DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4636-44-9217
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Sandra Shott
APPLICATION DATE 6-18-15
ADDRESS:
DATE EVALUATED: 8-10-15
PROPOSED FACILITY: 4 BRM
PROPOSED DESIGN FLOW (.1949): 480 gpd
PROPERTY SIZE: 0.957 ac
LOCATION OF SITE: Lot 213 Fairway Estates
PROPERTY RECORDED: yes
WATER SUPPLY: [X] Private [ ] Public [ ] Well [ ] Spring [ ] Other
EVALUATION METHOD: [X] Auger Boring [X] Pit [ ] Cut
TYPE OF WASTEWATER: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 1	LSS 2% 41-80 auger boring	0-13	B scl gr	Fr SS SP SEP		80"	—	—	PS .225
		13-21	R C MFSBk	Fr S P SEXP	33-35 few Pkthy Com YB, few chr 3				
		21-41	R C MMABk	Fi SP SEXP					
		41-80	Red CL Wet Soil	Fr SSP Sexp	common SAP				
P 2	LSS 2% 40-81 auger boring	0-10	B scl gr	Fr SS SP SEXP		81"	—	—	PS .225-.25
		10-18	R C MFSBk	Fr S P SEXP	few/com YB,				
		18-34	R C MMABk	Fi SP SEXP	few sap hcl, few YB -com sap				
		34-45	R C MFABk/SBk	Fi SP SEP					
		45-81	YR CL MFSBk	Fr SS SP SEXP					
P 3	LSS 2% 39-75 auger boring	0-9	B scl gr	Fr SS SP SEP		75"	—	—	PS .225-.25
		9-17	R C MFSBk	Fr S P SEXP					
		17-32	R C MMABk	Fi SP SEXP	few/com YB				
		32-39	R C MFABk/SBk	Fi SS SP SEP	few/com sap few YB -com/many sap				
		39-75	YR CL MFSBk	Fr SS SP SEXP					
P 4	LSS 2% 43-80" auger boring	0-10	B scl Gr	Fr SS SP SEP		80"	—	—	PS .225
		10-20	R C MFSBk	Fr S P SEXP	com YB, Sand pkthy 33-35" few sap, few YB com sap, com mica				
		20-38	R C MMABk	Fi SP SEXP					
		38-43	R C MFSBk	Fr SS SP SEP					
		43-80	R CL MFSBk	Fr SS SP SEP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Conv. Gravity	Pump Conv.
Site LTAR	0.25	0.25

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ARP
OTHER(S) PRESENT: Tom Shuck

