 endfed
9	System	Red	25% Reduction	96 endfed
10	Repair	White	LP PPBPS	85
11	Repair	Blue	LP PPBPS	75
				Total System: 480'
				Total Repair: 444'

Tank	Red	1500 gal (2 compartment)
House	Blue	



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...OF ENVIRONMENTAL HEALTH
...E WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Rocky Ridge APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 1/16/06
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: Lot 18 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
AH-1	L 5% V	0-5	WK SBK SCL	FR SS/SP	Br				.3
		5-12	Mo SBK C	FR SS/SP	Red; F mica				
		12-46	WK SBK CL	FR SS/SP	Red; C Sap/Mica				
24	L	0-5	WK SBK SL	FR ns/np	Br				.25-.3
		5-22	Mo SBK/ABK C	FR SS/SP	Red; F Yel Br				
		22-42	WK SBK CL	FR SS/SP	Yel Red; C Sap				
3	18-0%	0-4	wk sbk loamy sand/sl fri sso						.25
		4-23	ABk red c	fr fss sp/sp common yellow mottles					
		23-48	wk sbk red cl sand	fr sss p					
4	5% V	0-30	wk sbk red c	fr sss p fe stain in sap					.3
		30-48	wk sbk red cl	fr sss p common sap					

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

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