DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of ___
PROPERTY ID #: ___
COUNTY: Harnett

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Franklin Hamilton APPLICANT: same
ADDRESS: 34 E. Front St. Lillington APPLICATION DATE: 2/20/96 DATE EVALUATED: 2/26/96
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: 1.267 acres
LOCATION OF SITE: Tirzah Village Subd. LOT 65 PROPERTY RECORDED: 1994
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO .CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	0-2% LS	0-17	LS, Gr, 1	VFR, NS, NP, SEXP	—	48"+	—	—	PS .6
		17-48	SCL, Gr-SBK	FR, SS, SP, SEXP					
2	0-2% LS	0-24	LS, GR, 1	VFR, NS, NP, SEXP	—	48"+	—	—	PS .6
		24-48	SCL, GR-SBK	VFR-FR, SS, SP, SEXP					
3	0-2% LS	0-23	LS, GR, 1	VFR, NS, NP, SEXP	—	48"+	—	—	PS .6
		23-48	SCL, GR-SBK	VFR-FR, SS, SP, SEXP					
4	0-2% LS	0-18	LS, GR, 1	VFR, NS, NP, SEXP	—	48"+	—	—	PS .6
		18-48	SCL, GR-SBK, 1	VFR-FR, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	2250 sq ft	2250 sq ft
System Type(s)	conv	conv
Site LTAR	.6	.6

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS .6 LTAR
EVALUATED BY: Peter A Raby
OTHER(S) PRESENT: Joel Cawthorn

COMMENTS: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
S (Shoulder Slope)		SLC (Silt Loam Clay)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
		Clay			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

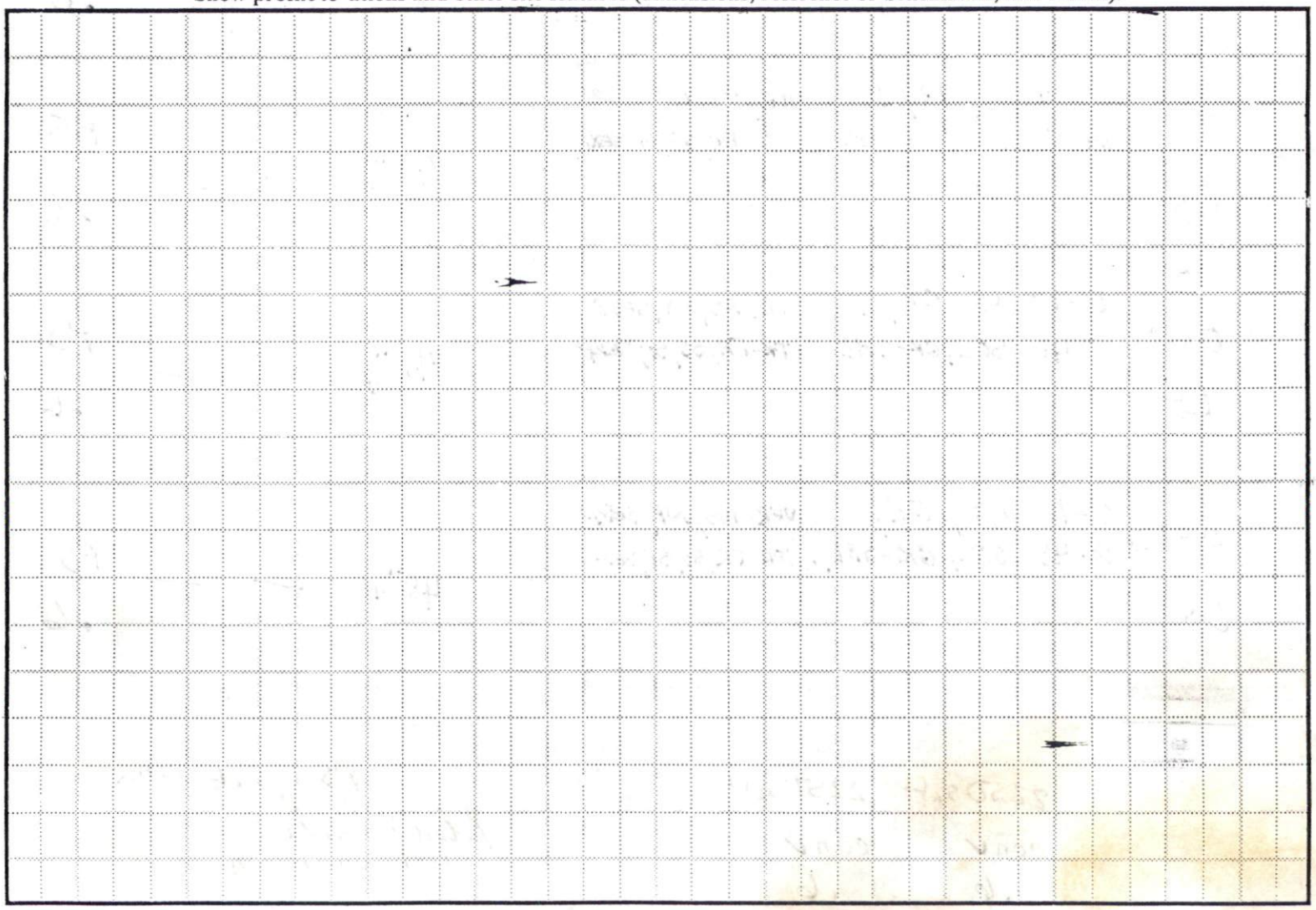
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

