

# SANITARY SEWAGE SYSTEM

OWNER: HOMB INVESTMENTS PHONE: 449-5412 DATE REQUESTED: 12-6-93 DATE EVALUATED: 1-8-94  
 ADDRESS: RT 2 BOX 272-B - CALVERTON PROPERTY IDENTIFICATION NO.: \_\_\_\_\_  
 COUNTY: HARVETT PROPERTY SIZE: \_\_\_\_\_ PROPOSED FACILITY: 3 BATHROOMS  
 LOCATION OF SITE: LOT 104 MIRE BRANCH ESTATES  
 WATER SUPPLY: On-Site Well \_\_\_\_\_ Community \_\_\_\_\_ Public X EVALUATION BY: Auger Boring lla PR \_\_\_\_\_ CUT \_\_\_\_\_

LANDSCAPE POSITION	Group	TEXTURE	Applic. 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	sll - silt loam	0.6-0.3
Cc - Concave slope		sicl - silty clay loam	
Cv - Convex slope		cl - clay loam	
T - Terrace		scl - sandy clay loam	
FP - Flood Plain	IV	sc - sandy clay	0.4-0.1
		sic - silty clay	
		c - clay	

### LEGEND

#### CONSISTENCE

- MOIST**
- vfr - very friable
  - fr - friable
  - fl - firm
  - vfl - very firm
  - eff - 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

#### MINERAL

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
- Lapelite - 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 2501 (Revised \_\_\_\_\_)  
 Sanitation Branch (Review \_\_\_\_\_)

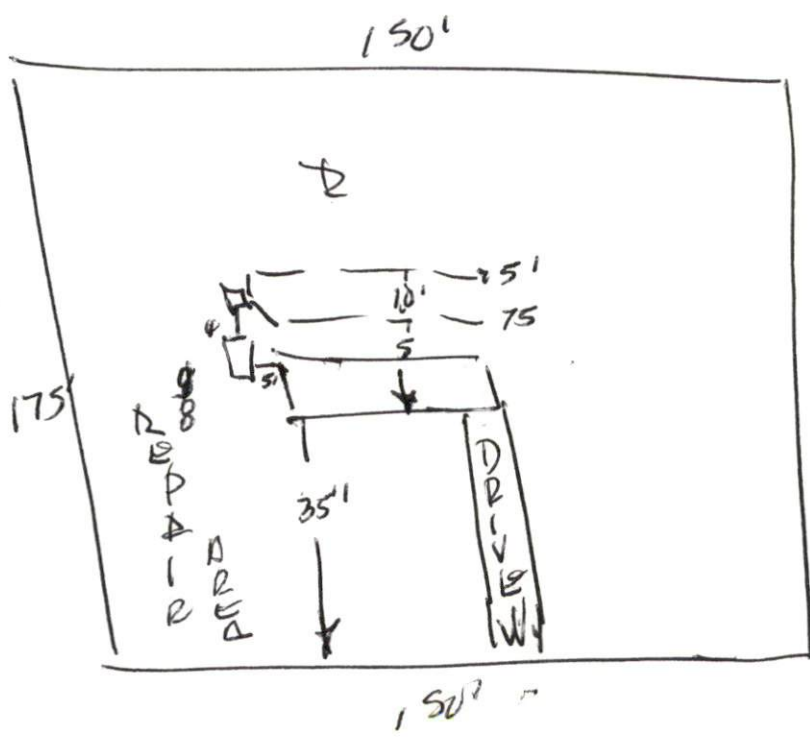
### CALCULATIONS

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

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

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

2 LINES 75' EACH



FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	L	L	L	L	
SLOPE (%)					
RIZON I DEPTH	0-3"	0-3"	0-3"	0-3"	
Texture Group	TUP SOIL	TUP SOIL	TUP SOIL	TUP SOIL	
Consistence					
Structure					
Mineralogy					
RIZON II DEPTH	3"-15"	3"-40"	3"-20"	3"-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	
RIZON III DEPTH	15"-40"		20"-	20"-40"	
Texture Group	SL		C	SL	
Consistence	FV		FV	FV	
Structure	CV		abk	CV	
Mineralogy	1:1		1:1	1:1	
RIZON IV DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
WATER WETNESS			30"-50"		
RESTRICTIVE HORIZON					
PROLITE					
CLASSIFICATION	S	S	PS	S	
LONG-TERM ACCEPTANCE RATE	.8	.9	.3 (HILL GIB)	.8	

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION					
SLOPE (%)					
RIZON I DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
RIZON II DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
RIZON III DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
RIZON IV DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
WATER WETNESS					
RESTRICTIVE HORIZON					
PROLITE					
CLASSIFICATION					
LONG-TERM ACCEPTANCE RATE					

CLASSIFICATION:

EVALUATED BY:

DATE:

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SITE LONG-TERM ACCEPTANCE RATE:

OTHER(S) PRESENT:

.8

*Handwritten note: HIGH FOUNDATIONS*