

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 310 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 #

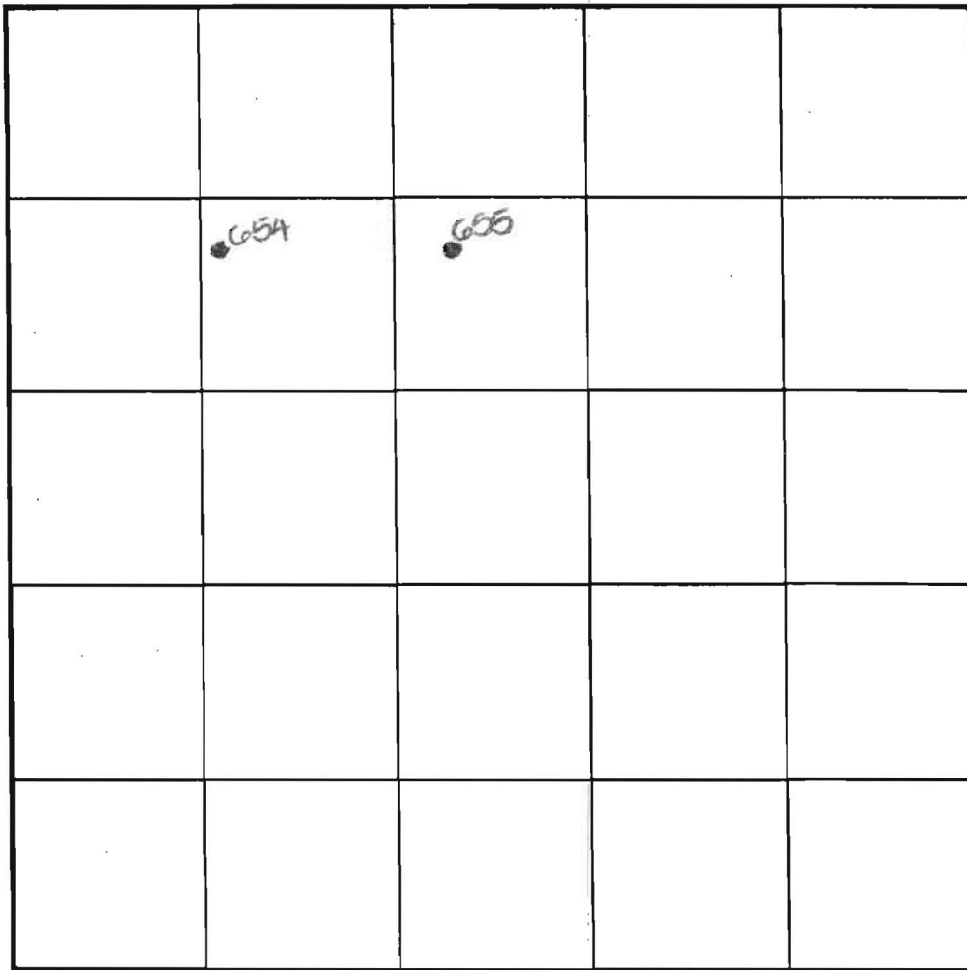
SOIL PROFILE

0' 655
 6" topsoil
 dk org brn
 cl lm
 5.5' 655
 lt org
 brn
 sa mica
 lm
 25%
 rock
 12' Refusal

0' 654
 1' topsoil
 red org
 brn
 cl lm
 5' 654
 lt to
 med red
 brn
 sa mica
 lm
 15%
 rock
 12 1/8' 654

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	
5-29-01	655	5.5' S	1:20	less than 1"	2:03		OK below
		12.0' D	Refusal				OK
	654	5.0' S	2:07	slow	test stopped		OK below
		13 1/8" D	Visual - Soc		profile		OK

REMARKS _____

TYPE OF SOIL _____
 TESTED BY DCC DUE TO DROUGHT CONDITIONS,
 TRENCH DESIGN DAT. APPROVABLE HOLES MUST HAVE 8
 INLET DEPTH _____ FEET FROM OBSERVED
 _____ GROUNDWATER TO BOTTOM OF
 _____ PROPOSED SEPTIC SYSTEM