COMMENTS: 48" to rock Bottom

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

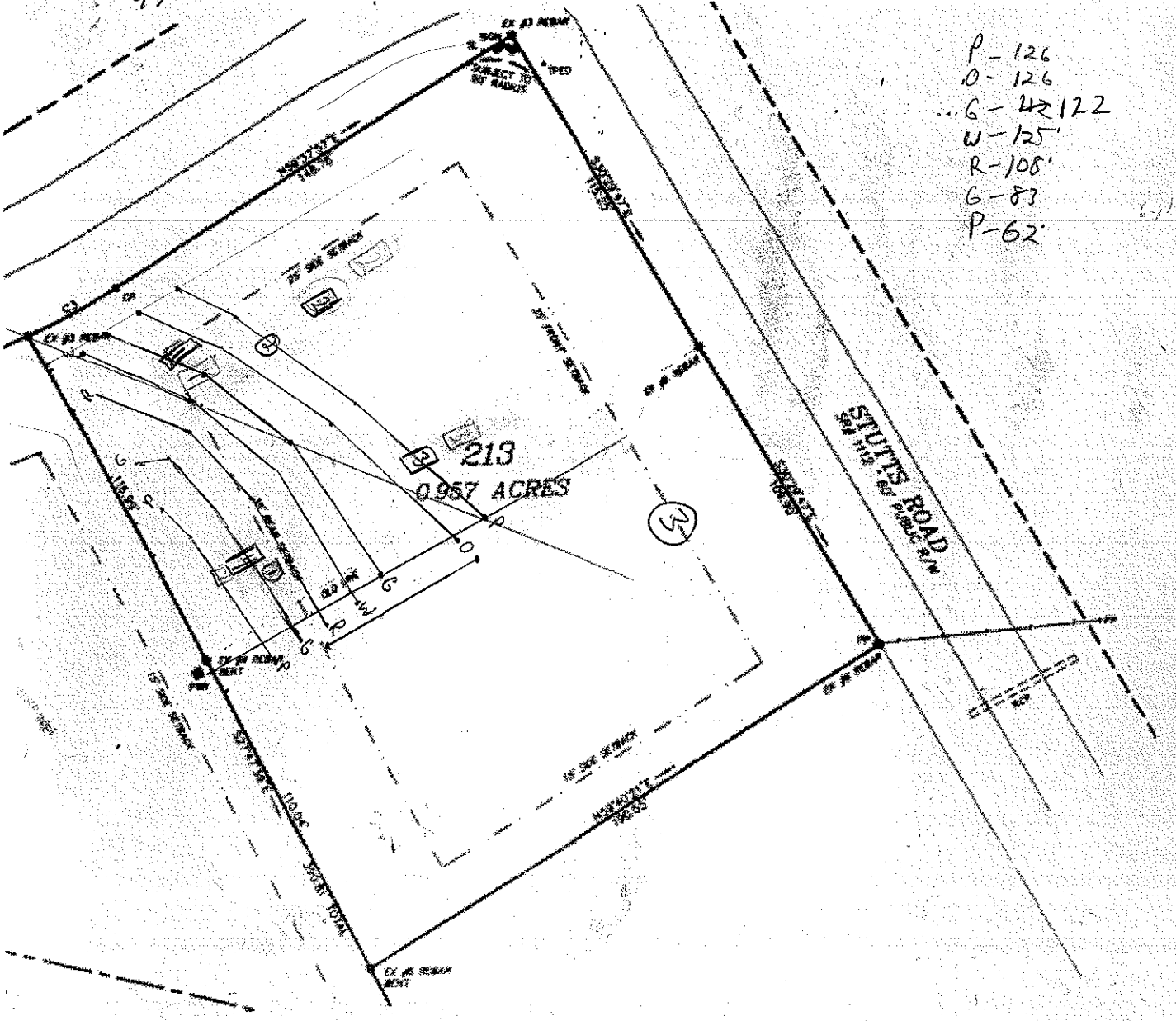
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B 1	LSS 3-4%	0-11	B SCL Gr	Fr SS SP SExP	few YB	48"	–	–	PS .25
		11-20	RC WFSBk/ABk	Fr SS SP SExP	com YB				
		20-38	RC MFABk	Fi S P SExP					
		38-48	RCL WFSBk	Fr SS SP SExP	few sap, few Mic				
B 2	LSS 3%	0-14	B SCL Gr	Fr SS SP SExP		48"	–	–	PS .225 to 43 .25 >43"
		14-24	RC WFSBk/ABk	Fr SS P SExP	few YB				
		24-36	RC MFABk	Fi S P SExP	com YB, few 2.5Y 7/4 + 8/3				
		36-43	RC WFSBk/ABk	Fr SS SP SExP	few YB				
		43-48	RCL WFSBk	Fr SS SP SExP	few sap				
B 3	LSS 4%	0-8	B SCL Gr	Fr SS SP SExP	few YB, 2.5Y 7/4 or 7/6	48"	–	–	PS .25
		8-30	RC MF/FABk	Fi S P SExP					
		30-48	RCL WFSBk	Fr SS SP SExP					

COMMENTS:

B1 0-11 B SCL Gr Fr SSSPSExP
11-20 R C WFSBH/ABH Fr SS SP SExP fen YB ,25
LSS 20-38 R C MFABH F's P SExP con. YB
3-4% 38-48 R Cal WFSBH Fr SS SP SExP fen SP, fen mica

,225
0-14 B SCL Gr Fr SS SP SExP
B2 14-24 R C WFSBH/ABH Fr S P SExP fen YB
24-36 RC MFABH F's P SExP con YB, fen 2.5Y 7-4 + 8/3
LSS 36-43 R C WFSBH/ABH Fr SS SP SExP
3%
0-8 B SCL Gr Fr SSSPSExP
B3 8-30 R C MF/WFABH Fr's P SExP fen YB, fen 2.5Y 7-4 or 6
LSS 30-48 R C WFSBH Fr SS SP SExP
4%



P - 126
O - 126
G - 122
W - 125'
R - 108'
G - 83
P - 62'