

COUNTY #

SOIL PROFILE

tan brn
silt/clm

brn
yel tan
silt/clm

10%
frags

1259

brn
silt/clm

yel tan
w/red
streaks

silt/clm

10% frags

1255 1255A

brn
red
silt/clm

brn
silt/clm

10%
frags

SOIL PROFILE

1255A

brn red
silt/clm

15-30%
fr

brn
silt/clm

10-15%
frags

1257A

brn red
silt/clm

brn silt/clm

10% frags

H₂O

DUE TO DROUGHT CONDITIONS,
APPROVABLE HOLES MUST HAVE 8
FEET FROM OBSERVED
GROUNDWATER TO BOTTOM OF
PROPOSED SEPTIC SYSTEM

G ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/01	1260	5 1/2	4:01	4:08	4:09	4:19	10
	1260	13 1/2	OK see profile				
	1259	5	4:09	4:16	4:16	4:23	7
	1259	14	OK see profile				
	1257A	5	4:14	4:17	4:17	4:22	5
	1257A	14 1/2	H ₂ O @ 14 1/2 - OK				
	1255	5	4:25	4:27	4:27	4:29	2
	1255	13	OK see profile				
	1255A	5 1/2	4:29	4:31	4:31	4:37	6
	1255A	12	OK see profile				

REMARKS

TYPE OF SOIL

TESTED BY

M. Ristkin

ALSO PRESENT

M. Johnson
D. Ricker, C. Cumberland

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SO FT/BEDROOM

EX → WELLS ADJ. SUBD.

COUNTY #

SOIL PROFILE 1239

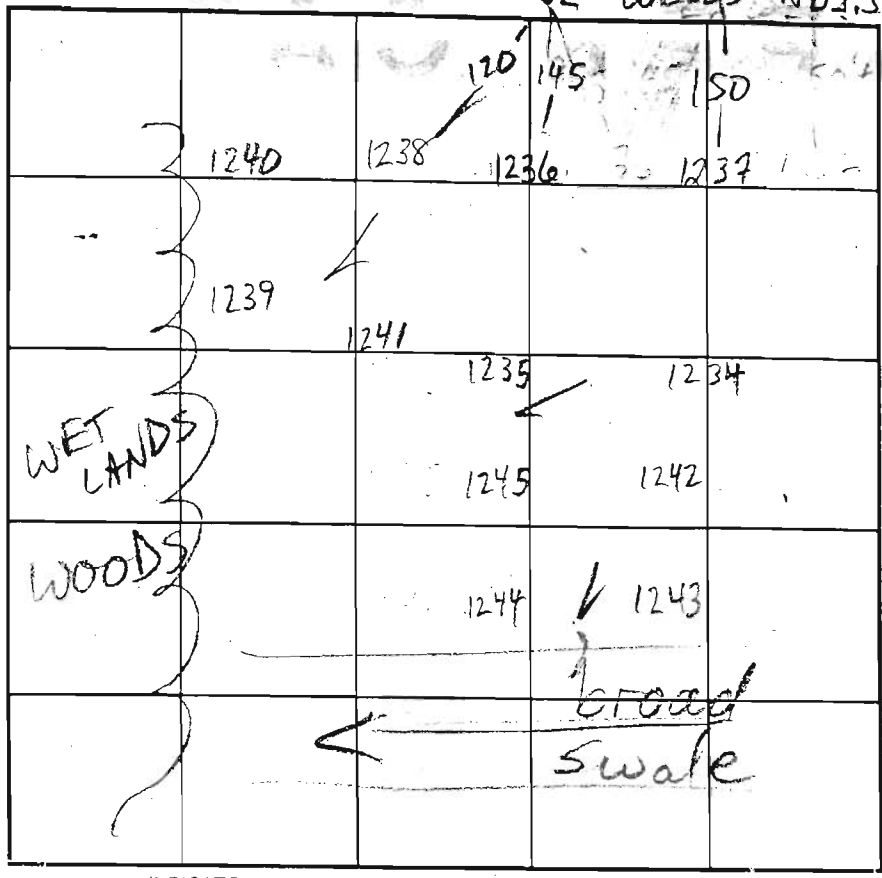
0' orge yel
red brn
silt m
3 1/2' tan
lt. brn
silt m
15-20%
frags
139"

