

SOIL/SITE EVALUATION

FOR

ON-SITE WASTEWATER SYSTEM

APPLICANT: JOHN A. RHEW OWNER: _____ AGENT: _____ PHONE: 919-779-7677
 ADDRESS: 3916 W. ALLEN ST. APPLICATION DATE: 3/19/95 DATE EVALUATED: 4/2/95
RAL. NC 27603 PROPOSED FACILITY: 3 BEDROOM
 PROPERTY SIZE: 1.476 AC
 LOCATION OF SITE: HOLLY RIDGE DR. NEILLS CREEK FARM LOT 145
 WATER SUPPLY: On-Site Well _____ Comm. Well _____ Public ☒ Other _____ EVAL. METHOD: Auger Boring ☒ Pit _____

PROFILE #	.1940 LANDSCP POS./ SLOPE %	HORIZON DEPTH (IN.)	.1941			
			(a)(1) TEXTURE	(a)(2) STRUCTURE	(a)(3) MINEROLOGY	
1	PS	0-12"	GROUP II SL	GRANULAR	1:1	.1942 WEATHER CONDITION PS -
		12"-36"	GROUP II CLAY	SAB	1:1	.1943.1936 SAPROLITE PS -
						.1944 RESTRICTIVE HORIZON PS -
						.1945 PROFILE CLASSIFICATION PS -
						PROFILE LTAR 0.4-0.1 -
2						.1942 WEATHER CONDITION -
						.1943.1936 SAPROLITE -
						.1944 RESTRICTIVE HORIZON -
						.1945 PROFILE CLASSIFICATION -
						PROFILE LTAR -
3						.1942 WEATHER CONDITION -
						.1943.1936 SAPROLITE -
						.1944 RESTRICTIVE HORIZON -
						.1945 PROFILE CLASSIFICATION -
						PROFILE LTAR -
4						.1942 WEATHER CONDITION -
						.1943.1936 SAPROLITE -
						.1944 RESTRICTIVE HORIZON -
						.1945 PROFILE CLASSIFICATION -
						PROFILE LTAR -
5						.1942 WEATHER CONDITION -
						.1943.1936 SAPROLITE -
						.1944 RESTRICTIVE HORIZON -
						.1945 PROFILE CLASSIFICATION -
						PROFILE LTAR -

AVAILABLE SPACE (.1945) PS SITE CLASSIFICATION (.1945): PS SITE LONG-TERM ACCEPTANCE RATE: .3
 FACTORS (.1946) _____ SYSTEM TYPE SHALLOW CONVENTIONAL
 DATED BY: RON DUDLEY OTHER(S) PRESENT: _____
 NOTES: _____

LANDSCAPE POSITION

. RIDGE
 . SHOULDER SLOPE
 . LINEAR SLOPE
 . FOOT SLOPE
 . NOSE SLOPE
 . HEAD SLOPE
 . CONCAVE SLOPE
 . CONVEX SLOPE
 TERRACE
 FLOOD FLAIN

GROUPTEXTURE.1955 LTARMOISTWE

I	S - SAND	1.2 - 0.8
	LS - LOAMY SAND	
II	SL - SANDY LOAM	0.8 - 0.6
	L - LOAM	
III	SI - SILT	0.6 - 0.3
	SICL - SILTY CLAY LOAM	
	CL - CLAY LOAM	
	SCL - SANDY CLAY LOAM	
IV	SC - SANDY CLAY	0.4 - 0.1
	SIC - SILTY CLAY	
	O - ORGANIC	

VFR - VERY FRIABLE
 FR - FRIABLE
 FI - FIRM
 VFI - VERY FIRM
 EFI - EXTREMELY FIRM

NS - NON-ST
 SS - SLIGHTLY
 S - STICKY
 VS - VERY ST
 NP - NON-PL
 SP - SLIGHTLY
 P - PLASTIC
 VP - VERY PL

STRUCTUREMINEROLOGY

USE THE ABOVE STANDAR ABBREVIATIONS.

