

2/25/03
9:00

APPLICATION

PERCOLATION TESTING

A518578-C

3/17/03 PERC FOR
ONE LOT w/
PROP. SDA
ADJ. TO DRIVER RD

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 3/17/03

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 Joseph P. Crosby, Jr

ADDRESS 835 DRIVER RD. MARIOTTSPURGE, MD 21044 PHONE 410-442-1604

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION CROSBY MUDOR SUBDIVISION LOT NO. NEW SFD #2 PROPOSAL C

ROAD AND DESCRIPTION _____

TAX MAP 5 PARCEL # 22

SIZE OF LOT 3ACRES TYPE BLDG. NEW SFD
(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.

(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

APPLICATION

PERCOLATION TESTING

A 57081

P _____

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

*PREVIEW OK
PROPOSED SUBDIVISION
- EXISTING HOUSE HAS
VALID EASEMENT
FROM 1973
- TEST NEW LOT ONLY
(CW)*

DISTRICT _____

DATE 8/20/96

*19000 ESTABLISHED
BUT NOT DESIGNATED*

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 Joseph P. Crosby, Sr

ADDRESS 835 DRIVER ROAD PHONE 410-442-1604

AGENT OR PROSPECTIVE BUYER SAME

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # Libec 232 Folro 489

SIZE OF LOT 3 Acres Plus TYPE BLDG. SINGLE FAMILY DWELLING
(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.

APPROVED BY Joseph P. Crosby (SIGNATURE OF APPLICANT)
existing house is sited exactly where shown on previous perc test notes and stated by Surveyor precisely to an original perc plat for owner's 5th lot in field #10 9/9/96
DATE 8/19/96

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS Needs further testing in wet season + reconfigure away from one deep clay hole

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

A67081

COUNTY #

SOIL PROFILE

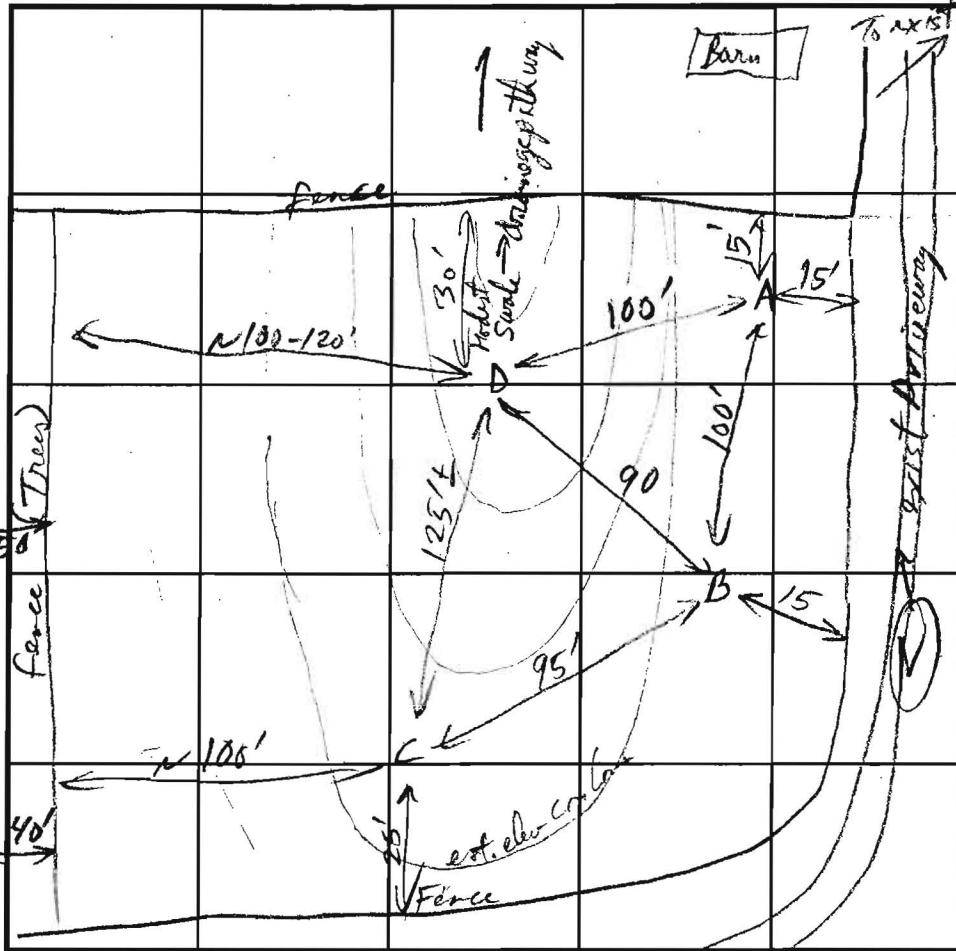
0'
5-18'
2'
Str Brn loam
dark Brn SL
Mix of green, dark grey and tanned pale tan LS-S

