Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 1
Property ID: 4771-34-2105
Lot #:
File #: REPAIR
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: CHRIS MCNEELY
Applicant: SAME
Address: 132 CANTEBERRY DR. SALISBURY, NC 28144
Date Evaluated: 11/22/2011
Proposed Facility: SFR Design Flow (.1949) 480
Property Size: 70 AC
Location of Site: 1508 OSTWALT AMITY RD.
Property Recorded: YES
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
AB 1	LINEAR 3%	0-11	SL,W,GR	NS,NP					
		11-30	C,M,SBK	SS,SP					
		30-48	C,W	STICKEY	COMMON Y/BR	48"	NA	48+	.2
AB 2	LINEAR 3%	0-10	SL,W,GR	NS,NP					
		10-30	C,W,SBK	STICKEY	COMMON Y/BR				
		30-38	CL,W,SBK	SS,SP		38"	NA	38"	.2
		38+	ROCK		YELLOW ROCK				
AB 3	LINEAR 3%	0-12	SL,W,GR	NS,NP					
		12-48	C,W,SBK	STICKEY	COMMON Y/BR				
						48"	NA	48+	.2
AB 4	LINEAR 3%	0-12	SL,W,GR	NS,NP					
		12-41	C,W,ABK	STICKEY	COMMON Y/BR				
		41-56	SCL,M,SBK	SS,SP		56"	NA	56+	.2

Description	Initial System	Repair System
Available Space (.1945)		PS
System Type(s)		G-25%
Site LTAR		.2

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present:
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present:

Sheet:

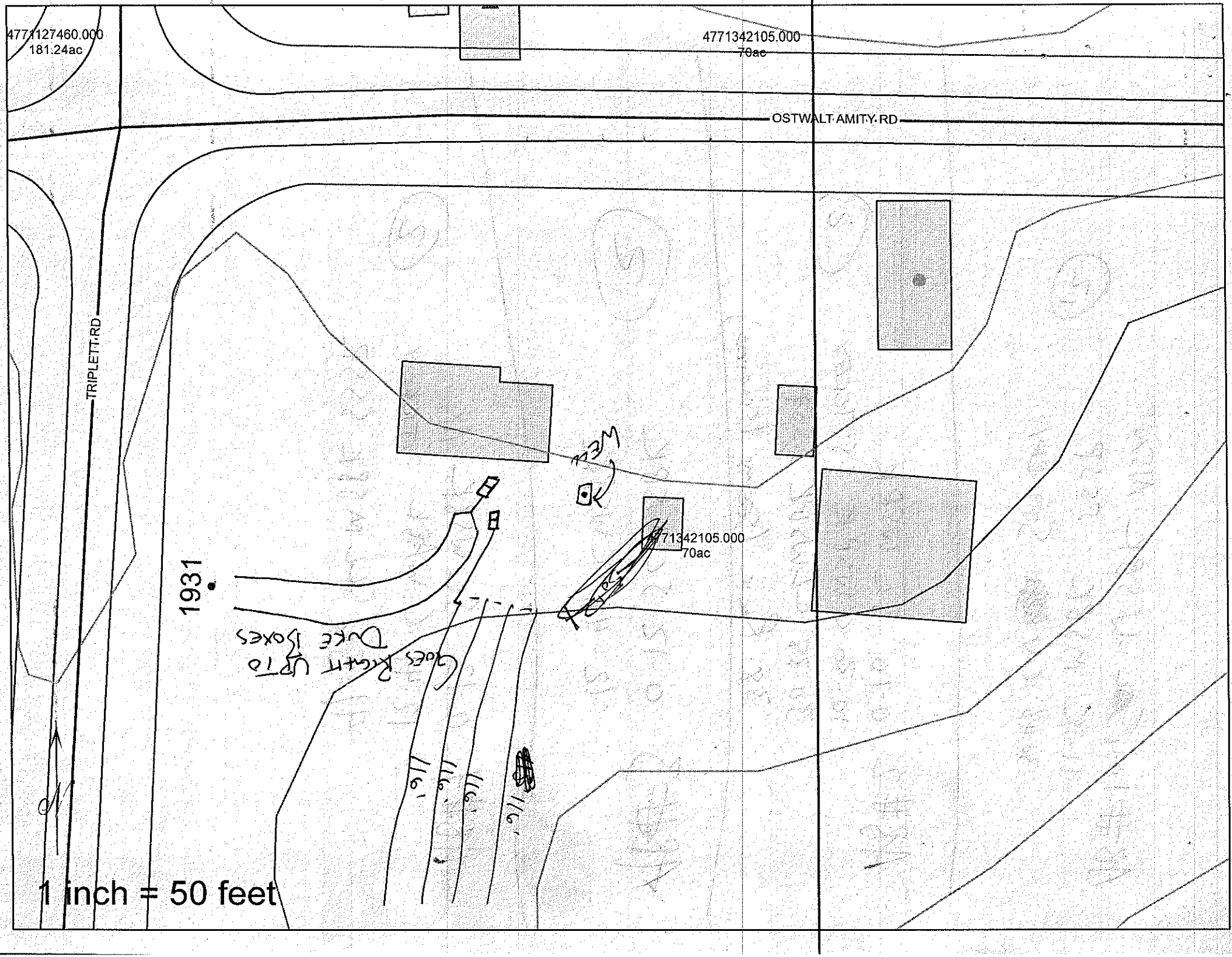
COMMENTS:

FILE #:

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence	Consistence	Mineralogy
Moist	Wet	SEXP-Slightly Expansive
VFR-Very Friable	NS-Non-Sticky	EXP-Expansive
FR-Friable	SS-Slightly Sticky	
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations


4771127460.000
181.24ac
4771342105.000
70ac
OSTWALT AMITY RD
TRIPLETT RD
4771342105.000
70ac
1931
Does Right Up To
Duke Boxes
1 inch = 50 feet

AB#1 0-11 SCL -WSBK NSNP
11-30 MSBK SSSP
30-48 CW [redacted] STICKEY (.2)

AB#2 0-10 SC WSBK
10-30 CWSBK STICKEY (.2)
30-38 CLWSBK SSSP
38- Rock (SEEMS ISOLATED)

~~AB#3~~ 0-12 SC WSBK (.2)
12-48 CWSBK

AB#4 0-12 SC WSBK NS
12-41 CWABK STICKEY (.2)
41-56 SCL MSBK SSSP