

# SANITARY SEWAGE SYSTEM

OWNER: JAMES E. LAMM PHONE: 813-2547 DATE REQUESTED: 1-6-44 DATE EVALUATED: 1-16-44  
 ADDRESS: P.O. Box 403 LILLINGTON PROPERTY IDENTIFICATION NO.: \_\_\_\_\_  
 COUNTY: HARNETT PROPERTY SIZE: .46 A PROPOSED FACILITY: 3 BED ROOM  
 LOCATION OF SITE: LOT 11 KELLAM  
 WATER SUPPLY: On-Site Well \_\_\_\_\_ Community \_\_\_\_\_ Public X EVALUATION BY: Auger Boring JD PR \_\_\_\_\_ 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		sl - sandy loam	
FS - Foot slope	II	l - loam	0.8-0.6
N - Nose slope		sl - silt	
H - Head slope	III	sl - silt loam	0.6-0.3
Cc - Concave slope		sicl - silty clay loam	
Cv - Convex slope		cl - clay loam	
T - Terrace		sccl - sandy clay loam	
FP - Flood Plain	IV	sc - sandy clay	0.4-0.1
		sic - silty clay	
		c - clay	

### LEGEND

#### CONSISTENCE

**MOIST**  
 vtr - 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, m...

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
- laprolite - 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>

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

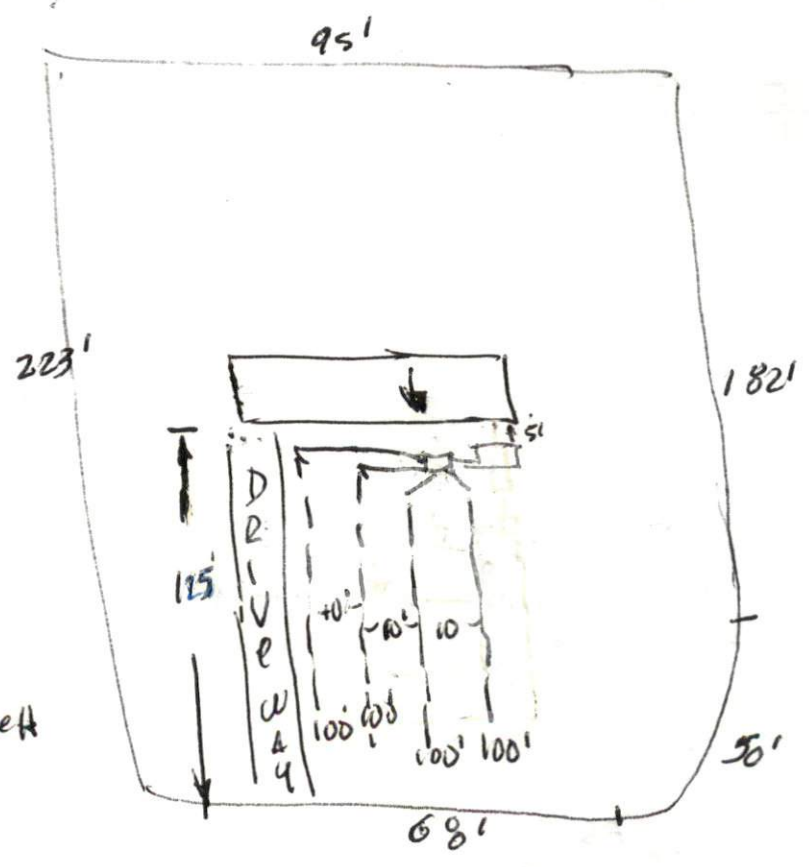
### CALCULATIONS:

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

$$\frac{360}{0.3} = 1200 \text{ ft}^2$$

$$\frac{1200 \text{ ft}^2}{3 \text{ ft}} = 400 \text{ ft}$$

~~400 ft~~  
 4 LINES 100 ft EACH



FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
ESCAPE POSITION	L	L	L		
PE (%)	-	-	-		
HORIZON I DEPTH	0-6"	0-6"	+ 0-4"		
Soil Group	TOP SOIL	TOP SOIL	TOP SOIL		
Resistance	/	/	/		
Structure	/	/	/		
Permeability	/	/	/		
HORIZON II DEPTH	6"-20"	6"-18"	4"-18"		
Soil Group	LS	LS	SCL		
Resistance	EV	EV	F1		
Structure	GV	GV	SbK		
Permeability	1:1	1:1	1:1		
HORIZON III DEPTH	20"-24"	18"-28"	18"-26"		
Soil Group	SCL	SCL	CL		
Resistance	F1	F1	F1		
Structure	SbK	SbK	a bK		
Permeability	1:1	1:1	1:1		
HORIZON IV DEPTH		28"	26"-48"		
Soil Group		CL	C		
Resistance		F1	VFI		
Structure		a bK	a bK		
Permeability		1:1	1:1		
WETNESS	36" 34-11	38" 34-11			
FRICITIVE HORIZON					
ROLITE					
CLASSIFICATION	PS	PS	PS		
LONG-TERM ACCEPTANCE RATE	.5	.4	.3		