dark Brn
yell Brn - Str Brn
hL-CL

8'
10'
12 1/2'
13'
Mix dark grey + Brn E
40% pale cream LS-S wet
water
Bottom 13'

1'
3'
5'
Str Brn loam
Red Brn L - hLam 3'
Mix of green + Brn SL
dark grey + cream colored LS-S

10'
12'
12'
dark grey dark Brn + pale cream + orange
w/ 1/2" sand
Mix color LS-S
water
Bottom 12 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

used owner's top watch -

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/9/96	A	4'	10:00	1:18	1:18	2:40	1m 20s
"	"	12 1/2'	0:00	1:22	1:22	3:42	2m 20s
"	B	5 1/2'	1:04	39:00	pulled	water level just below ht. Mast @	Too Slow - Fail
"	"	13'	day soils to 8 ± ft - water seeps @ 12 1/2 ft / day soils to 8 ± ft.				
2/3/99	C	Water @ 11' wet at 10'					
9/9/96	C	4'	8:42 16:00	9:50 17:15	9:50 17:15	10:42 19:15	2 min
"	"	12 1/2'	water @ 12, wet soils > 10'				
"	D	5'	26:34 22:09	28:00 23:00	28:00 23:00	30:00 24:00	2 min
"	"	12 1/2'	water @ 12, wet below 7-10'				
2/3/97	D	12 1/2'	water @ 12, wet			9:40'	

REMARKS water tables observed in 3 of 4 holes - Soils suggest W.T. higher in wet season and one of 4 is deep clay + W.T. - Suggest Retest in wet season and try higher landscape protection

TYPE OF SOIL 6 layers

TESTED BY R. P. Pichler ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 18" (Rally for body 3')