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



SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT, HEALTH,
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #:
DATE OF EVALUATION: 2/26/96
COUNTY: Harnett

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	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
8	0-2% LS	0-15	LS, 1, GR	VFR, NS, NP, SEXP	—	48"+	—	—	PS .6
		15-48	SCL, 1, GR-SBK	VFR-FR, SS, SP, SEXP					

COMMENTS:

214.43

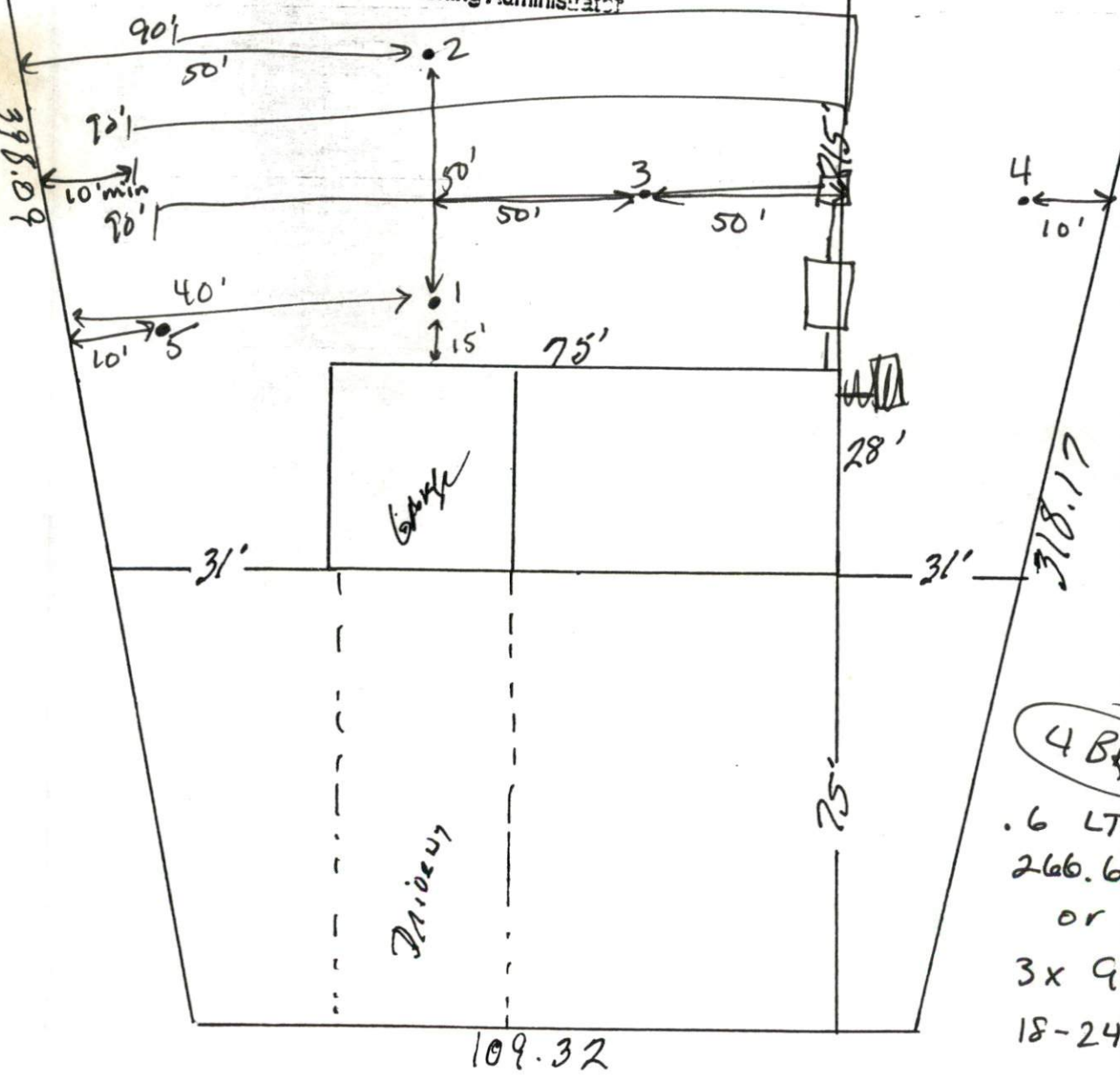
1.267 Acres

Lot #65, Phase II, Tixhall Village

PC F, Slide 306-B

Public Water, Private Septic TANK

SITE PLAN APPROVAL
District N/A Use SFR 28 x 75
Bedrooms 4
20 FEB 86
Date
Zoning Administrator



4 Bdr
.6 LTAR
266.6666
or
3 x 90'
18-24" depth

Village Way