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
ESCAPE POSITION					
PE (%)					
HORIZON I DEPTH					
Soil Group					
Resistance					
Structure					
Permeability					
HORIZON II DEPTH					
Soil Group					
Resistance					
Structure					
Permeability					
HORIZON III DEPTH					
Soil Group					
Resistance					
Structure					
Permeability					
HORIZON IV DEPTH					
Soil Group					
Resistance					
Structure					
Permeability					
WETNESS					
FRICITIVE HORIZON					
ROLITE					
CLASSIFICATION					
LONG-TERM ACCEPTANCE RATE					

CLASSIFICATION: PS  
 EVALUATED BY: [Signature]  
 SITE LONG-TERM ACCEPTANCE RATE: .3  
 OTHER(S) PRESENT:  
 (1) RELOCATE DRIVING WAY AND HOUSE 125' BACK  
 (2) HIGH FOUNDATIONS

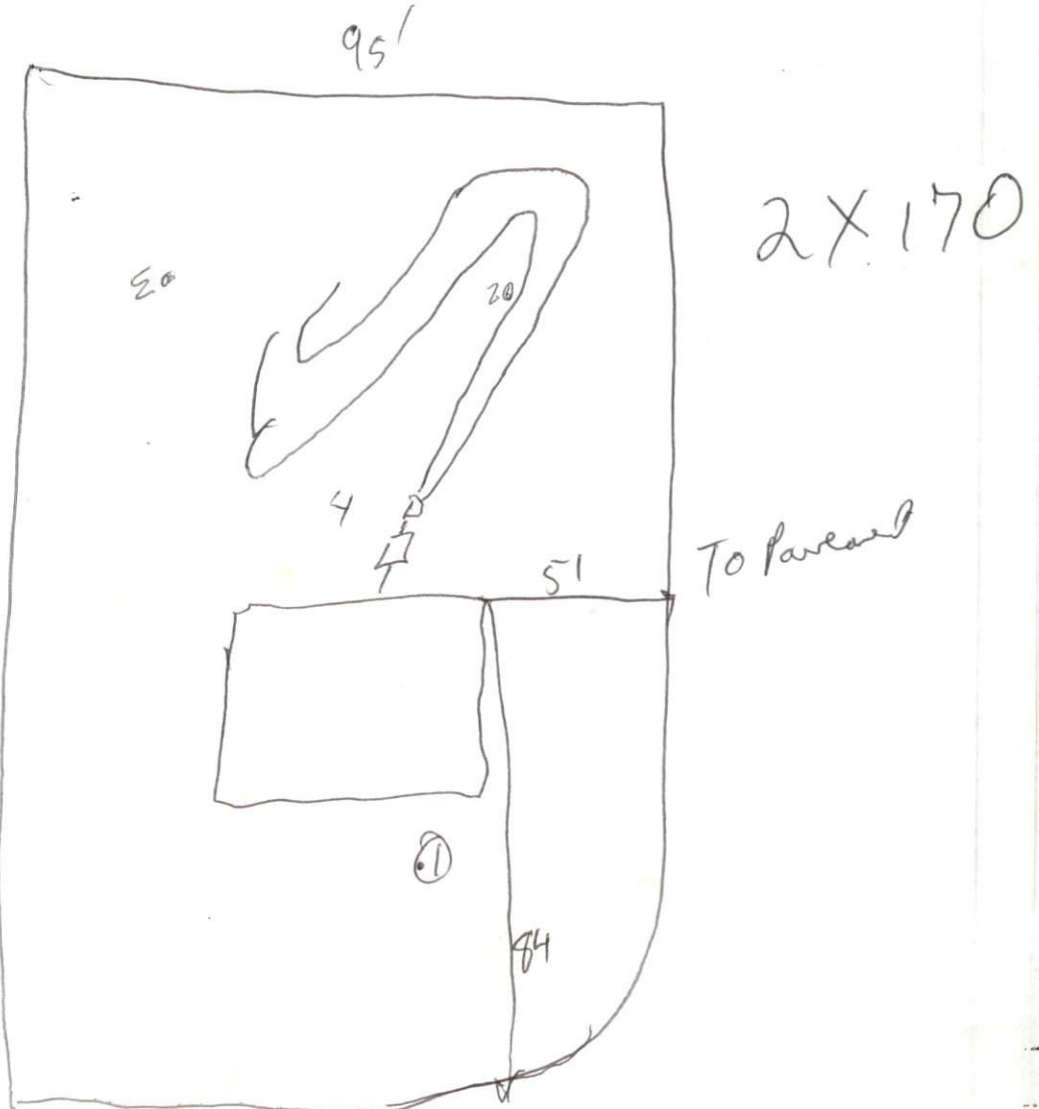
# SANITARY SEWAGE SYSTEM

OWNER: Earl Lamm PHONE: \_\_\_\_\_ DATE REQUESTED: \_\_\_\_\_ DATE EVALUATED: \_\_\_\_\_  
 ADDRESS: Kellen Lot 11 PROPERTY IDENTIFICATION NO.: \_\_\_\_\_  
 COUNTY: \_\_\_\_\_ PROPERTY SIZE: \_\_\_\_\_ PROPOSED FACILITY: \_\_\_\_\_  
 LOCATION OF SITE: \_\_\_\_\_  
 WATER SUPPLY: On-Site Well \_\_\_\_\_ Community \_\_\_\_\_ Public \_\_\_\_\_ EVALUATION BY: Auger Boring \_\_\_\_\_ PR \_\_\_\_\_

LANDSCAPE POSITION	Group	TEXTURE	Appl. Rate	MOIST	CONSISTENCE	WET	STRUCTURE	
R - Ridge	I	s - sand	1.2-0.8	vtr - very friable	fr - friable	Ns - non-sticky	sg - single grain	
S - Shoulder slope		lg - loamy sand		fr - friable			Ss - slightly sticky	m - massive
L - Linear slope	II	sl - silty loam	0.8-0.6	fl - firm	vfl - very firm	S - sticky	cr - crumb	
S - Foot slope		l - loam		gr - granular				
N - Nose slope	III	sl - silt	0.6-0.3	vfl - very firm	vff - extremely firm	Vs - very sticky	sbk - subangular blocky	
