

APPLICATION

PERCOLATION TESTING

A 515042

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4-13-01

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Natalie Ziegler

ADDRESS 11352 Homewood Rd. PHONE 410 740-6880

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. _____

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 3.10 acres +/- TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Natalie Ziegler
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

316

brn red
cl 1m
5-30%
Frag's

gray wh.
sand
20-25% fr

brn tan
sa 1m
15-20% fr

brn tan
sa 1m
10-15% fr

321

brn tan
sacl 1m

tan gray
wh sa
25
20%
15-19%

tan sa 1m
15-20% fr

ARD BOT

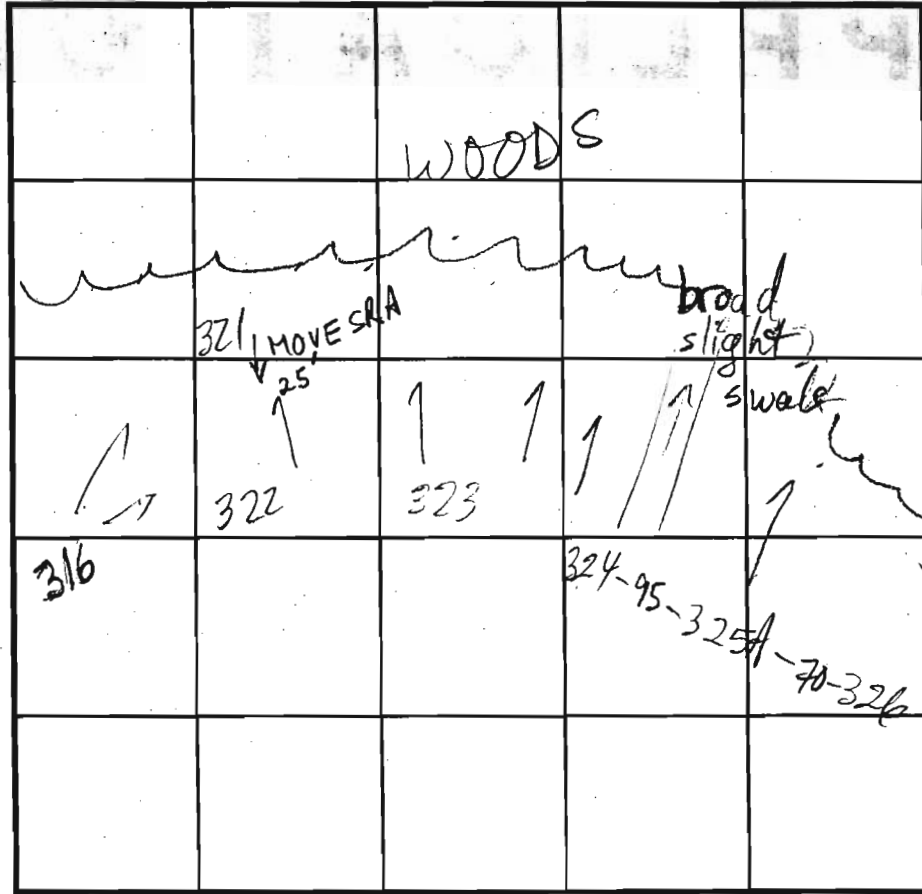
322

brn
sacl 1m
10-35%
Frag's

brn
sa 1m
10-35%
Frag's

323

brn
sacl 1m



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

323

brn
sacl 1m

tan gray
sa 1m
35-40%
Frag's

tan gray
sa 1m
15-20%
Frag's

20-25%
Frag's

324/325A

brn sacl 1m
15-20%
Frag's

brn tan
gray sa 1m
10-15%
Frag's

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/31/91	316	6' 14"	10:25	10:26	10:26	10:27	7	MARGINAL
	321	4' 13 1/2"	10:28	10:30	10:30	10:33	3	OK
	322	5 1/2' / 13'	10:31	10:39	10:39	10:53	14	OK
	323	4 1/2' / 13 1/2"	10:38	10:42	10:42	10:45	3	OK
	324	5 1/2' / 14"	11:22	11:24	11:24	11:27	3	OK
	326	5' 14 1/2"	10:49	10:50	10:50	10:52	2	OK
	326	5' 14 1/2"	10:55	10:58	10:58	11:04	6	OK
	325A	13 1/2'	3 1/2' cl	ADJUSTED FROM PLAN		LOC		OK

