

Property ID:
 Lot #:
 File #:
 Code:

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

Owner:

Applicant: 19051

Address:

Date Evaluated: 12-21-07 *mgm*

Proposed Facility: *SFD*

Design Flow (.1949): 360

Property Size: 1281-07 Pts

Location of Site:

Property Recorded:

Water Supply: Public Individual Well

Spring Other

Evaluation Method: Auger Boring Pit

Cut

Type of Wastewater: Sewage Industrial Process

Mixed

Profile #	.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.)	.1936 Sapra Class	.1944 Restr Horiz	
1	L 3 1/2%	0-11	SL	FR GR NSNP					.5
		11-30	SC	FRM 158K S.P.					
		30" Sap	SAP vented		28" - 30" vented S.P.		28" 29"		
2	L 3 1/4%	0-16	SL	FR GR NSNP					3
		16-42	SC clay	FRM 158K S.P.					
		40" Sap	Sap/SC Some vented				40"		
3	L 8%	0-15	SL	FR GR NSNP					4
		15-40	SEL	FRM 158K S.P.	36" 2.54K 4.2				
4	L 6%	0-15	SL	FR GR NSNP					3
		15-40	SC	FRM 158K S.P.	36" 2.54K 4.2				
5	L 7%	0-16	SL	FR GR NSNP					.3
		16-40	SC clay	FRM 158K S.P.	38" 2.54K 4.2				
		40" Sap	SAP				38" 40"		

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)	76" W	105" W
Site LTAR	13	13