LSO PRESENT M. Johnson crew
Owners
 TRENCH WIDTH _____
 SO FT/BEDROOM _____

COUNTY # _____

SOIL PROFILE
 653

0' tp soil

6" org brn
 U brn

4.5' med
 brn
 sa micc
 brn

10%
 rock

13'8"

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	
5-29-01	653	6.55	2:17 ₃	2:25	2:25	2:35	10
		13'8" D	visual - see		profile		OK

REMARKS _____

TYPE OF SOIL _____ DUE TO DROUGHT CONDITIONS,
 TESTED BY DLC APPROVABLE HOLES MUST HAVE 8
 TRENCH DESIGN DAT GROUNDWATER TO BOTTOM OF
 INLET DEPTH _____ PROPOSED SEPTIC SYSTEM

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

COUNTY #

SOIL PROFILE

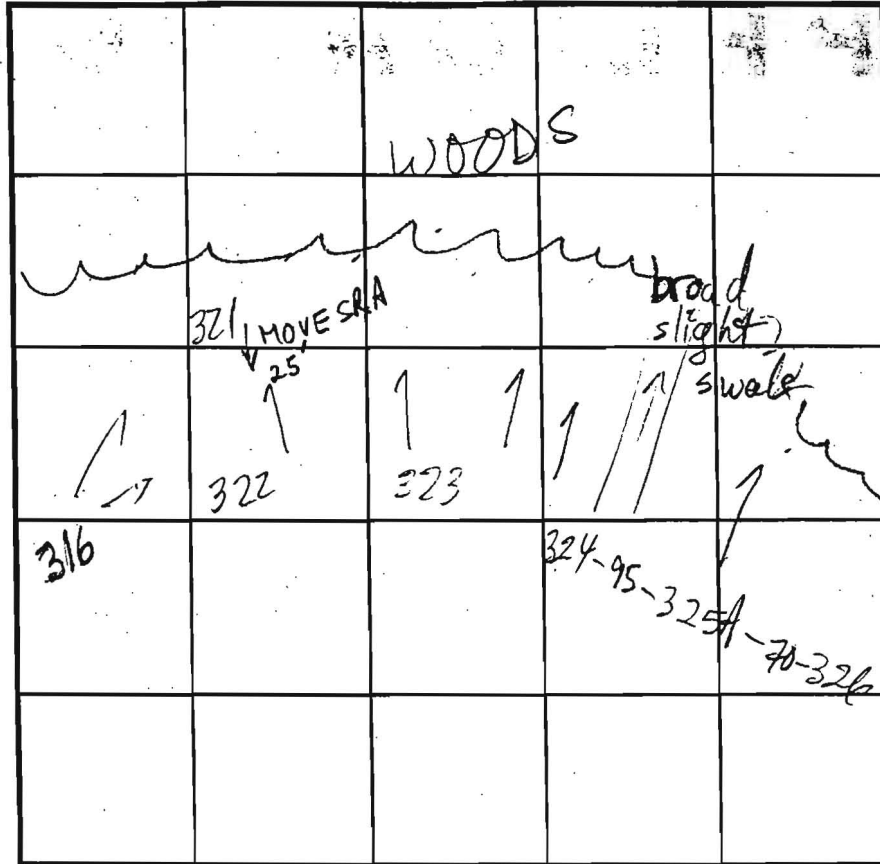
316
 brn red
 cl / m
 5-20% frags
 4 gray wh. sand
 20-25% fr
 6 brn tan sa / m
 10 15-20% fr
 14 brn tan sa / m
 10-15% fr

321

brn tan sacl / m
 tan gray wh sa
 25 20% frags
 10 tan sa / m
 15-20% fr
 13 1/2 - ARD LOT

322

brn sacl / m
 10-35% frags
 4 1/2
 brn sa / m
 10-35% frags
 13 HART. ENT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

322
 brn sacl / m
 3 3/2
 tan gray sa
 35-40% frags
 10-15% frags
 15% frags
 20-25% frags
 324 325A
 brn sacl / m
 15% frags
 32 1/2
 brn tan gray sa / m
 10-15% frags
 13 1/2
 14

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 3/4' / 13 1/2	11:22	11:24	11:24	11:27	3	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 Kiflin

ALSO PRESENT Chuck Crow Mike's crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