REMARKS 325A NOT PER PLAN; OTHERS PER PLAN

TYPE OF SOIL _____

TESTED BY Mark Kifkin ALSO PRESENT Chuck Crow
Mike S. & crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

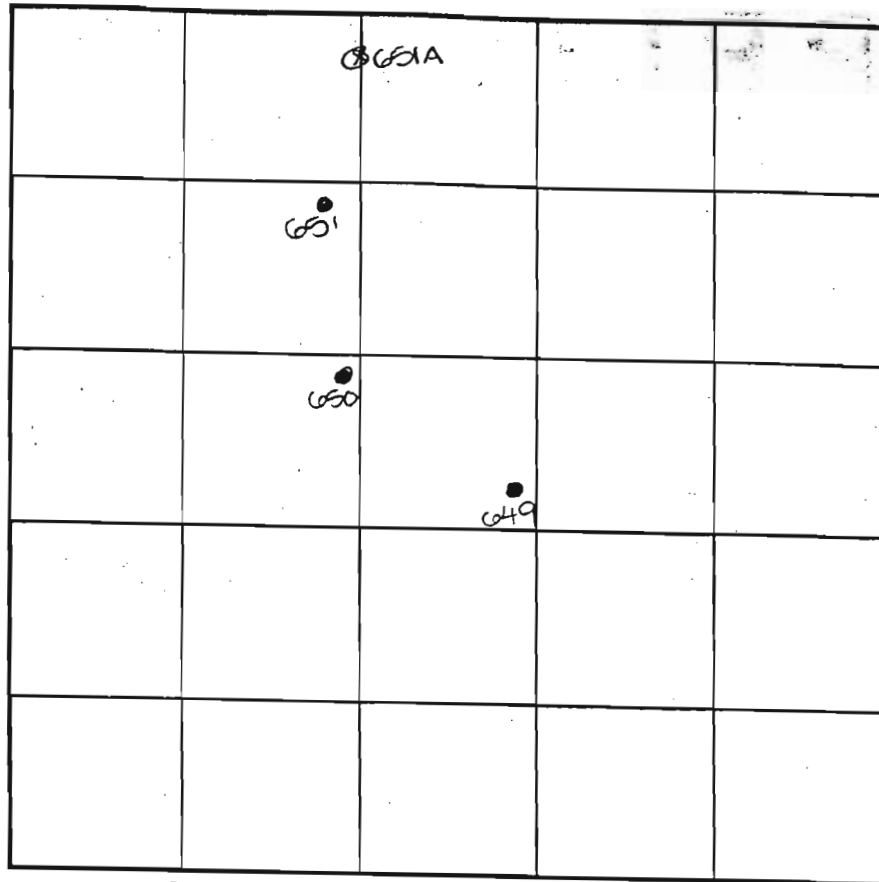
SOIL PROFILE

649/650

0' topsoil
 1' med org
 brn cl lm
 4.5' org beige
 sa mica
 lm
 10-15%
 rock
 14.4'

0' 651
 1' topsoil
 4' org brn
 cl lm
 4.5' lt brn
 sa mica
 lm
 10% rock
 14.5'

0' 651A
 1' topsoil
 4' brn
 cl lm
 med
 org brn
 sa mica
 lm
 10-15%
 rock
 15'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-30-01	649	4.5'S	2:04	2:07	2:07	2:10	4
		14.4" D	Visual	- see	profile		OK
	650	4.5'S	2:06	2:30	2:30	little slow	OK
		14.0' D	Visual	- see	profile		OK
	651	4.5'S	2:10	2:13	2:13	2:17	4
		14.5' D	Visual	- see	profile		OK
	651A	4.5'S	2:20	2:20	2:20	2:22	2
		15.0' D	Visual	- see	profile		OK