. SINGLE GRAIN
 . MASSIVE
 . CRUMB
 . GRANULAR
 . SUBANGULAR BLOCKY
 . ANGULAR BLOCKY
 . PLATY
 . PRISMATIC

1:1

2:1

MIXED

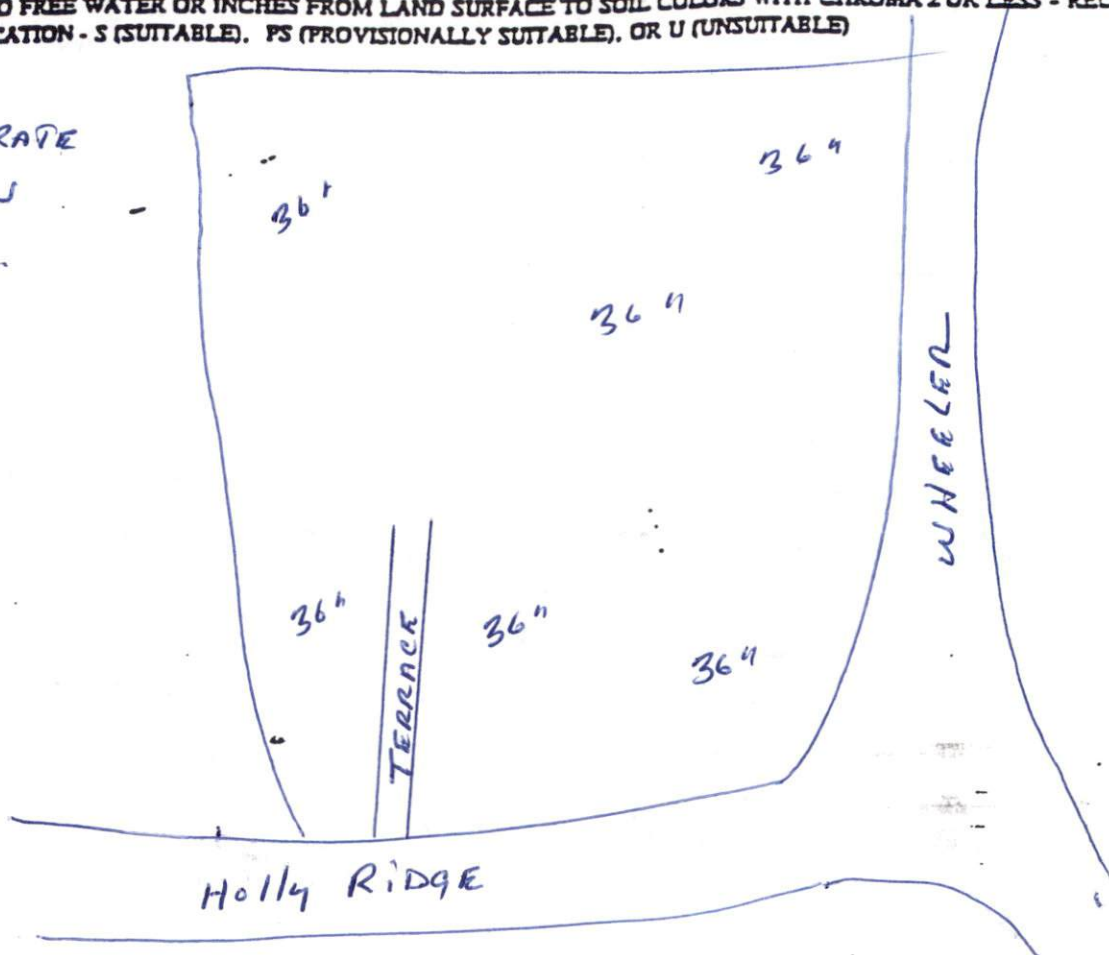
NOTES:

HORIZON DEPTH IN INCHES BELOW NATU
 SOIL SURFACE
 DEPTH OF FILL IN INCHES FROM LAND S
 RESTRICTIVE HORIZON— THICKNESS AND DE
 FROM LAND SURFACE
 S (SUITABLE) OR
 U (UNSUITABLE)

. NETNESS - INCHES FROM LAND SURFACE TO FREE WATER OR INCHES FROM LAND SURFACE TO SOIL COLORS WITH CHROMA 2 OR LESS - REC
 . ALL COLOR CHIP DESIGNATION. CLASSIFICATION - S (SUITABLE), PS (PROVISIONALLY SUITABLE), OR U (UNSUITABLE)

TERM ACCEPTANCE RATE: GAL/DAY/FT

360 GAL. FLOW RATE
 .3 Application
 1200 sq. yd.



Holly Ridge

11/2/98

LOT SUITABLE FOR SHALLOW PLACE CONVENTIONAL.

LOT HAS SOME TOPO PROBLEM AS
FAR AS SEPTIC LAYOUT SLOPE &
EXISTING TERRACE

* MUST KNOW LOCATION OF GARAGE &
DRIVE BEFORE LAYOUT CAN BE DONE.

THIS WAS NOT SHOWN ON SIDE PLAN.
DRIVE + GARAGE NEEDS TO BE ON LT END OF
HOUSE FACING HOLLY RIDGEDR.

For Duffy

John Chew

917-779-7677

LOT 145

NEILL'S CREEK FARM