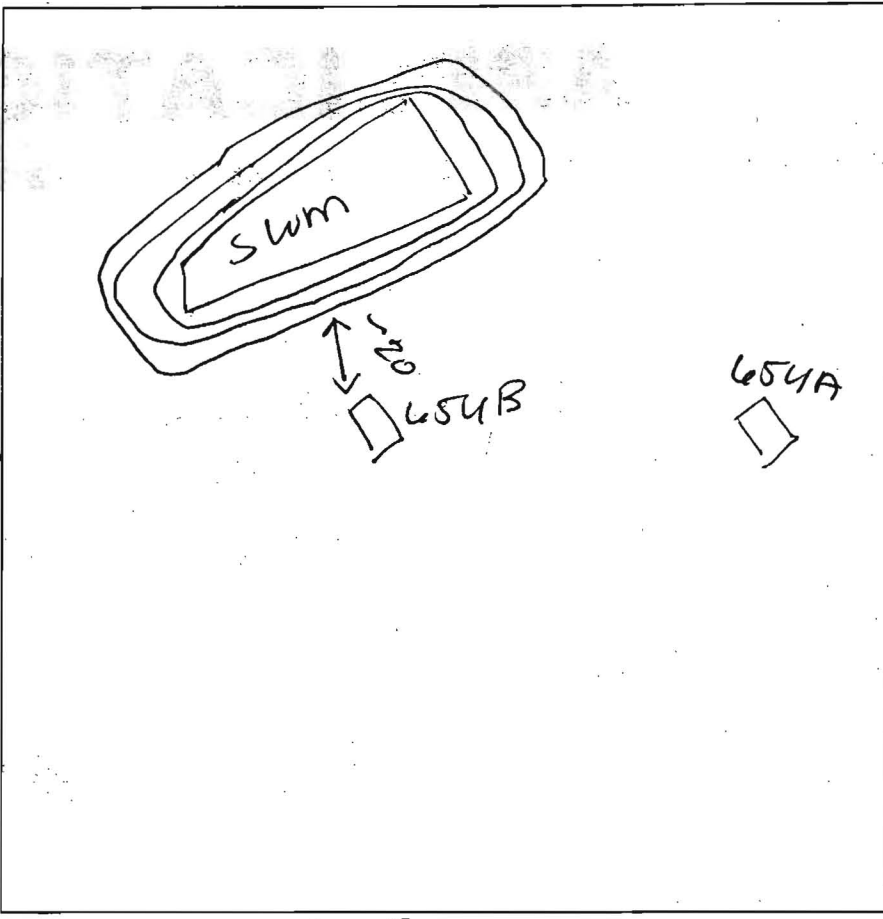
MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

AP 515042

654A

RD Brn
SCL
micaeous
2'-4' - Shale vein
5' Brn
FSL
micaeous
str. con.
Saprolite
7' Brn SL
HB
11'



654B

Brn L
micaeous
2' MSBK
RD Brn
30% CB CL
5' Brn FSL
30% micaeous
CB Saprolite
7' RD Brn
SL micaeous
12'

Fox River

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/20/07	654A	5.5' / 11'	10:13				Pulled slow
		6.5' / 11'	10:42	11:03	11:32	29	P
	654B	5' / 12'	10:31				Pulled slow
		6.5' / 12'	11:18	11:22	11:29	7	P

