

**SOIL SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner:
 Address:
 Proposed Facility: *SFD* Design Flow (.1949): *3led*
 Location of Site:
 Water Supply: Public Individual Well
 Evaluation Method: Auger Boring Pit
 Type of Wastewater: Sewage Industrial Process

Applicant: *1905-2*
 Date Evaluated: *12-28-07*
12-27-07
 Property Size: *1-3-08*
 Property Recorded:
 Spring Other

P R O F I L E #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Witness/ Color	.1943 Soil Depth (IN.)	.1956 Sapre Class	.1944 Restr Horiz	
1	L 5%	0-16	SL	GR GR NSWP					.3
		16-34	SC-CIAY	FR 15% S.P.	34" mottled red soil				
		34"+	SAP	FR GR II					
2	L 7%	0-14	SL	FR GR NSWP					.4
		14-44	SC-CIAY	FR 15% S.P.	42" 2.5% 42				
3	L 7%	0-6	SL	FR GR NSWP					.3
		6-30	SC-CIAY	FR 15% S.P.	28" 2.5% 42				
		30"+	SAP	FR GR II					
4	L 7%	0-6	SL	FR GR NSWP					.3
		6-30	SL	FR 15% S.P.	28" 2.5% 42				
		30"+	SAP	FR GR II	28"				
5	L 7%	0-10	SL	FR GR NSWP					.3
		10-30	SC-CIAY	FR 15% S.P.	28" 2.5% 42				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)	<i>15%</i>	<i>25%</i>
Site LTAR	<i>.3</i>	<i>.3</i>