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

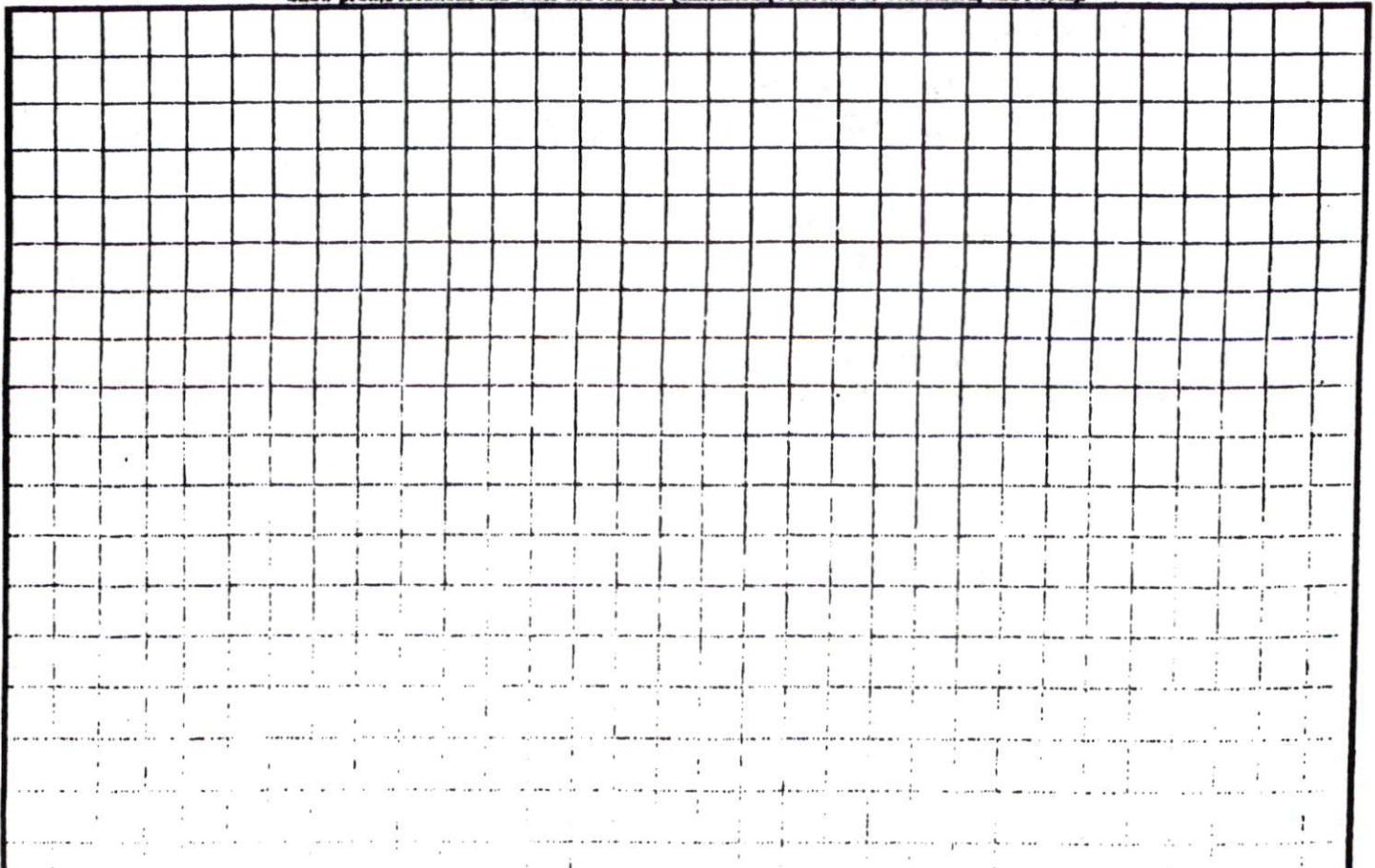
COMMENTS: _____

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



SITE PLAN APPROVAL

DISTRICT RA30 USE SEP

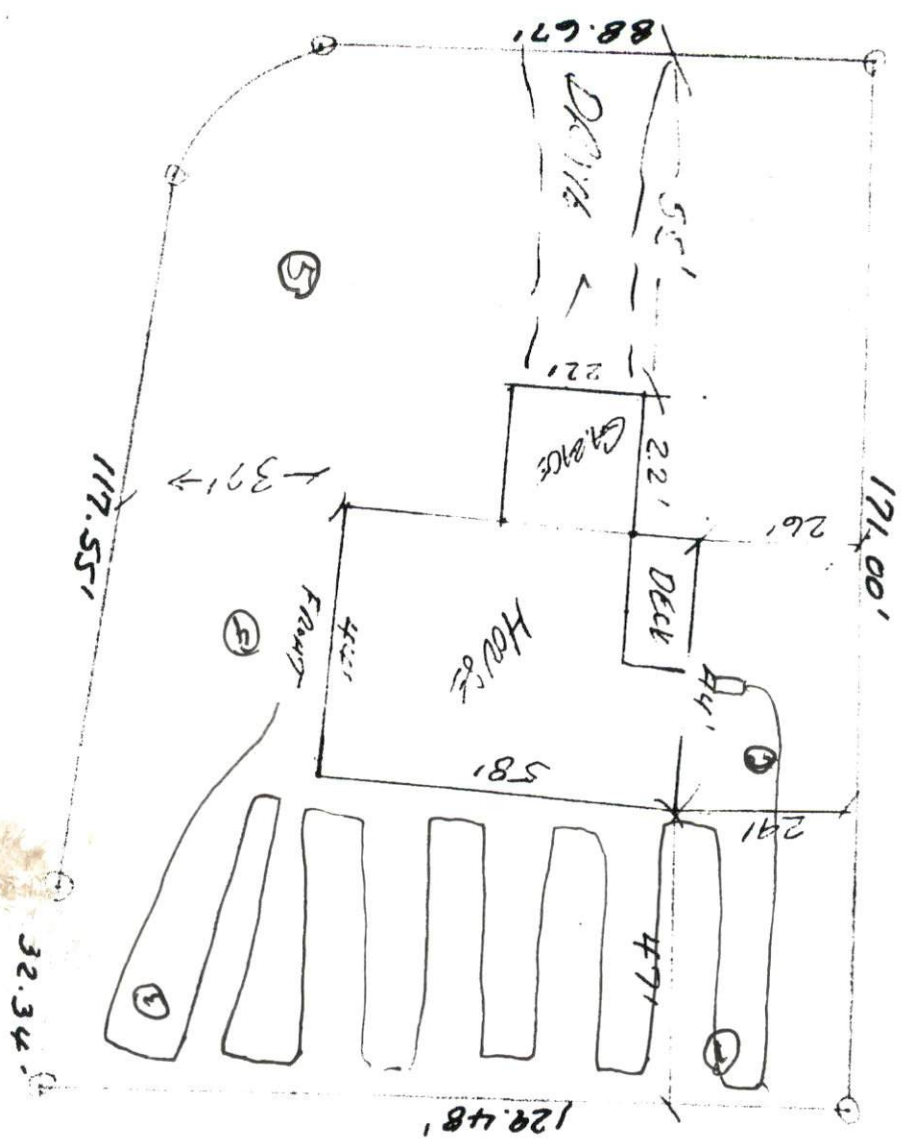
#BEDROOMS 3

Date 2/13/07 Zoning Administrator [Signature]

25/07

300' of 25-02

3 DERBY LANE 60' PLW



SAADLE LANE
60' PLW

LOT 24
0.473 ac.

SCALE: 1" = 30'
DRAWN BY: PHIL STEARNS

LILINGTON, N.C. 27546

STEPHENSON BUILDERS INC.
18 DERBY LANE OR 385 SAADLE LANE