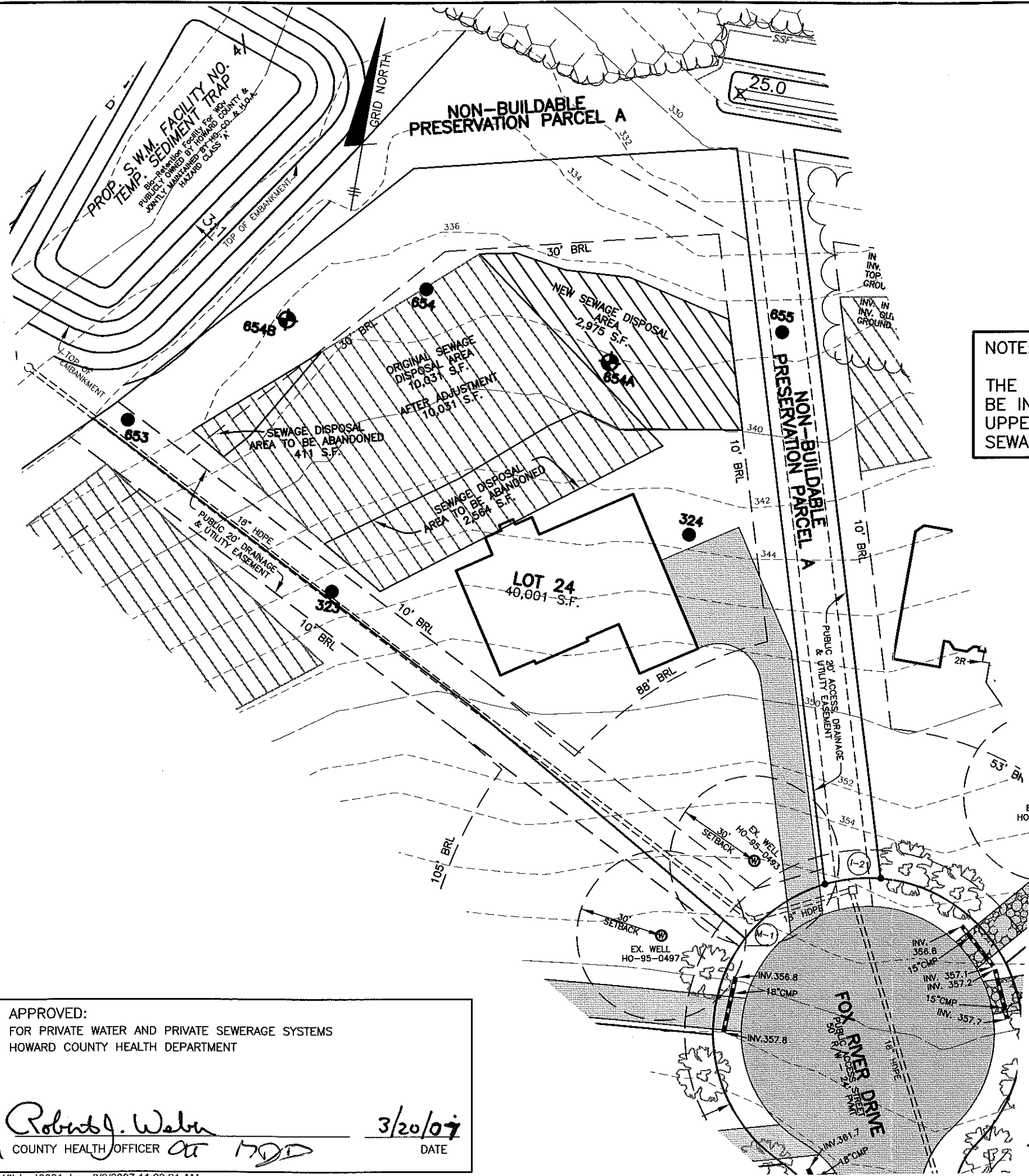
REMARKS Lot 24

SANITARIAN at BACKHOE Fogles OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Starts
@ 7'



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON 12-13-05 AS PLAT NUMBER 17888. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. THE EXISTING WELL (TAG NO. HO-95-0493) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 9-7-2006 AND IS ACCURATELY SHOWN.
4. ANY CHANGES TO THE PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

NOTE:
THE INITIAL SEPTIC SYSTEM MUST BE INSTALLED IN THE UPPERMOST PORTION OF THE SEWAGE DISPOSAL AREA.

LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-05-031
- FIELD SURVEYED WELL LOCATION
- PASSED PERC HOLE PER SP-02-013
- FAILED PERC HOLE PER SP-02-013
- PASSED PERC HOLE FEBRUARY, 2007

APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Robert J. Weber
COUNTY HEALTH OFFICER *at* *17DD*

3/20/07
DATE

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644
www.bei-civilengineering.com

BUILDER: TOLL MD III LIMITED PARTNERSHIP
7164 COLUMBIA GATEWAY DRIVE
SUITE 230
COLUMBIA, MARYLAND 21046
410-872-9105

**HOMEWOOD CROSSING
LOT 24**

11546 FOX RIVER DRIVE
TAX MAP 29, GRID 9 - PARCEL 28
3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

**REVISED
PERCOLATION CERTIFICATION PLAN**

DATE:	MARCH 5, 2007	PROJECT NO.	1913
SCALE:	1" = 40'	DRAWING	1 OF 1