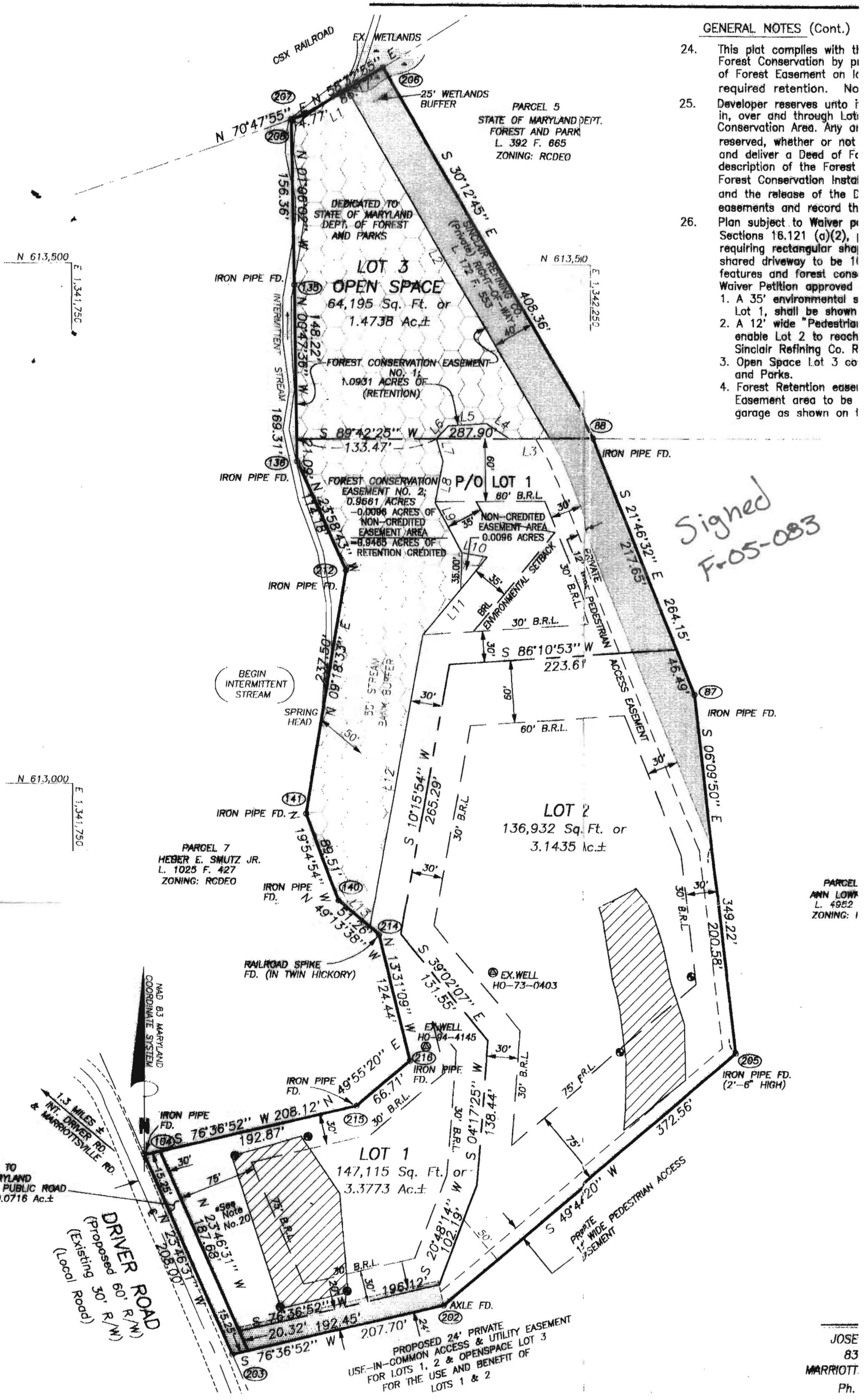
INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM 180

3' stone

Plan
D
Top soil
dark Brn L 1 1/2 East
Str Brn - yel Brn 4 1/2
hL Mast
dark grey
Trace cream from
LS-SL
Curl point - well
water
Bottom 12 1/2'

GENERAL NOTES (Cont.)

24. This plat complies with the Forest Conservation by product of Forest Easement on the required retention. No
25. Developer reserves until in, over and through the Conservation Area. Any all reserved, whether or not and deliver a Deed of Forest Conservation Install and the release of the E easements and record the Plan subject to Waiver of Sections 18.121 (a)(2), requiring rectangular shared driveway to be 11 features and forest conservation Waiver Petition approved.
 1. A 35' environmental easement Lot 1, shall be shown
 2. A 12' wide "Pedestrian" enable Lot 2 to reach Sinclair Refining Co. R
 3. Open Space Lot 3 and Parks.
 4. Forest Retention easement Easement area to be garage as shown on 1
- 26.



