DHHS

ON-SITE WASTEWATER SECTION

Sheet ____ of ____
PROPERTY ID #: ____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Fred Lowry Jr. APPLICATION DATE 6-3-16
ADDRESS: 636 Morgan Ridge Rd. Olin, NC DATE EVALUATED: 7-14-16
PROPOSED FACILITY: 2 BR AP PROPOSED DESIGN FLOW (.1949): 240 GPD PROPERTY SIZE: 70 acres
LOCATION OF SITE: 636 Morgan Ridge Rd. Olin, NC PROPERTY RECORDED: Yes
WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other ____
EVALUATION METHOD: X Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

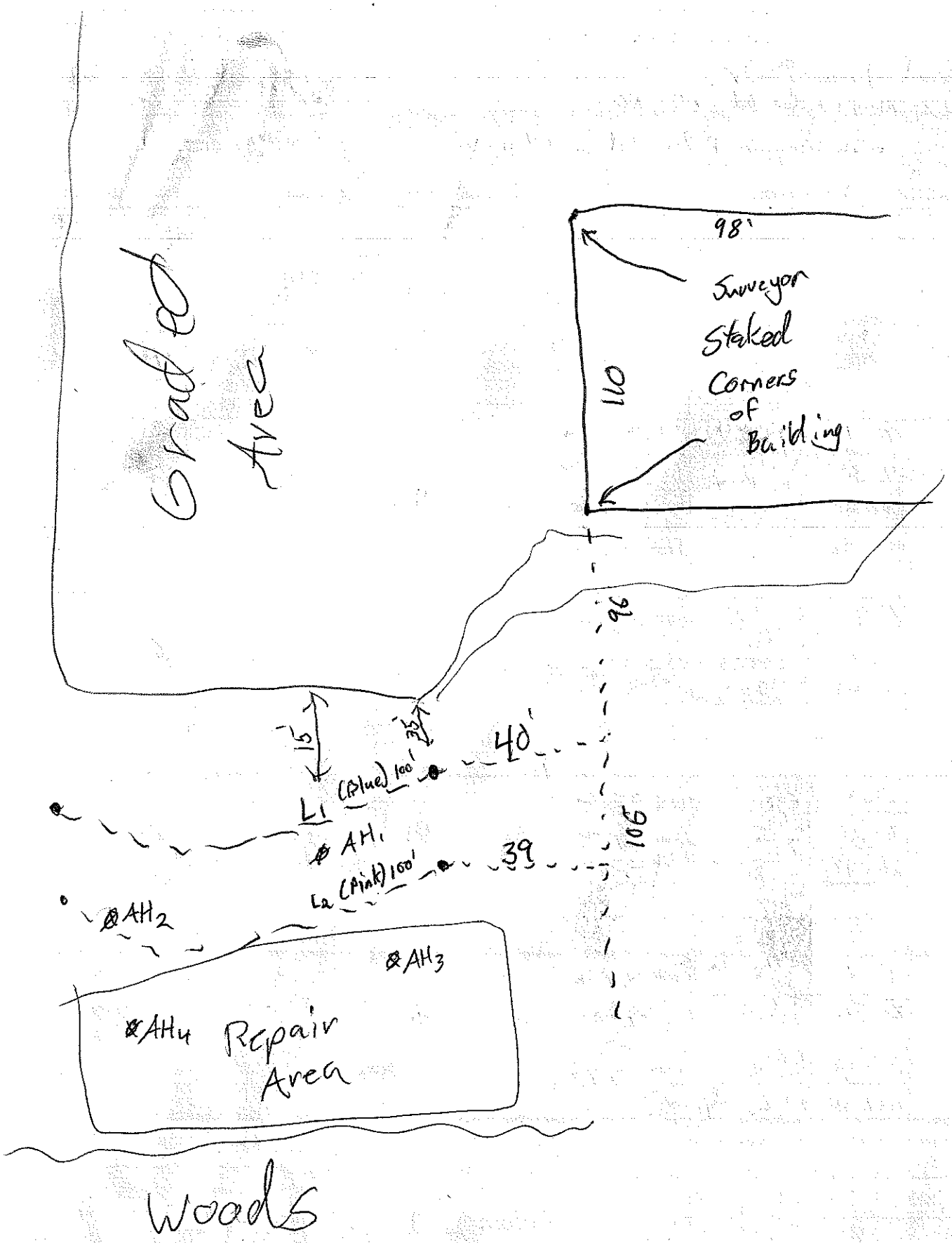
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	HS 12%	0-7	Dry Loose Clay Loam Brown w/SBK	Sl-Friable, SS, Sp, Sap	—	48	—	—	0.325 PS
		7-30	R. Clay w. SBK w/Saprolite	Sl. Firm SS, Sp, Sap 24-28"					
		30-44	R. GLoam w. SBK w/Saprolite	Friable, SS, Sp, Sap					
		44-48	R. Loam w. SBK w/mica	Friable, SS, Sp, Sap					
2	HS 12%	0-9	Br. Clay Loam w. SBK	Sl. Friable SS Sp, Sap	—	48	—	—	0.30 PS
		9-31	R. Clay w. SBK w/Saprolite 25-30"	Sl Firm, SS, Sp, Sap					
		31-48	R Clay Loam some Sap w/SBK	Friable, SS, Sp, Sap					
3	HS 11%	0-8	BR Clay Loam w. SBK	Sl. Friable, SS Sp Sap	—	48			0.30
		8-26	R. Clay w. SBK	Sl. Firm, SS, Sp, Sap					
		26-48	R. Clay Loam w. SBK	Friable, SS, Sp, Sap					
4	HS 11%	0-8	BR Clay Loam w. SBK	Sl. Friable, SS, Sp, Sap	—	44			0.30
		8-30	R. Clay w. SBK	Sl. Firm, SS Sp, Sap					
		30-44	R. Clay loam w. SBK	Friable, SS Sp, Sap					
		cobble @ 44" [granite/quartz]							

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	200 LF	200 LF
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: Fred Lowry Jr.

COMMENTS: ____

L1 = 6.39 Blue 100' L2 = 7.49 Pink 100'


Graded Area
98'
Surveyor Staked Corners of Building
110
96
106
15'
25'
40'
39
L1 (Blue) 100'
L2 (Pink) 100'
AH1
AH2
AH3
AH4
Repair Area
Woods