

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

Owner: Charles Gourlay
 Address: PO Box 21 Lillingston
 Proposed Facility: house Design Flow (.1949): 360 gal/day
 Location of Site: Fred McLeod Ln.
 Water Supply: Public Individual Well
 Evaluation Method: Auger Boring Pit
 Type of Wastewater: Sewage Industrial Process

Applicant: same
 Date Evaluated: 10/21/04
 Property Size: 0.69
 Property Recorded:
 Spring Other
 Cut
 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.)	.1956 Sapro Class	.1944 Restr Horiz	
1	SS	0-36	LS gr	vfr, ns, np					.5 PS
		36-54	SCL sbk	fr, ss, sp	7.54R 7/1	4.3			
2	SS	0-11	LS gr	vfr ns np					US/PS
		11-24	SL sbk	fr SS sp					
		24-29	PM ² PM			26		26	
3	SS	0-40	SL gr	vfr ns np					PS .3
		40-	SCL sbk	fr ss sp					
4	SS	0-18	SL gr	vfr ns np					PS .3
		18-31	SCL sbk	fr ss sp					
		31+	PM					31	

Description	Initial System	Repair System
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
System Type(s)	con	pump to shallow conv.
Site LTAR	.5	.3

Other Factors (.1946):
 Site Classification (.1948): (18-30" depth of trenches) PS
 Evaluated By: JT/BM
 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 FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3		
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		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

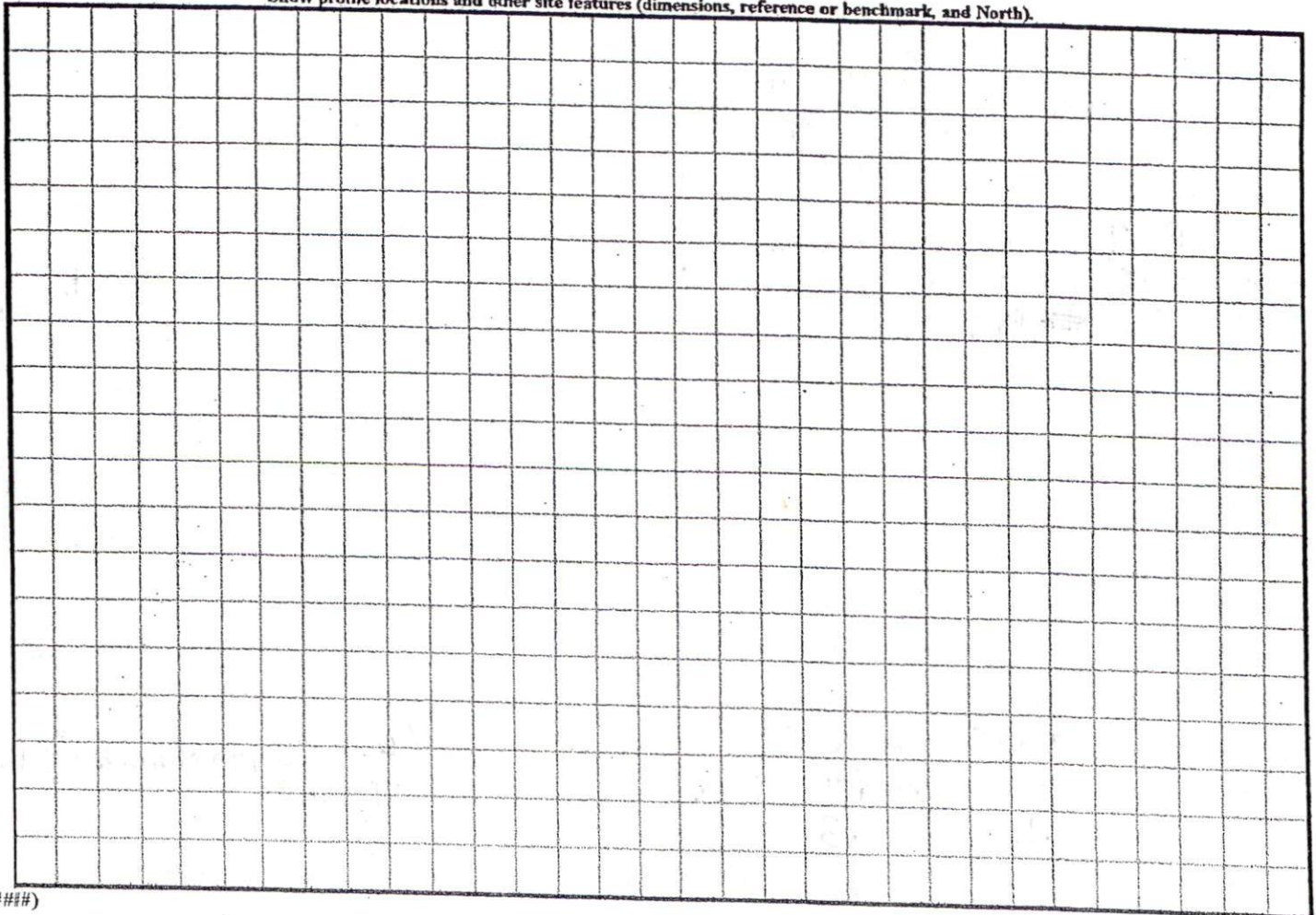
STRUCTURE

- 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).



