

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

Owner: Gary Hughes Const.

Address: 3053 Old Buies Creek Rd Angier 27501

Applicant: Same

Date Evaluated: 7-13-06

Proposed Facility: sfd

Design Flow (.1949): 360gpd

Property Size: 112,953 sq ft

Location of Site: 1443 Lafayette Rd

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.)	1944 Sapric Class	1944 Restr. Horiz.	
1	SS 2%	0-12	LS gr	ns np vfr					.3 PS
		12-48	C sbk	ss sp fi					
		48+	Pm			36"			
2	SS 2%-4	0-10	LS gr	ns np vfr					.3 PS
		10-36	C sbk	fi ss sp			24"		
		36+	Pm						
3	SS 2%-4	0-6	LS gr	vfr ns np					.3 PS
		6-41	C sbk	ss sp fi			24"		
		41+	Pm						
5	SS 0-2%	0-6	LS gr	ns np vfr					.3 PS
		6-30	C sbk	ss sp fi			18"		
		30+	Pm						
4	SS 3%	0-8	LS gr	ns np vfr					.3 PS
		8-36	C sbk	ss sp fi					
		36+	Pm			24"			

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	conv.	25%
Site LTAR	.3	.3

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



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	S-STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1	VFI-VERY FIRM	VS-VERY STICKY
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			
		SICL-SILTY CLAY LOAM		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
					SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

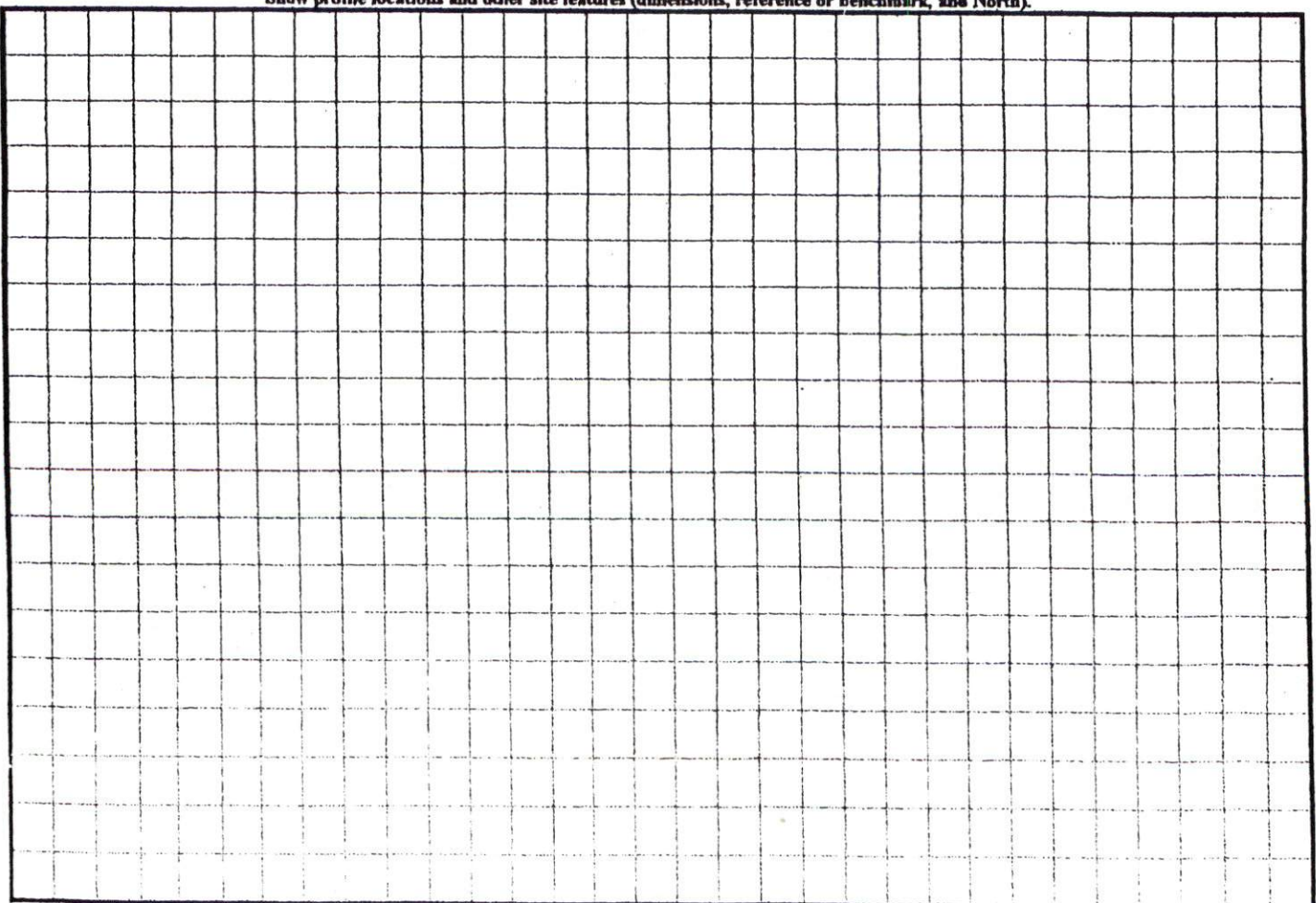
STRUCTURE

- 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).