PARCEL ANN LOWE L. 49E2 ZONING: 1

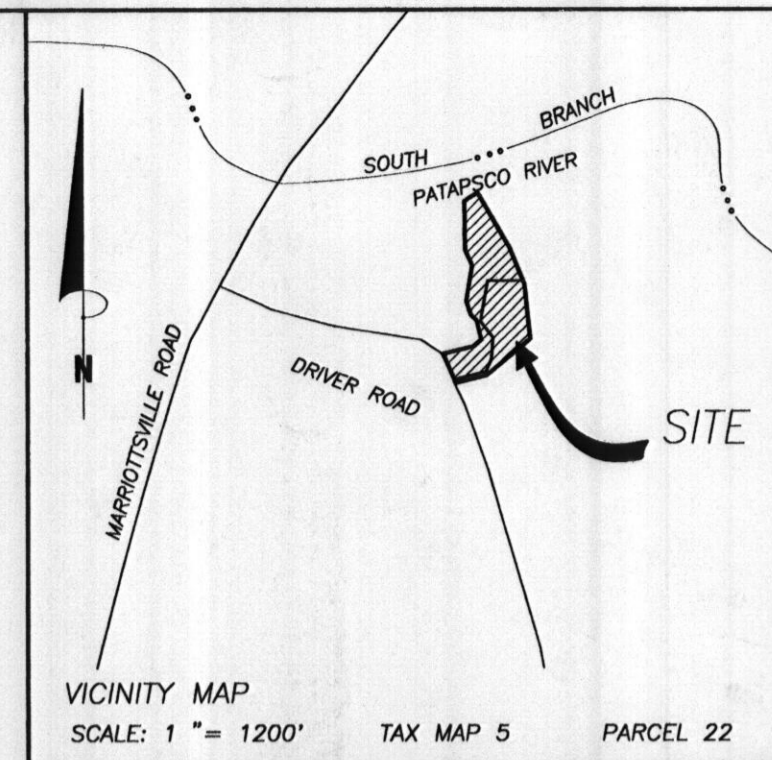
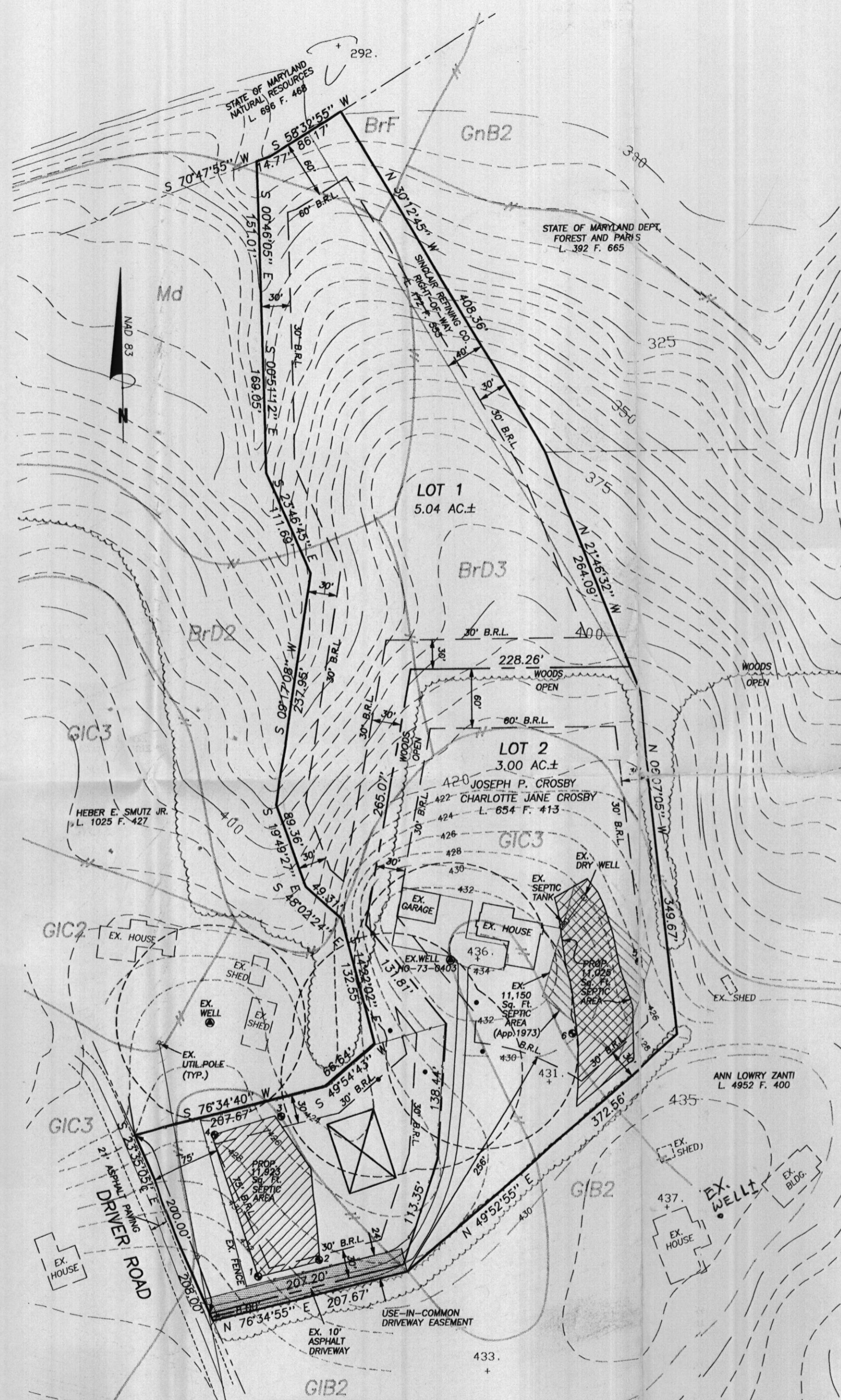
PARCEL 7
HEBER E. SMUTZ JR.
L. 1025 F. 427
ZONING: RCDEO