REMARKS

TYPE OF SOIL _____ DUE TO DROUGHT CONDITIONS,
 TESTED BY D/C APPROVABLE HOLES MUST HAVE 8
 TRENCH DESIGN DA' FEET FROM OBSERVED
 INLET DEPTH _____ GROUNDWATER TO BOTTOM OF
 PROPOSED SEPTIC SYSTEM

ALSO PRESENT M. Johnson
 TRENCH WIDTH _____
 SO. FT/BEDROOM _____

AP 515042

651 D

Brn CL

1.5'

Brn

CB LS

micaceous

multi-color

saprolite

6'

Yell Brn

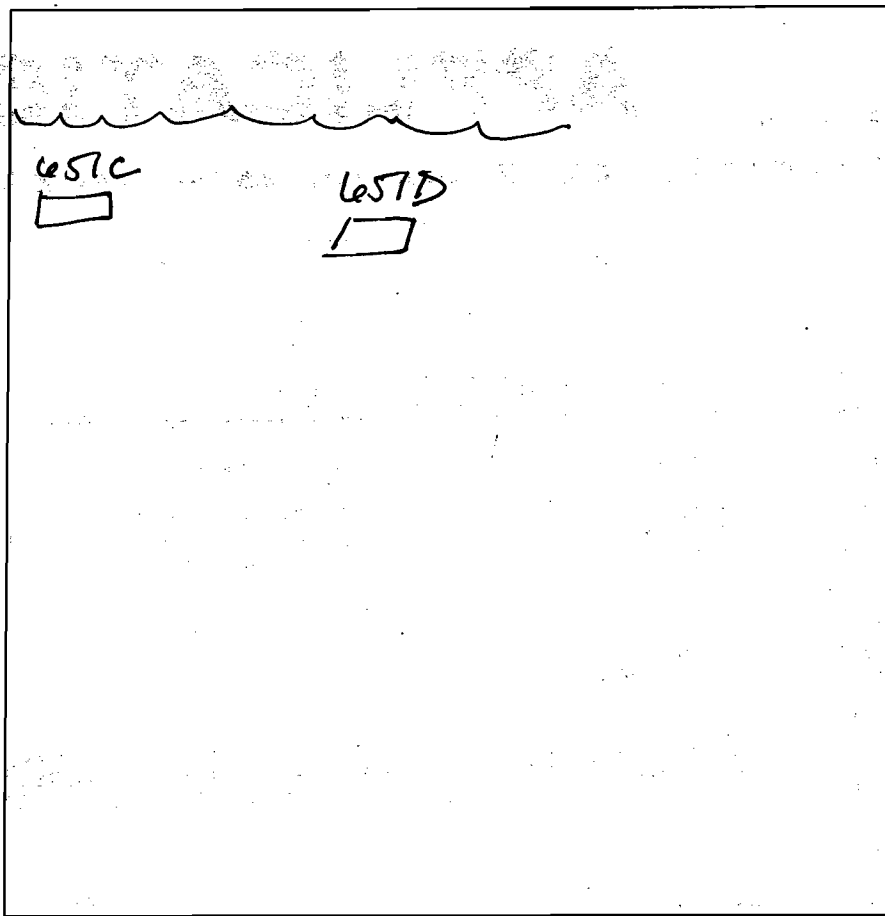
SL

410% R_x

B4/ST

11.5'

HB



FOX RUNNER DR.