1240

brn
orge
magenta
silt m
4' gray
brn
silt m
20%
frags

1235 36

orge brn 37
silt m 34
4-5' tan
yel
beige
silt m
10% frags
14 1/2'



SOIL PROFILE 1241

0' red brn
silt m
brn orge
red silt m
10% frags
black
leached
orge silt
@ bot 14

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/01	1239	4'3"	2:38	2:44	2:44	2:54	10
	1239	13'9"	OK see profile				
	1240	5	2:41	2:42	2:42	2:44	2
	1240	14	OK see profile				
5/15/01	1241	4 1/2	11:46 2:20	11:56 2:22	11:56 2:22	12:06 2:27	10 7
	1241	14	OK see profile				
	1236	4 1/2	11:59	12:02	12:02	12:05	3
	1236	14 1/2	OK see profile				
	1237	5 15	12:09	12:13	12:13	12:17	4
	1234	5 14	12:22	12:29	12:29	12:49	2 DEST

REMARKS: likely faster below - OK
 TYPE OF SOIL: M. Johnson
 TESTED BY: M. Riffin DUE TO DROUGHT CONDITIONS, APPROVABLE HOLES MUST HAVE 8 FEET FROM OBSERVED GROUNDWATER TO BOTTOM OF PROPOSED SEPTIC SYSTEM
 TRENCH DESIGN DATA: AVERAGE INLET DEPTH MA
 TESTED BY: D. Ricker, C. Cumberland
 TRENCH DESIGN DATA: AVERAGE INLET DEPTH MA
 TESTED BY: M. Johnson

COUNTY #

SOIL PROFILE

0'
1242
brn red
sac l m
4'
red brn
tan
sisa l m
few wh.
streaks
14 1/2'
10% frags

1243
red brn
sac l m
10-15% fr
4'
red brn
tan
sa l m
10-15% fr
↑ in depth
13 1/2'

1245
red
brn
sac l m
3 1/2'
tan red
sa l m
5-10%
frags
few
white si
pockets
13' 10"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 1244
red brn
sac l m
3'
yel si
sa l m
4'
H. brn
tan red
sa l m
10% frags
12 1/4"
H₂O

