

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner:

Applicant:

Address:

Date Evaluated:

Proposed Facility:

Design Flow (.1949):

Property Size:

Location of Site:

Property Recorded:

Water Supply:

Public Individual Well

Spring Other

Installation Method:

Auger Boring Pit

Cut

Source of Wastewater:

Sewage Industrial Process

Mixed

1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941		OTHER PROFILE FACTORS				Profile Class & LTAR
		1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	
0%	0-6"	G SL	VFR NS/NP					US
	6"	G SCL	FR SS/SP	10YR 8/1 @ 6"				
0	0-15	G SL	VFR NS/NP					PS .4
	15-36	SBK SCL	FR SS/SP					
	36-46"	SBK SCL	F S/SP	10YR 7/2 @ 42"				
7	0-6"	G SL	VFR NS/NP					PS .3
	6-30"	SBK SCL	F S/SP	10YR 7/2 @ 28"				
4	0-16"	G SL	VFR NS/NP					PS .3
	16-32"	SBK SCL	F S/SP	10YR 7/2 @ 28"				
5	0-20"	G SL	VFR NS/NP					PS .3
	20-34"	SBK SCL	FR S/SP					
	34" +	SBK SCL	F S/SP	CR @ 36"				

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	PUMP TO INNOV.	LPP
Site LTAR	.3	.3

Other Factors (.1946): _____
 Site Classification (.1948): PS
 Evaluated By: OT
 Others Present: _____

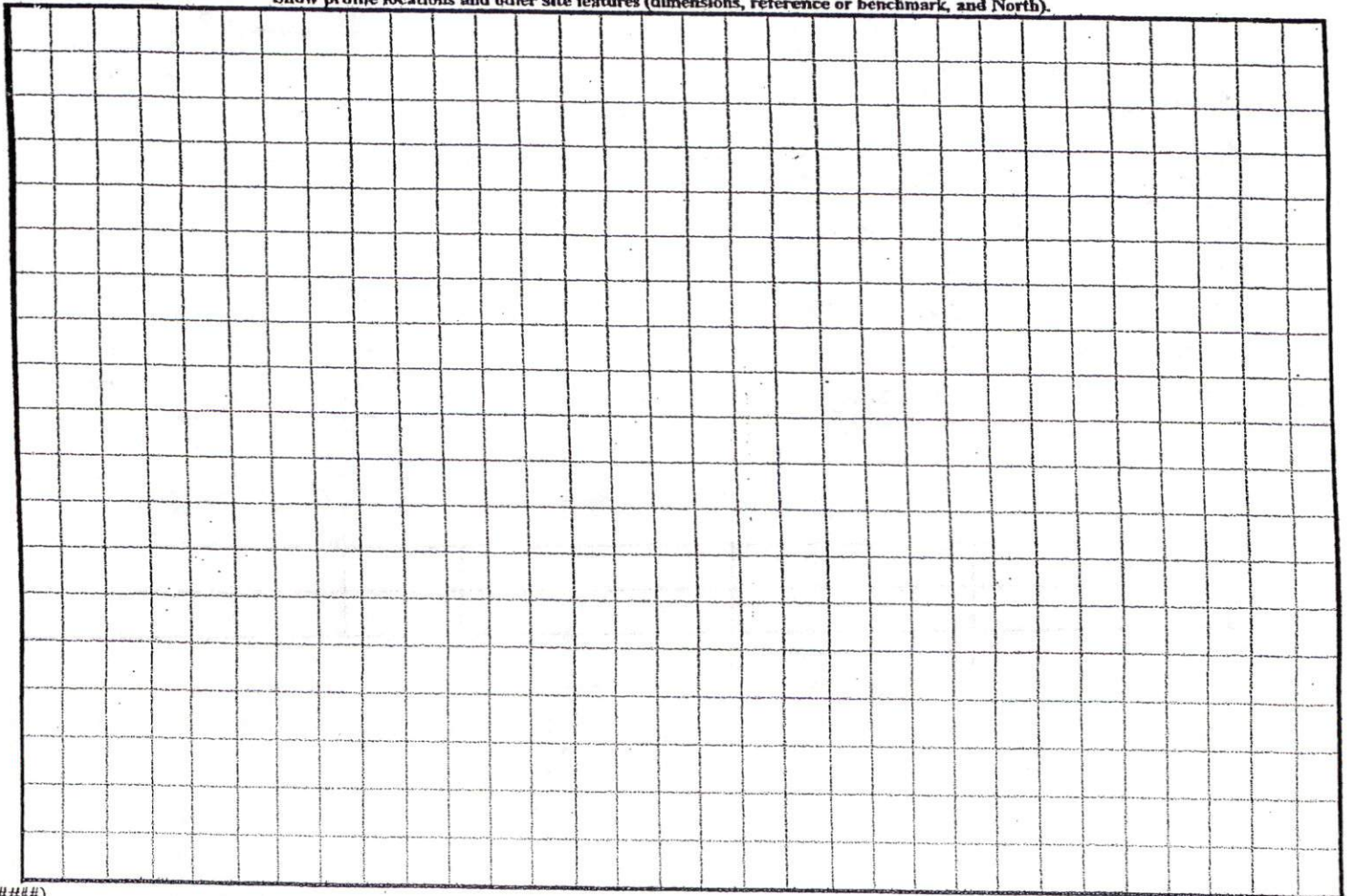
COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM		FI-FIRM	S-STICKY
N-NOSE SLOPE				VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE	III	SI-SILT-	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE		SIL-SILT LOAM			SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		CL-CLAY LOAM			P-PLASTIC
T-TERRACE		SCL-SANDY CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SIC-SILTY CLAY			
	IV	C-CLAY	0.4 - 0.1		
		SC-SANDY CLAY			

STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).





Proposed
28x80
Dwmt

EDUCTION
er(s) or agent of the
(we) hereby adopt this plan
sh the minimum building
ks, parks, and other
noted, and all of the land
jurisdiction of Harnett

SITE PLAN APPROVAL
DISTRICT RA30 USE DwmH
#BEDROOMS 4
10/22/04 PRR
Date Zoning Administrator

FEED REFERENCE
BOOK 1306 PAGE 379
OWNER W. R. LAMBERT
509 N. LINCOLN STREET
BENSON, N. C. 27504
TELEPHONE 919-894-3075

Registration and recorded
99-138
ch 1999

1=100

$$6 \times 70'$$

$$6 \frac{1}{2} \text{ SCH 40 VALVES} = 6 \times 7.77 = 42.66 + 2 = 44.66 \approx 45 \text{ gpm}$$

$$\text{TDM} = \text{FH} + \text{EH} + \text{PH}$$

$$\text{PH} = 2$$

$$\text{FH} = 2 \times 3.77 = 7.54 \times 1.2 = 9'$$

$$\text{EH} = 6' 2'' \rightarrow 3' 3'' = 3' + 6' = 9'$$

$$\text{TDM} = 20'$$

$$45 \text{ gpm} @ 20' \text{ TDM}$$

$$420' \times .65 \times .66 = 180$$