

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

REVISION

Owner:

Applicant:

Address:

Date Evaluated: 8/7/08

Proposed Facility: 3 BEDROOM HOME Design Flow (.1949): 360 GPD

Property Size:

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

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 Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Saprot Class	.1944 Restr Horiz	
3	L5 2-5%	0-28"	C SL	VFR NS/MP					P3 .45
		28-46"	SBK SCL*	FR SS/SP					
		46"	SBK SCL	FR SS/SP	107R 8/2 @ 46"				
		0-30"	C SL	VFR NS/MP					P5 .45
		30-48"	SBK SCL*	FR SS/SP					
		0-24"	C SL	VFR NS/MP					
	24-43"	SBK SCL	FR SS/SP					P5 .45	
	43"	SBK SCL	FR SS/SP	107R 7/2 @ 43"					

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

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

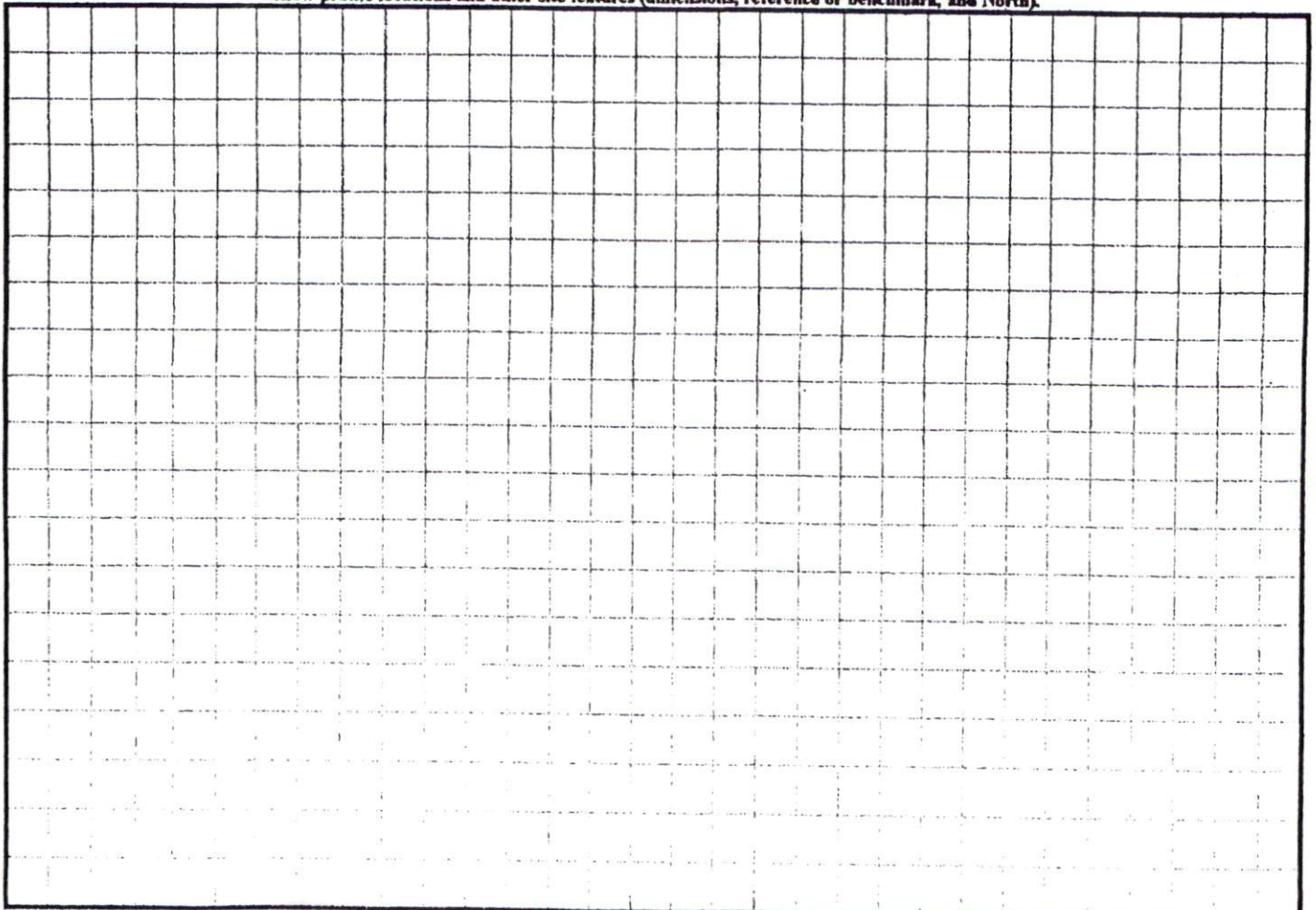
COMMENTS: _____

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

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).



SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: _____ Applicant: _____
 Address: _____
 Proposed Facility: SFD Design Flow (.1949): 480 ³⁶⁰
 Location of Site: _____ Date Evaluated: 11-21-06
 Water Supply: Public Individual Well Property Size: 1/2/07
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed
 Property Recorded: _____

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 Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L 3%	0-22	SL						
		22-4+	SCL			water in hole at 24"			
2	L 3%	0-18	SL						
		18-30	SCL			mottled at 24"			
3	L 20%	0-16	LS						
		16-26	SCL	FCU		26" 2.0% 4.2%			
		26-4+							
4	L 20%	0-16	LS						
		16-26				22" 2.0% 4.2%			
1	L 2-5%	0-20"	G LS	VFR NS/NP					PS .3
		20-34"	SBK SCL	FR SS/SF					
		34-4+	~50% PM						
		0-30"	G LS	VFR NS/NP					PS .4
		30-4+	SBK SCL	FR SS/SF					
		0-22'	G LS	VFR NS/NP					PS .3
22-34"	SBK SCL	FR SS/SF							

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	25% ^{VUMP} R60	25% ^{VUMP} R60
Site LTAR	.4	.4

Other Factors (.1946): _____
 Site Classification (.1948): _____
 Evaluated By: J. K. [Signature]
 Others Present: _____
 1 x 22.5' @ 18-22" = REPAIR

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
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		
		C-CLAY			
		SC-SANDY CLAY			

