DHHS

ON-SITE WASTEWATER SECTION

Sheet ____ of ____

PROPERTY ID #: ____

COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

6.17' blue L_1 = 38'
7.45' white L_2 = 46'
Red L_3 = 52'

OWNER: Gilbert & Peacock

APPLICATION DATE 9-6-16

ADDRESS: same as site

DATE EVALUATED: 9-15-16

PROPOSED FACILITY: 2BR House

PROPOSED DESIGN FLOW (.1949): 240 GPD

PROPERTY SIZE: 0.58 acres

LOCATION OF SITE: 738 Turnersburg Highway REPAIR (Limited area)

PROPERTY RECORDED: Yes

WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other ____

EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut

TYPE OF WASTEWATER: ☐ 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 14% Slope	0-6	w. SBK clay w. mica	Gl. Firm, SS, Sp, Sapr	—	48	—	—	0.325 PS
		6-48	Mixed Clay Loam + Saprolite w. weak SBK	Very Friable, SS, Sp, Sapr					
		0							
				30"					
2	FS 7% Garden	0-7	Loam (granular) + topsoil / clay (SBK)	Sl. Firm, SS, Sp, Sapr	—	48	—	—	0.325 PS
		7-41	Br. w. SBK clay Loam + Saprolite (subangular)	Very Friable, SS, Sp, Sapr					
		41-44	MA Sandy Saprolite less (mixed)	Very Friable, well drained					
		44-48	Br. Clay Loam + Saprolite	Very Friable well drained					
				30"					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		136'
System Type(s)		25% reduction
Site LTAR		0.325

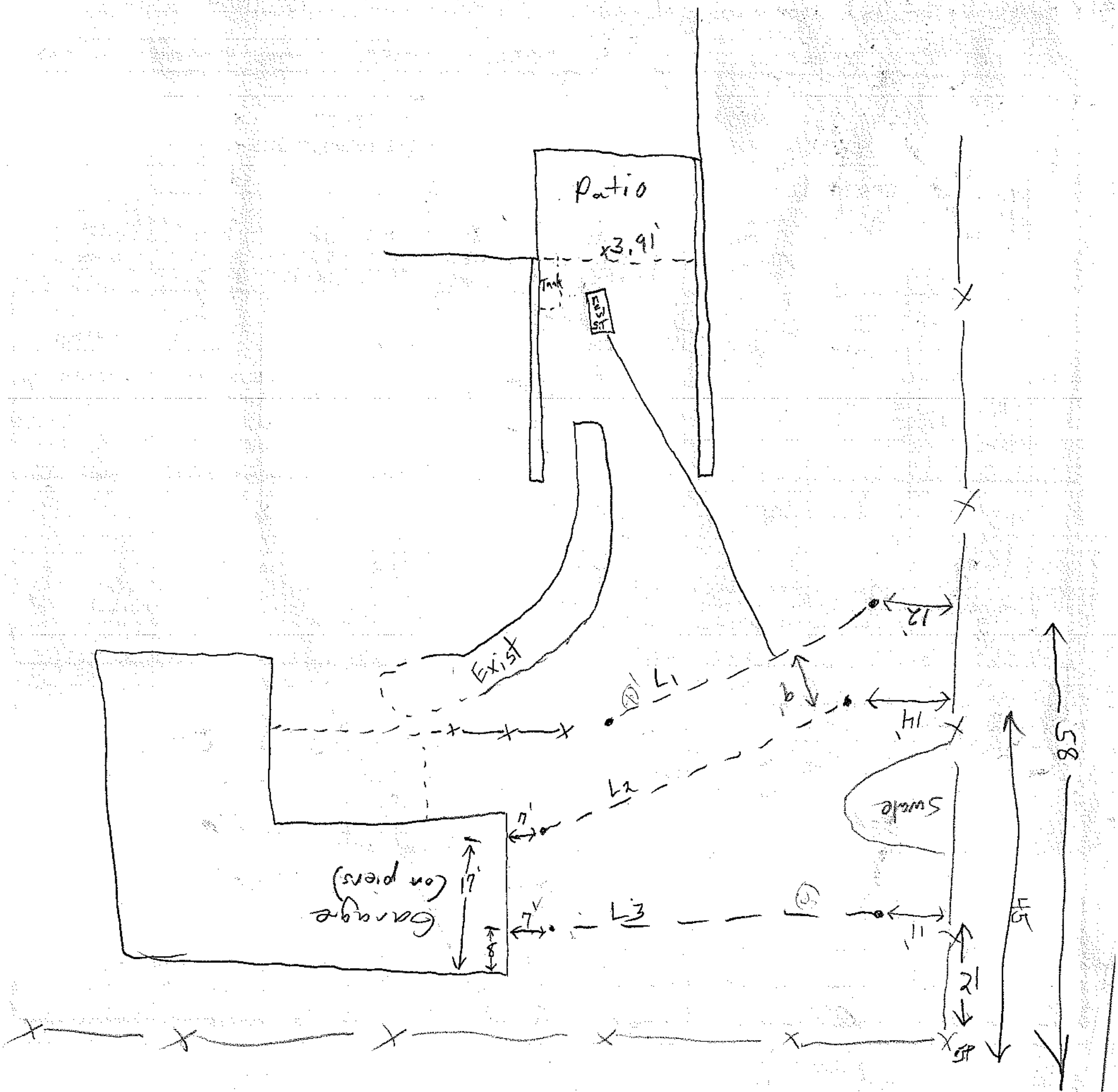
OTHER FACTORS (.1946): N

SITE CLASSIFICATION (.1948): PS

EVALUATED BY: Tom Shuck

OTHER(S) PRESENT: owner

COMMENTS: ____


Patio
3.91'
Tank
New ST
Exist
L1
L2
L3
12'
14'
9'
7'
7'
17'
8'
11'
12'
45
58
Garage (on piers)
Swale