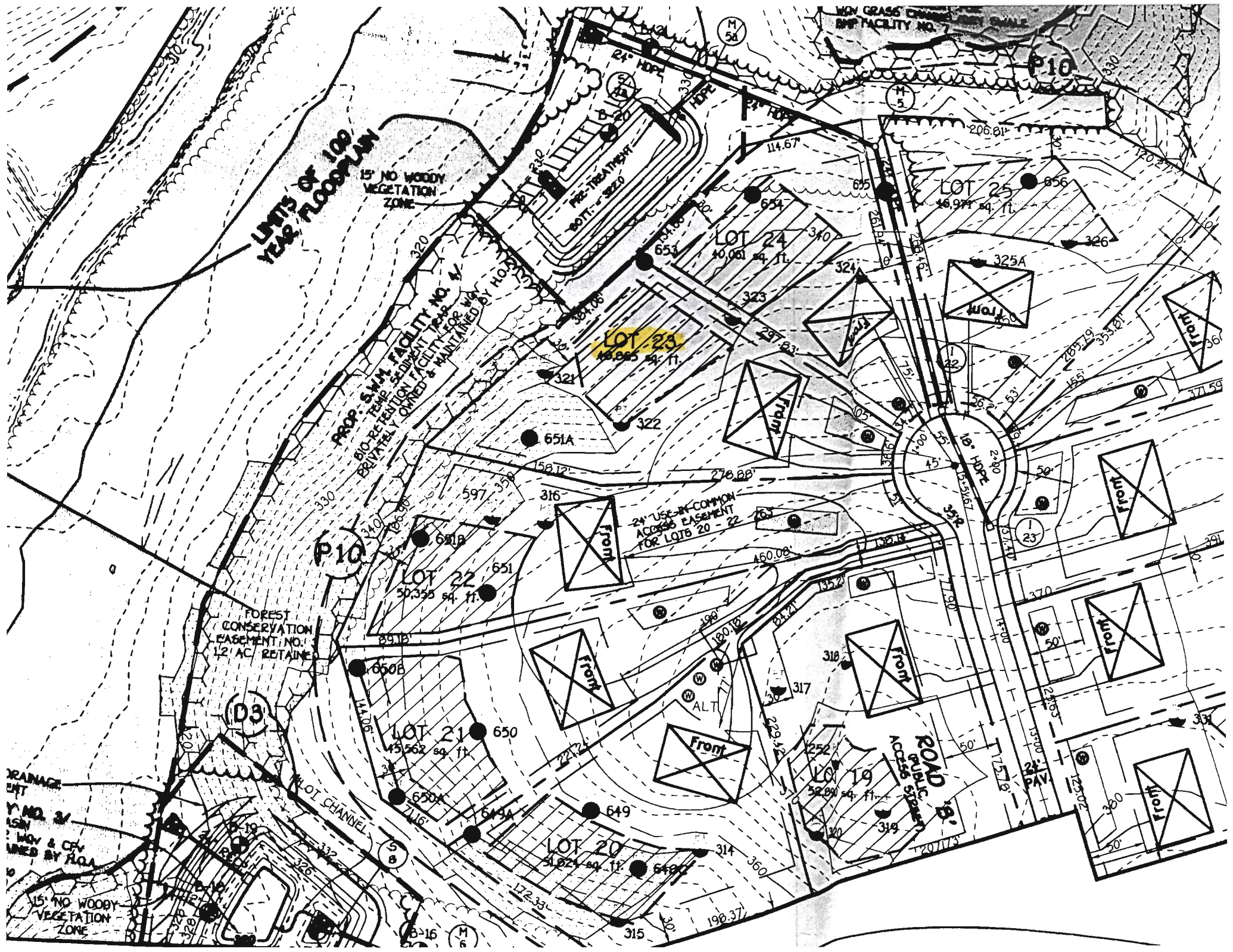
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/20/07	651 D	4' 11.5'	9:45	9:46	9:47	1	
		6' 11.5'	9:54	9:56	9:58	2	P

REMARKS Lot 23

SANITARIAN AT BACKHOE Fox/cs OTHERS

TEST HOLES USED IN SDA AVG. PERC TIME SQ. FT/BR

TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW



LIMITS OF 100 YEAR FLOODPLAIN

15' NO WOODY VEGETATION ZONE

Prop. S.W.M. Facility No. 4
810' TRAPEZOIDAL SEDIMENT TRAP
PRIVATELY OWNED & MAINTAINED BY HOA

FOREST CONSERVATION EASEMENT NO. 1
12 AC. RETAINED

24' USE-IN-COMMON ACCESS EASEMENT FOR LOTS 20 - 22

ROAD
Public Street Access System

DRAINAGE ENT
Y. NO. 34
15' NO WOODY VEGETATION ZONE
MAINTAINED BY HOA

15' NO WOODY VEGETATION ZONE

WVY GRASS CHANNEL
BMP FACILITY NO. 1

LOT CHANNEL

P10

P10

D03

B-16

M 54

M 5

S 8

M 6