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

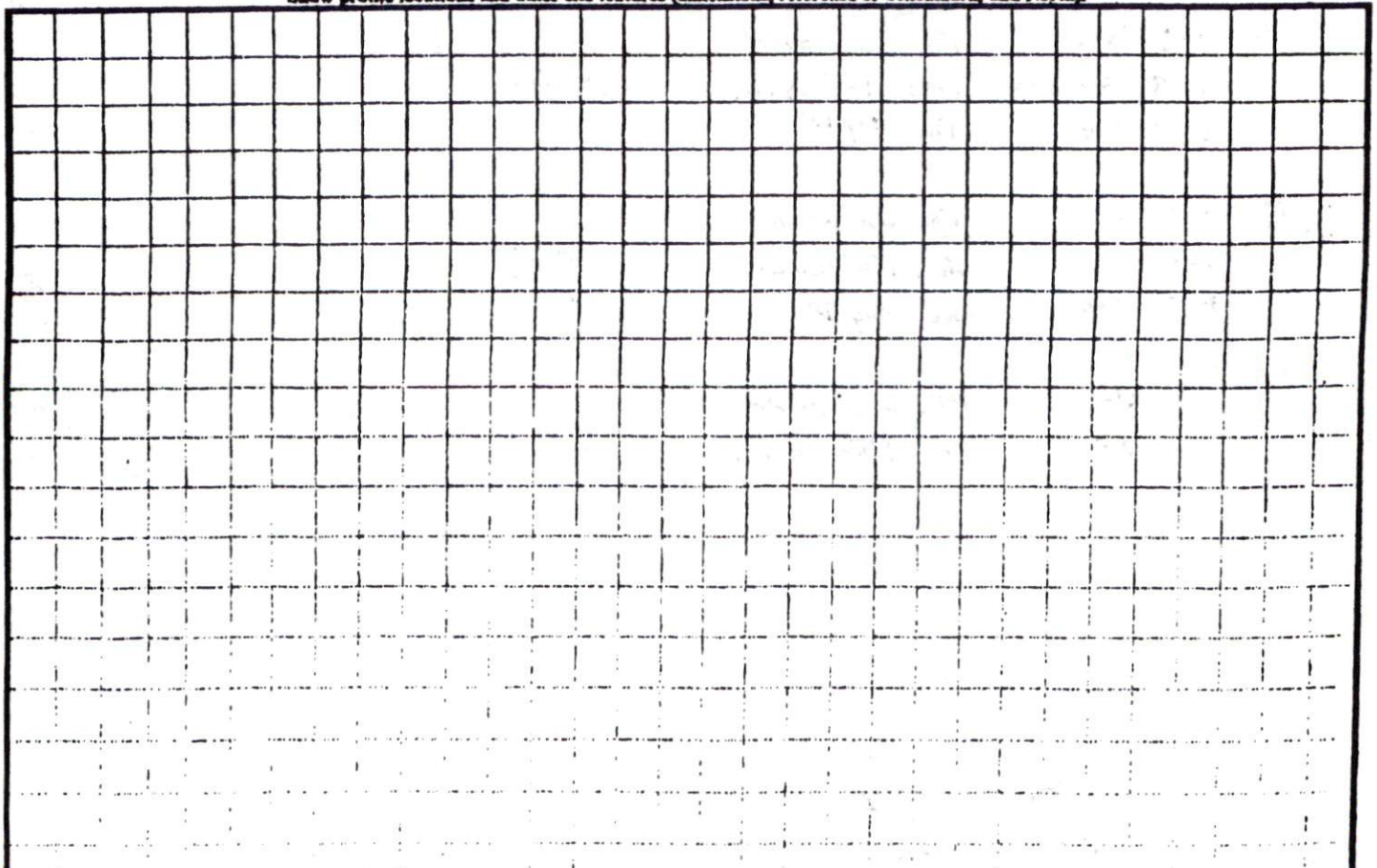
COMMENTS: _____

<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		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM		SP-SLIGHTLY STICKY	
CC-CONCLAVE SLOPE		CL-CLAY LOAM		P-PLASTIC	
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM		VP-VERY PLASTIC	
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		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).



STEPHENSON BUILDERS INC.

38 DERBY LANE
LILLINGTON, N.C. 27546

SCALE: 1" = 30'

DRAWN BY:
PHIL STEPHENSON

Pt's

SITE PLAN APPROVAL

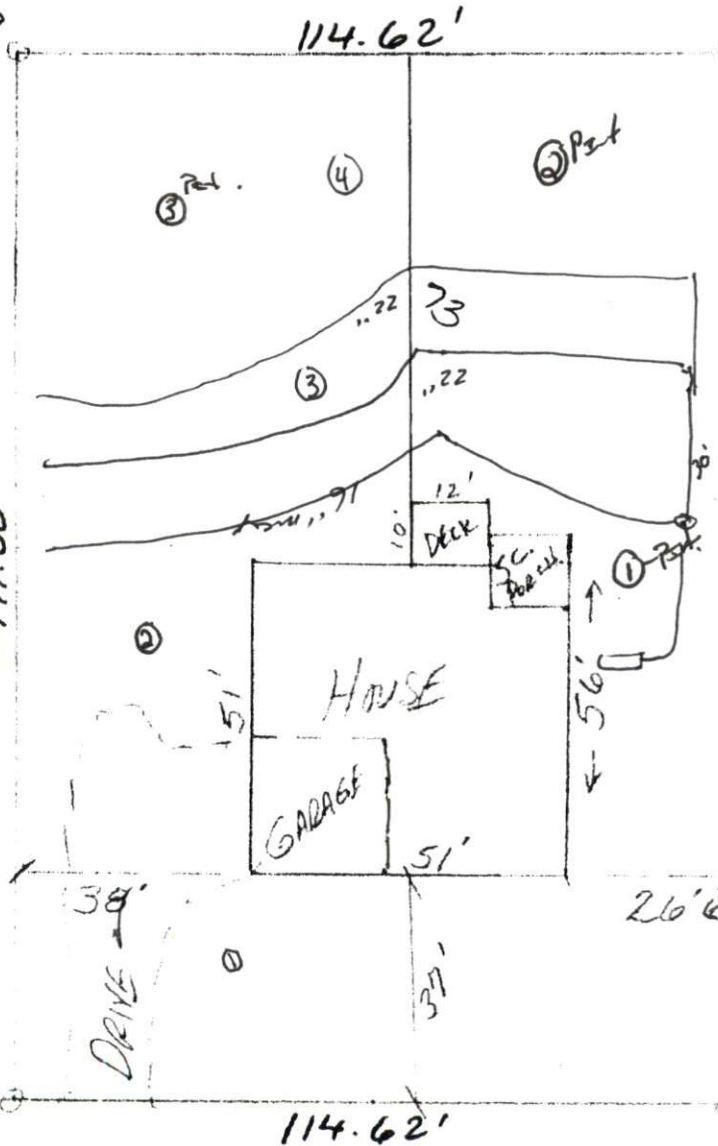
DISTRICT RA30 USE SFD

#BEDROOMS 3

Date 12/13/07
Zoning Administrator [Signature]

LOT 25
0.450 ACRES

3x100'
25% RGD
16" 1st DEPTH
22" 2nd + 3rd DEPTH
Lot 26



- 1 0-8 SL OUT AT 28'30"
8-50-CLAY 30'+ vertical sep.
 - 2 0-18 SL OUT AT 24'
18-25 SCL 75-48 SL-CLAY NO SUP 7.54K 4.2
 - 3 0-8 SL WATCH AT 35'
18-22 SCL 22-40 SL-CLAY
- LOT COMES OUT OF SIDE OF WALL 24'

4 DERBY LANE 60' 910'