N-SITE WASTEWATER SECTION

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

APPLICATION DATE: 11-4-15
DATE EVALUATED: 11-23-15
PROPERTY SIZE: 0.56 acres
PROPERTY RECORDED: Yes

OWNER: Carolina Simplex Homes
ADDRESS:
PROPOSED FACILITY: 3 BR House
LOCATION OF SITE: 150 Fairhaven Lane
WATER SUPPLY: ☒ Private ☐ Public
EVALUATION METHOD: ☒ Auger Boring ☐ Well ☐ Spring ☐ Other
PROPOSED DESIGN FLOW (.1949): 360 gpd
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
AH 1		0-6	Sandy Loam w/ SBK	Friable, SS, Sp, Sap	—	46"	—	—	PS 0.275
		6-18	Clay, med SBK	Slightly Firm, Sticky Sp, Sap some mica					
		18-46	Clay, med SBK	Slightly Firm, SS, Sp, Sap					
		46-49	Loamy massive saprolite	Friable + moderately dry					
AH 2	Shoulder	0-5	Sandy Loam weak SBK	Friable, SS, Sp, Sap	—	44"	—	—	PS 0.275
		5-22	Clay, Med SBK	Slightly Firm, Sticky Sp, Sap, mica					
		22-33	Clay, med SBK	Slightly Firm, SS, Sp, Sap	Few→common SAP including				
		33-44	Clay Loam weak SBK	Friable, SS, Sp, Sap					
		44-48	Loamy Saprolite massive	Friable moderate dry					
AH 3	Shoulder	0-7	Sandy Loam weak SBK	Friable SS, Sp, Sap	—	48	—	—	PS 0.275
		7-24	Clay, medium SBK	Slightly Firm, SS, Sp, Sap	Few SAP including				
		24-48	Clay Loam weak SBK	Friable, SS, Sp, Sap					
AH 4	Shoulder	0-6	Sandy Loam weak SBK	Friable, SS, Sp, Sap	—	37"	—	—	PS 0.275
		6-25	Clay, med SBK	Firm, SS, Sp, Sap					
		25-37	Clay Loam weak SBK	Slightly Friable, SS, So, Sap					
		37-48	Loamy massive saprolite	Friable moderately dry					

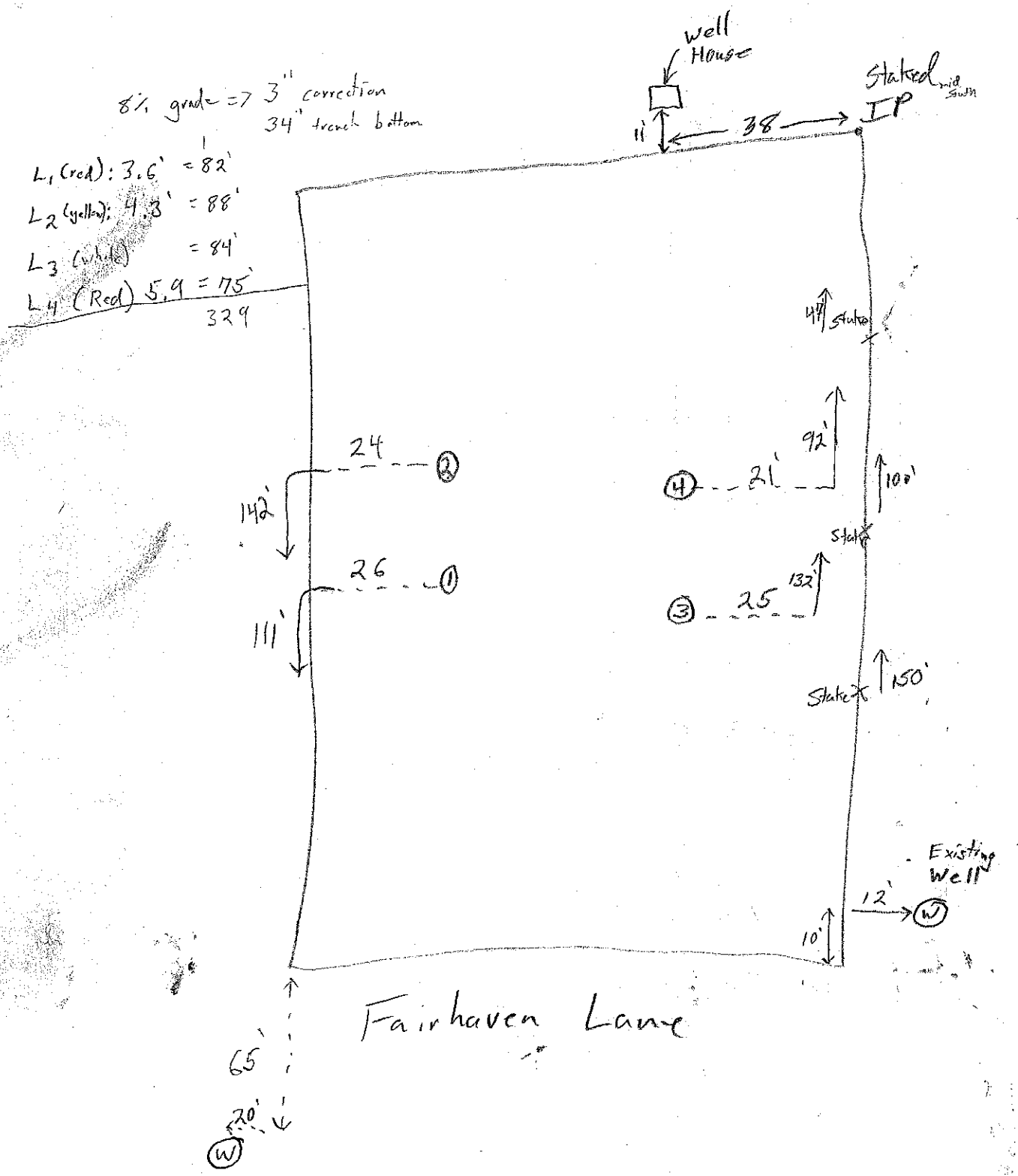
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:

COMMENTS: ☆ - Lot needs to be cleared + House Box marked.

LIAR: 0.275

328 LF required [25% reduction]
or
218 PPBRS



$R_1 = 72$

$R_2 = 68$

$140'$

$+ \ 50$

190