PARCEL 5
STATE OF MARYLAND DEPT.
FOREST AND PARKS
L. 392 F. 665
ZONING: RCDEO

PROPOSED 24' PRIVATE
USE-IN-COMMON ACCESS & UTILITY EASEMENT
FOR LOTS 1, 2 & OPENSOURCE LOT 3
FOR THE USE AND BENEFIT OF
LOTS 1 & 2

Signed
F-05-083

JOSE
83
MARRIOTT
Ph.



GENERAL NOTES:

- OWNERS: JOSEPH P. CROSBY
CHARLOTTE JANE CROSBY
DEED REFERENCE: LIBER 654 FOLIO 413
DATE: SEPTEMBER 14, 1973
GRANTOR: EDWARD W. TWINING
- TAX MAP: 5 GRID: 22 PARCEL: 22
- NEAREST POTABLE WATER SUPPLY: SYKESVILLE
DISTANCE: 3.5 MILES ±
- THERE IS NO FLOOD HAZARD (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL # 240044 0005 B, REVISED DECEMBER 4, 1986 & # 240044 0010 B, REVISED DECEMBER 4, 1986
- TOPOGRAPHY: HOWARD COUNTY DATUM
CONTOUR INTERVALS ARE AT 5 FEET.
TOPOGRAPHY: (PROPOSED SEPTIC AREAS)
FIELD RUN BY VANMAR ASSOC.
CONTOUR INTERVALS ARE AT 2 FEET.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
- THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-73-0403, HO-(NO TAG) HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
- SOIL TYPE: (BrF, BrD2, BrD3, GIB2, GIC3, Md)
HOWARD COUNTY SOILS MAP No. 21.
- ZONING DISTRICT: RCDEO
- Ex. septic area on lot 2 to be abandoned.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL.

IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

EXISTING PERCOLATION TEST SITE:

PROPOSED PERCOLATION TEST SITE:

FAILED PERCOLATION TEST SITE:

EXISTING WELL:

PROPOSED HOUSE SITE:

PROPOSED WELL SITE:

DATE	REVISIONS
10/9/03	per comments 10/2/03
11/25/03	per comments 11/25/03

PERCOLATION CERTIFICATION PLAN
CROSBY PROPERTY

PC518578 LIBER 654 FOLIO 413
SITUATED ON DRIVER ROAD
ELECTION DISTRICT No. 3
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' SEPTEMBER, 2003



I HEREBY CERTIFY THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
I FURTHER CERTIFY THAT THE PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED IF EXISTING AND ACCURATELY STAKED IF PROPOSED AND SHOWN HEREON.

OWNER:
JOSEPH P. CROSBY
835 DRIVER ROAD
MARRIOTTSVILLE, MD 21104

Sourabh Munshi 11/26/03
SOURABH G. MUNSHI, PROF. L. S., MD. REG. # 10770 DATE

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

Penny K... 12-1-03
HOWARD COUNTY HEALTH OFFICER HR DATE

Signed