

# SANITARY SEWAGE SYSTEM

OWNER: KENNETH H. Suggs PHONE: 468-4465 DATE REQUESTED: 11-11-93 DATE EVALUATED: 11-25-93  
 ADDRESS: 1411 Fort Bragg Rd Fay PROPERTY IDENTIFICATION NO.: \_\_\_\_\_  
 COUNTY: HARRIS PROPERTY SIZE: \_\_\_\_\_ PROPOSED FACILITY: 3 Bedroom  
 LOCATION OF SITE: OVERHILLS CREEK ORRIN COURT LOT 17  
 WATER SUPPLY: On-Site Well \_\_\_\_\_ Community \_\_\_\_\_ Public X EVALUATION BY: Auger Boring 400 Pit \_\_\_\_\_ Cut \_\_\_\_\_

LANDSCAPE POSITION	Group	TEXTURE	Applying Rate
R - Ridge	I	s - sand	1.2-0.8
S - Shoulder slope		ls - loamy sand	
L - Linear slope	II	sl - sandy loam	0.8-0.6
FS - Foot slope		l - loam	
N - Nose slope	III	sl - silt	0.6-0.3
H - Head slope		sll - silt loam	
Cc - Concave slope		sicl - silty clay loam	
Cv - Convex slope		cl - clay loam	
T - Terrace	IV	scl - sandy clay loam	0.4-0.1
FP - Flood Plain		nc - sandy clay	
		slc - silty clay	
		c - clay	

### LEGEND

#### CONSISTENCE

**MOIST**  
 vfr - very friable  
 fr - friable  
 fl - firm  
 vfl - very firm  
 efl - extremely firm

#### WET

Ns - non-sticky  
 Ss - slightly sticky  
 S - sticky  
 Vs - very sticky  
 Np - non-plastic  
 Sp - slightly plastic  
 P - plastic  
 Vp - very plastic

#### STRUCTURE

sg - single grain  
 m - massive  
 cr - crumb  
 gr - granular  
 sbk - subangular blocky  
 abk - angular blocky  
 pl - platy  
 pr - prismatic

#### MINERALOGY

1:1, 2:1, mbao

Use the above standard abbreviations.

#### NOTES:

Horizon Depth - In inches  
 Depth of Fill - In inches from land surface  
 Restrictive Horizon - thickness and inches from land surface  
 Saprolite - S (suitable) or U (unsuitable)

#### NOTES:

Soil Wetness - inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation  
 Classification - S (suitable), PS (provisionally suitable) or U (unsuitable)  
 Long-Term Acceptance Rate - gal/day/ft<sup>2</sup>

DHS 2601 (Revised \_\_\_\_\_)  
 Sanitation Branch (Review \_\_\_\_\_)