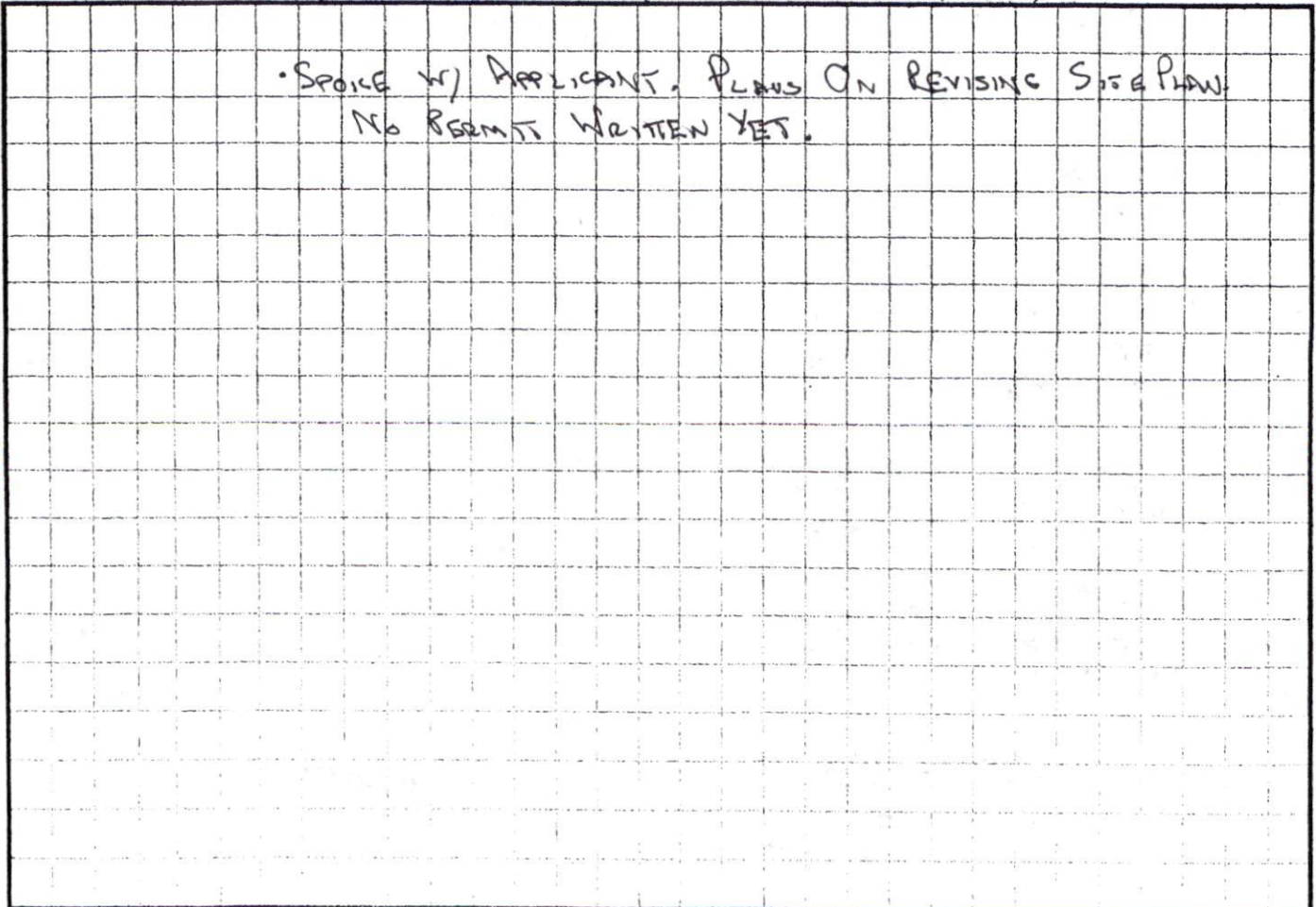
STRUCTURE

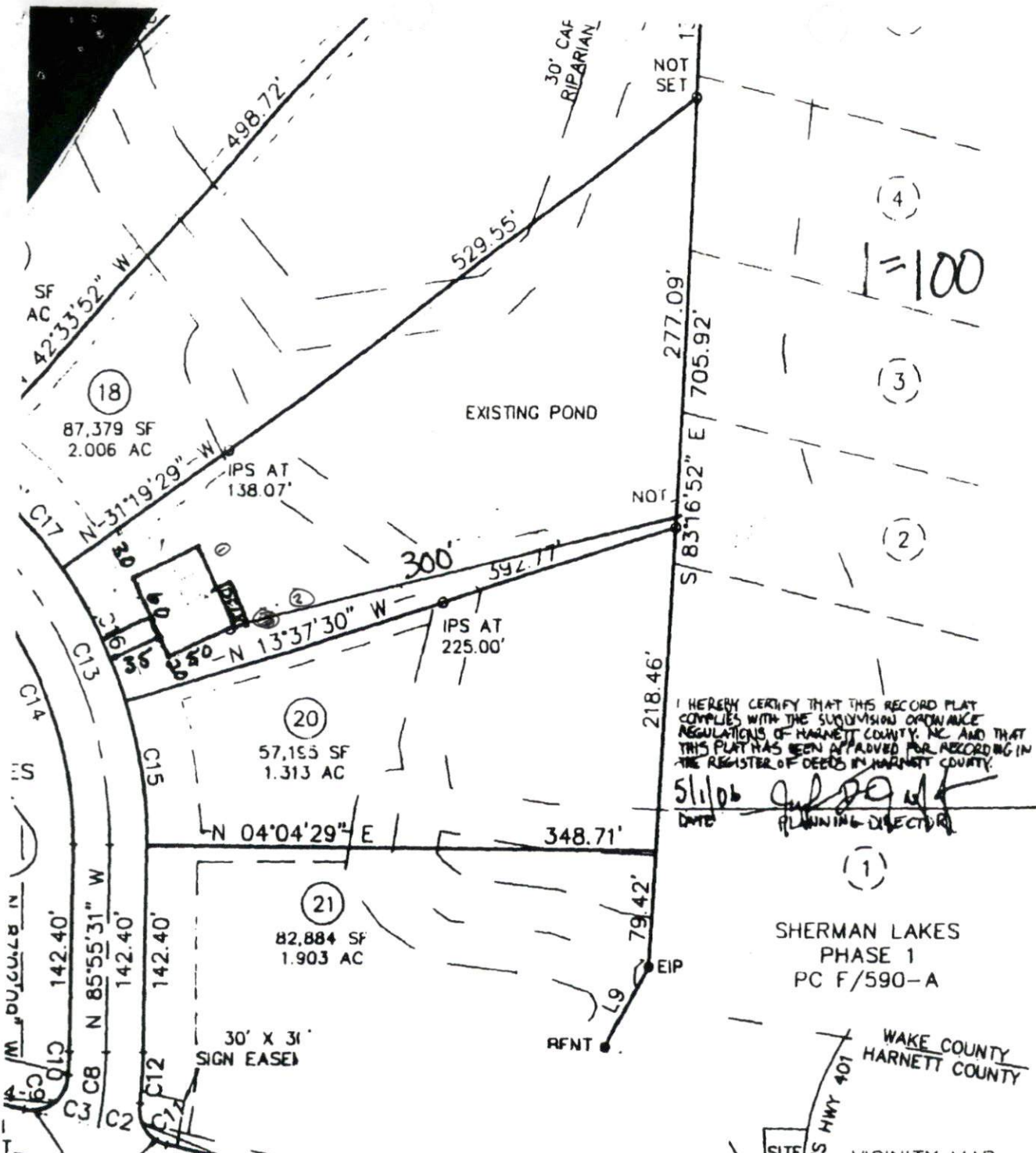
- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
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- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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





(4)
1"=100'

I HEREBY CERTIFY THAT THIS RECORD PLAT COMPLIES WITH THE SUBDIVISION ORDINANCE REGULATIONS OF HARNETT COUNTY, NC AND THAT THIS PLAT HAS BEEN APPROVED FOR RECORDING IN THE REGISTER OF DEEDS BY HARNETT COUNTY.
5/1/06
DATE
PLANNING DIRECTOR

(1)
SHERMAN LAKES
PHASE 1
PC F/590-A

WAKE COUNTY
HARNETT COUNTY

VICINITY MAP
(NTS)

SITE PLAN APPROVAL
DISTRICT RA30 USE SFD
#BEDROOMS 3

[Signature] 11/21/06
ZONING ADMINISTRATOR
[Signature] 11/21/06

- LEGEND
 ● EIP = EXISTING IRON PIPE
 ● EIS = EXISTING IRON STAKE
 ○ IPS = IRON PIPE SET
 CGF = COMBINED GRID FACTOR

NOTES
 AREAS ARE BY COORDINATE
 ALL DISTANCES ARE HORIZON
 EXPRESSED IN U.S. SURVEY
 NOTED OTHERWISE.
 1 METER = 3.280833333 U.S. SURVEY FEET.

REFERENCES
 DEED BOOK 1401, PAGE 325