Date 10-8-03 Review Officer Melark Wood

I hereby certify that I am the owner of the property shown and described hereon, which is located in the subdivision jurisdiction of Harnett County, North Carolina, and that I hereby adopt this plan of subdivision with my free consent, establish minimum building setback lines, and dedicate all streets, alleys, walks, parks, and other sites and easements to public or private use as noted. Furthermore, I hereby dedicate all sanitary sewer and waterlines to the County of Harnett.

8-28-03 Craig J. Mathews (DATE) (OWNER)
8-28-03 Denise C. Mathews (DATE) (OWNER)

This is to certify that I have Consulted the Federal Insurance Administration Flood Hazard Boundary Maps and found that the above property described IS NOT located in a special flood hazard area.

Andrew H. Joyner
 ANDREW H. JOYNER
 PROFESSIONAL LAND SURVEYOR NO. 2469

HARRY MATTHEWS
 Deed Book 739, Page 887

CHARLES
 Deed Book 10:

1-100
 SITE PLAN APPROVAL
 DISTRICT HA30 USE SFD
 #BEDROOMS 3
 ZONING ADMINISTRATOR

APPROVED

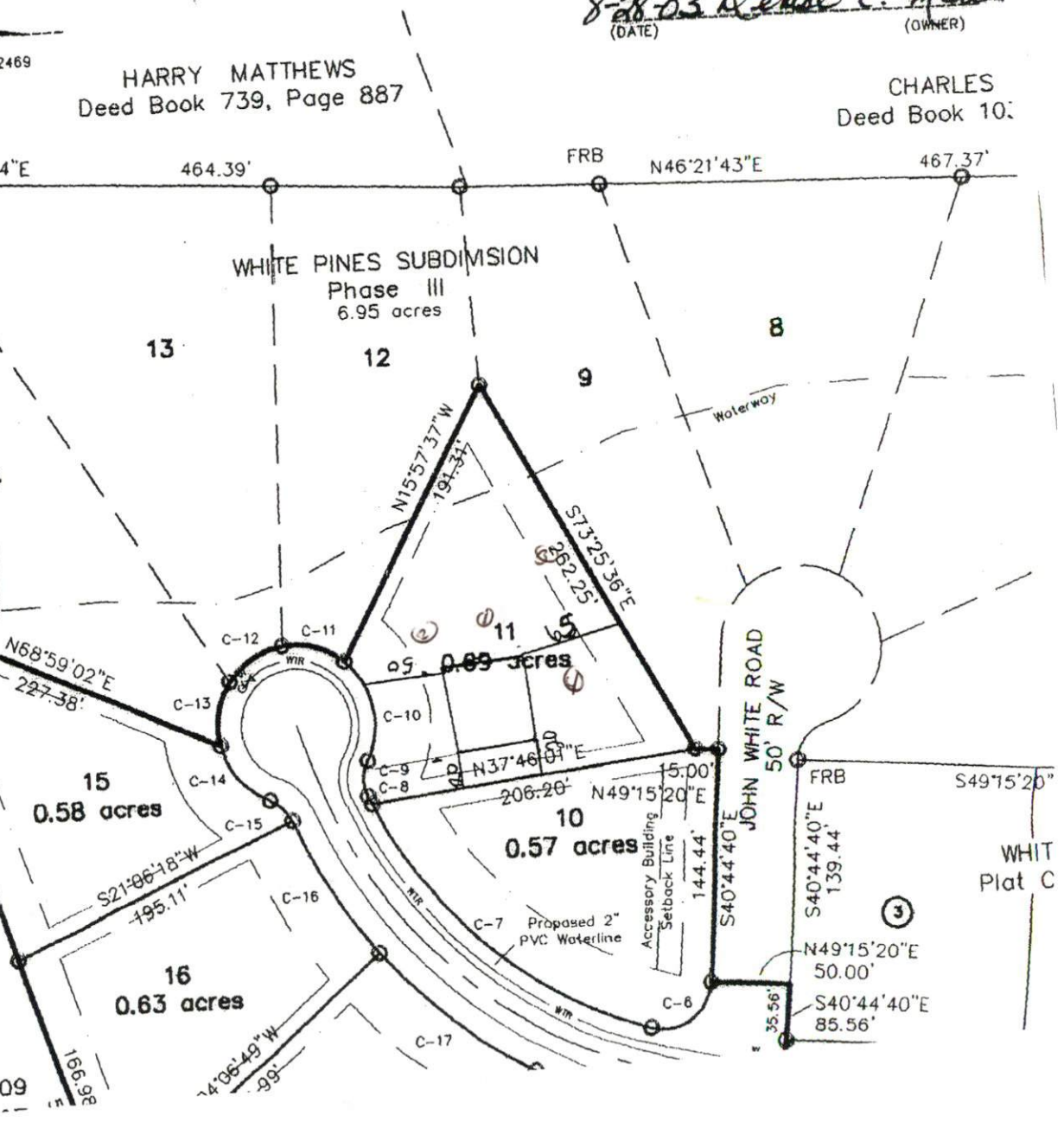


HARNETT CO. PUBLIC UTILITIES
 PO BOX 1119
 LILLINGTON, NC 27648

HARRY MATTHEWS
 Deed Book 739
 Page 887

Tract Surveyed Being the Remainder
 Remainder of Those Tracts as
 Listed in the Deed References.

DEED REFERENCE:
 Deed Book 1084, Page 309



4X60
30-#