H - Head slope		sl - silt loam		Sp - slightly plastic		P - plastic	Vp - very plastic	pl - platy
Cc - Concave slope		scl - silty clay loam						pr - prismatic
Cv - Convex slope		cl - clay loam						
T - Terrace	IV	scl - sandy clay loam	0.4-0.1					
P - Flood Plain		sc - sandy clay						
		c - clay						

Use the above standard abbreviations.  
**UNITS:**  
 Horizon Depth - in inches  
 Depth of Fill - in inches from land surface  
 Distinctive Horizon - thickness and inches from land surface  
 Profile - S (suitable) or U (unsuitable)  
 IS 2501 (Revised \_\_\_\_\_)  
 Division Branch (Review \_\_\_\_\_)

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



FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
ESCAPE POSITION					
DEPTH	0-14	0-23	0-24	0-16	
Group	SL	SL	SL	SL	
Distance	Fr	Fr	Fr	Fr	
Texture	gr	gr	gr	gr	
Geology					
DEPTH II	14-30	23-43	24-42+	16-36+	
Group	C	SC	SC	SC	
Distance	A	Fr-Fi	Fr		
Texture	sbk	sbk	sbk		
Geology					
DEPTH III					
Group					
Distance					
Texture					
Geology					
DEPTH IV					
Group					
Distance					
Texture					
Geology					
PERMEABILITY	30 42	43 42			
PERMEABLE HORIZON					
PERMEABILITY					
PERMEATION					
PERMEATION RATE		.35	.35		

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
ESCAPE POSITION					
DEPTH I					
Group					
Distance					
Texture					
Geology					
DEPTH II					
Group					
Distance					
Texture					
Geology					
DEPTH III					
Group					
Distance					
Texture					
Geology					
DEPTH IV					
Group					
Distance					
Texture					
Geology					
PERMEABILITY					
PERMEABLE HORIZON					
PERMEABILITY					
PERMEATION					
PERMEATION RATE					

CLASSIFICATION: \_\_\_\_\_  
 PERMEABLE BY: \_\_\_\_\_

SITE LONG-TERM ACCEPTANCE RATE: \_\_\_\_\_  
 OTHER(S) PRESENT: \_\_\_\_\_