(#####)

(WRITE ON  
LOT(S) ON  
FINAL  
APPROPRIATE  
SPECIFIC USE  
AT THE  
OFFICE AT THE  
OFFICE REPRESENT

11TH

TIME 3:53 PM

EDS  
GROVE  
11A  
REGISTER OF DEEDS

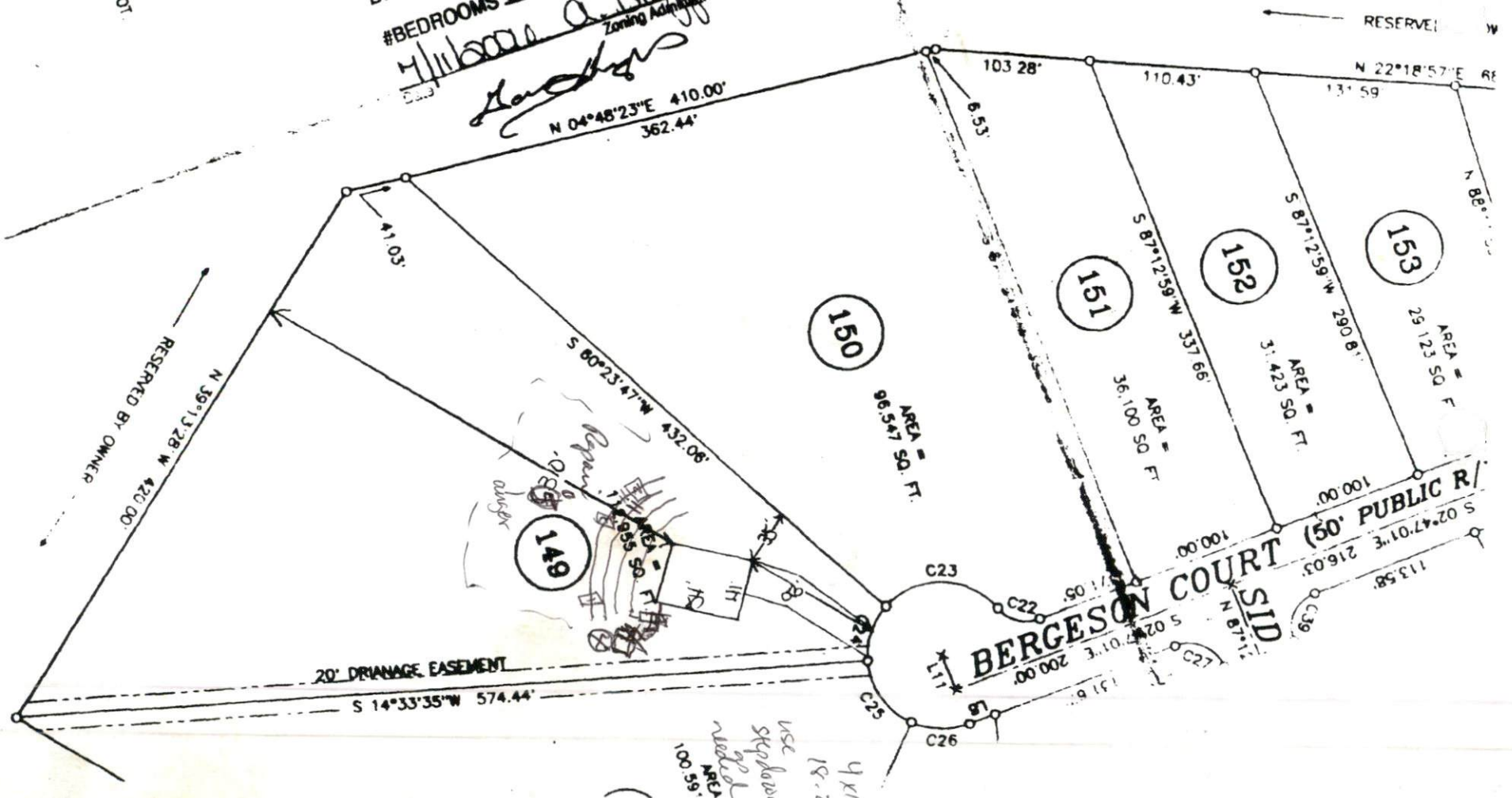
TRANSPORTATION  
DIVISION ROAD  
CERTIFICATION

STORAGE AREA  
1-26-05  
DISTRICT ENGINEER

ROAD IN A DEPARTMENT  
ATTENTION APPROVED  
ARE TO BE CONSTRUCTED  
RIGHT OF WAY.

EMERGENS CENTERED ON EXISTING STRUCTURES UNLESS  
NOTED  
UTILITY EASEMENT ALONG THE FRONT OF EACH LOT  
IS A 10' RESTRICTED APPROX. 300'  
SUBJECT CERTIFICATES TO BE INSTALLED EVERY  
OTHER LIGHTS TO BE INSTALLED EVERY  
BACKS

F=100  
SITE PLAN APPROVAL  
DISTRICT B330 USE SED  
#BEDROOMS 3  
MILBORN A. MORGAN  
Zoning Administrator



BERGESON COURT (50' PUBLIC R/  
SID  
N 87°12'59\"/>

4 x 100'  
18-24'  
USE explains  
need  
area