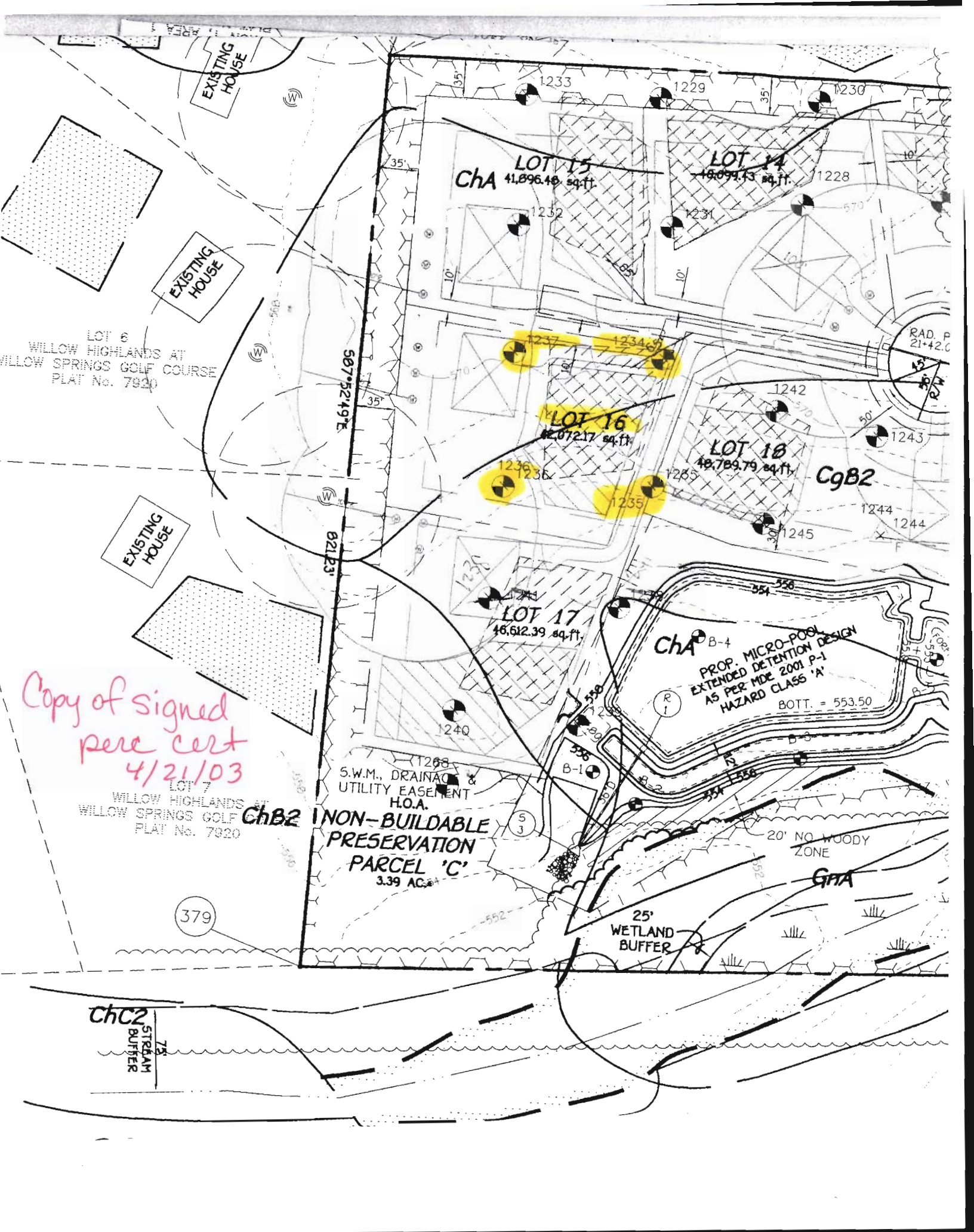
1235
brn red
cl l m
10-30% frags
tan sg l m
10% frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/15/01	1242	4 1/4" / 14 1/2"	2:14	2:16	2:16	2:23	7
	1243	5 / 13 1/2"	2:33	2:34	2:34	2:36	2
	1244	3 1/2" / 4 1/2"	11:35 / 10:36	11:40 / 10:39	11:40 / 10:39	11:50 / 10:44	20 / 5
	1244	13	H ₂ O @ 12' 4"		FAIL - KEEP ESMT. HIGHER		
	1235	5	11:22	11:24	11:24	11:30	6
	1235	14 1/2"	OK see profile				
	1245	4 1/2"	11:05	11:08	11:08	11:13	5
	1245	13' 10"	OK see profile				

REMARKS

TYPE OF SOIL _____
 TESTED BY M. Rifkin DUE TO DROUGHT CONDITIONS,
 TRENCH DESIGN DATA: AVE FEET FROM OBSERVED
 INLET DEPTH _____ GROUNDWATER TO BOTTOM OF
 PROPOSED SEPTIC SYSTEM

M. Johnson
 SENT D. Recker / C. Cumberland
 TRENCH WIDTH _____
 EDROOM _____



EXISTING HOUSE

EXISTING HOUSE

EXISTING HOUSE

Copy of signed
perc cert
4/21/03

LOT 6
WILLOW HIGHLANDS AT
WILLOW SPRINGS GOLF COURSE
PLAT No. 7920

ChB2

NON-BUILDABLE
PRESERVATION
PARCEL 'C'
3.39 AC.

S.W.M., DRAINAGE &
UTILITY EASEMENT
H.O.A.

LOT 15
41,896.48 sq.ft.
ChA

LOT 14
18,099.43 sq.ft.

LOT 16
12,072.17 sq.ft.

LOT 18
18,789.79 sq.ft.
C9B2

LOT 17
16,612.39 sq.ft.

ChA B-4

PROP. MICRO-POSI
EXTENDED DETENTION DESIGN
AS PER MDE 2001 P-1
HAZARD CLASS 'A'
BOTT. = 553.50

379

Chc2
STREAM
BUFFER
75'

25'
WETLAND
BUFFER

20' NO WOODY
ZONE

GMA