### Calculations:

$$3(120) = 360 \text{ gal/day}$$

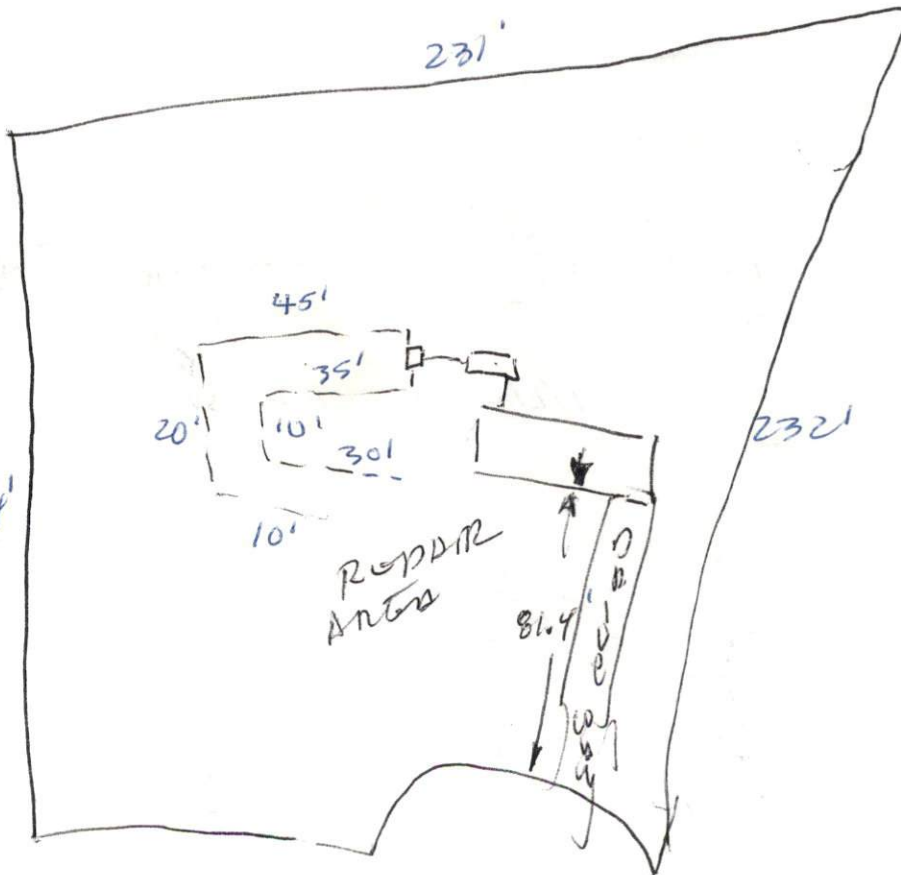
$$\frac{360}{.8} = 450 \text{ ft}^2$$

$$\frac{450 \text{ ft}^2}{3 \text{ ft}} = 150 \text{ ft}$$

2 LINES 75 ft  
 Each.

### NOTE:

- BUILD HOUSE FOUNDATIONS HIGH TO GET FALL TO SEPTIC TANK
- IF NOT A PUMP TANK MAY BE REQUIRED



FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	S	L	S	H	
SLOPE (%)	3%	5%	5%		
HORIZON I DEPTH	0"-24"	0"-1"	0"-1"	0"-1"	
Texture Group	TOP SOIL	TOP SOIL	TOP SOIL	TOP SOIL	
Consistence					
Structure					
Mineralogy					
HORIZON II DEPTH	4"-12"	1"-8"	1"-34"	1"-20"	
Texture Group	LS	LS	LS	LS	
Consistence	FV	FV	FV	FV	
Structure	GV	GV	GV	GV	
Mineralogy	1:1	1:1	1:1	1:1	
HORIZON III DEPTH	12"-38"	8"-	34"-	40"-49"	
Texture Group	SL	SL	SL	S	
Consistence	EI	FV	FV	VFV	
Structure	SBK	CV	CV	Sgy	
Mineralogy	1:1	1:1	1:1		
HORIZON IV DEPTH	30"-48"				
Texture Group	SL				
Consistence	FV				
Structure	CV				
Mineralogy	1:1				
SOIL WETNESS	/	15" 547/1	38" 547/1		
RESTRICTIVE HORIZON	/	/	/		
SAPROLITE	/	/	/		
CLASSIFICATION	S	U	S	S	
LONG-TERM ACCEPTANCE RATE	.6 Front 2012	Highway Front Low	.8 Front 2012	.9	

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LANDSCAPE POSITION					
SLOPE (%)					
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Texture Group					
Consistence					
Structure					
Mineralogy					
HORIZON II DEPTH					
Texture Group					
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Mineralogy					
HORIZON III DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
HORIZON IV DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
SOIL WETNESS					
RESTRICTIVE HORIZON					
SAPROLITE					
CLASSIFICATION					
LONG-TERM ACCEPTANCE RATE					

SITE CLASSIFICATION: SUBCATEG 1  
EVALUATED BY: [Signature]  
REMARKS: [Signature]  
SITE LONG-TERM ACCEPTANCE RATE: .8  
OTHER(S) PRESENT: