DHHS

ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

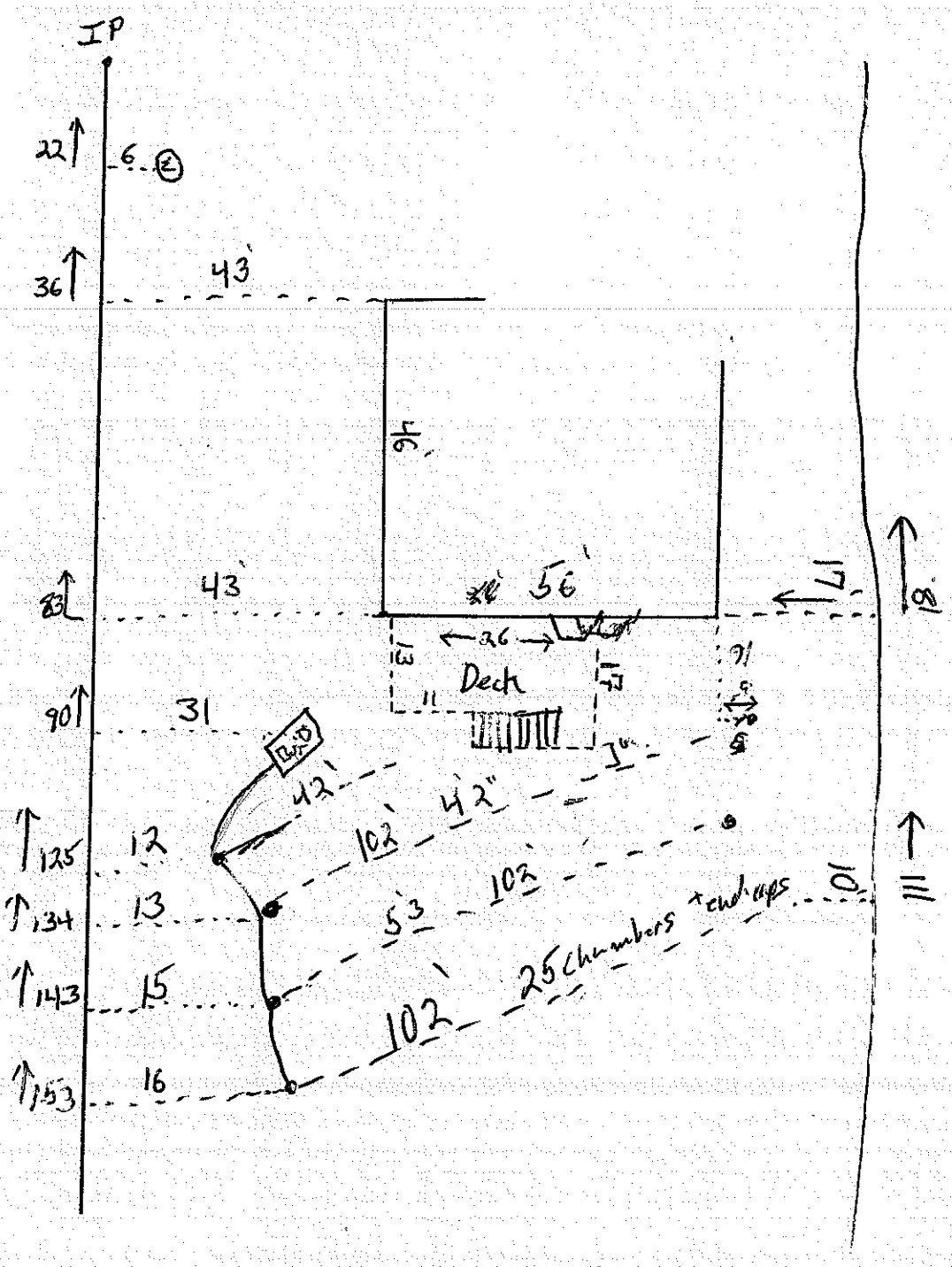
OWNER: Danny Martinesca APPLICATION DATE 4-4-16
ADDRESS: 1607 High Ridge Drive DATE EVALUATED: 4-28-16
PROPOSED FACILITY: 4 BR House PROPOSED DESIGN FLOW (.1949): 480 gal/day PROPERTY SIZE: 0.57 acres
LOCATION OF SITE: 150 Albany Drive Mooresville, NC Bethany Place 24/7 PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ 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
"A"	10% (Between 21"+24" repair Lines)	0-8	Clay Loam weak SBK	slightly Friable, SS, SP, Sexp	—	43"	—	—	PS 0.35
		8-20	Sandy Clay V. Weak SBK	slightly Firm, SS, SP, Sexp					
		20-43"	Clay Loam moderate SBK	Friable, SS, SP, Sexp ^Abundant Saprolite 36-43"					
		43-60"	Loamy Saprolite (massive)	V. well drained + granular^					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	X	PS
System Type(s)	X	LP-PPBPS
Site LTAR	X	0.35

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: Justin Henderson

COMMENTS: ____


IP
22
6
36
43
94
83
43
56
17
19
36
13
Deck
11
5
90
31
42'
42"
102
125
12
134
13
53
102
143
15
102
25 chambers + endcaps
153
16
10

228 needed

Repair

$W_1 = 22'$

$Blue_1 = 70'$

$Red_1 = 54.5'$

$Blue_2 = 44$

B_3 [downslope from front] $= 21'$

24'

92
44
54.5
190.5

190.5
45
235.5

