

APPLICATION

PERCOLATION TESTING

A 515243

P _____

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

DISTRICT FOURTH

DATE MAY 10, 2001

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 KENNETH DALY work

ADDRESS 3274 JONES ROAD WOODBINE MARYLAND 21797 PHONE 410-489-4511 410-442-1330

AGENT OR PROSPECTIVE BUYER BARBARA FLOYD XO

ADDRESS 3268 JONES ROAD WOODBINE MARYLAND 21797 PHONE 410-442-1330 Ext 3299

PROPERTY LOCATION:

SUBDIVISION FLOYD PROPERTY LOT NO. 3

ROAD AND DESCRIPTION 600'± NORTH OF THE INTERSECTION OF HIPSLEY MILL ROAD AND JONES ROAD

TAX MAP 20 PARCEL # 37

SIZE OF LOT 1.16 ACRES ± 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. Charles J. A.
(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' 110
 med brn
 sil m
 1 1/2
 2 1/2
 3
 damp pink
 yel si
 sa m
 15-25%
 shale
 7 1/2
 HARD
 BOT

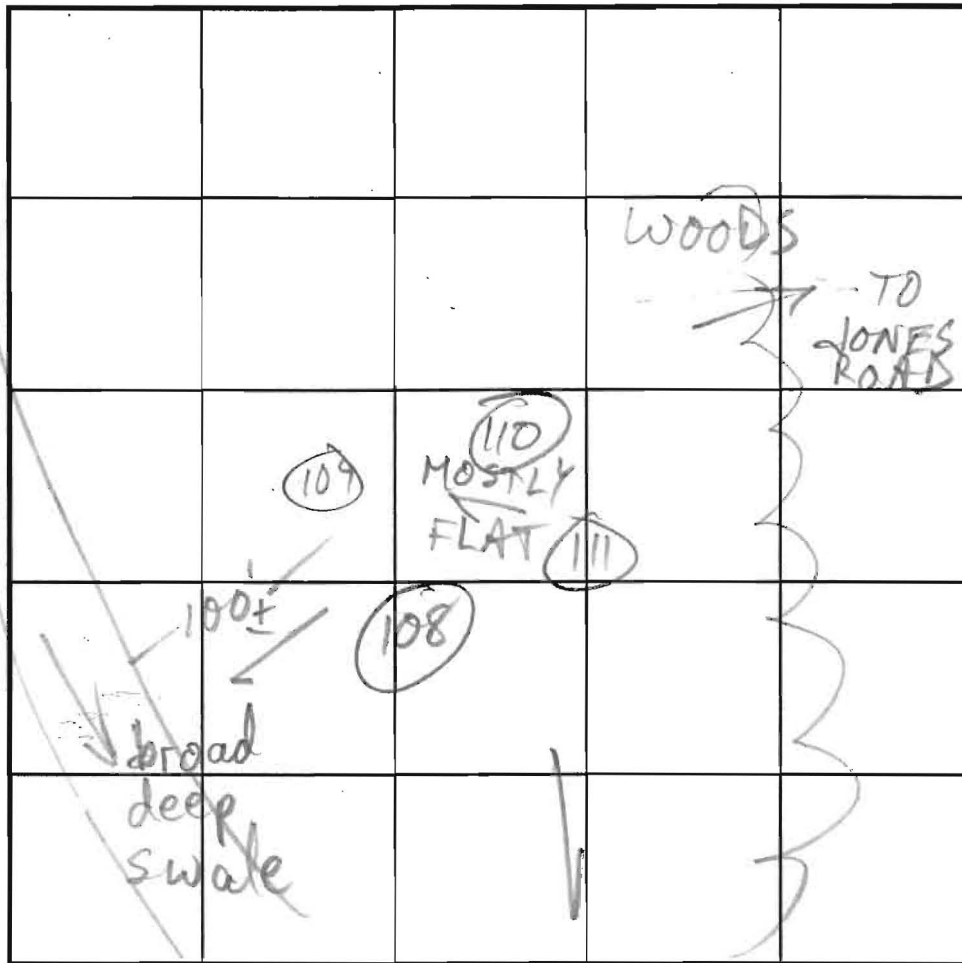
109

brn
 or ge
 sil m
 40-30%
 shale

7
 4
 tan sa m
 25-45%
 struc.
 frags
 HARD
 BOT

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	
6/27/01	110	3 1/2	10:57	11:12	2 1/2"	FAIL	8
			10:57	11:02	11:02	11:10	
	110	7 1/2	FAIL	INSUFF DEPTH TO R ₁			
	109	7	FAIL	INSUFF DEPTH TO R ₁			
	111	2 1/2	REFUSAL -		FAIL		
	108	3 1/2	REFUSAL -		FAIL		

REMARKS _____

TYPE OF SOIL _____

TESTED BY M.R. ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 515243

P _____

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

DISTRICT Fourth

DATE MAY 10, 2001

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 KENNETH DALY

ADDRESS 3274 JONES ROAD WOODRIDGE MARYLAND 21797 PHONE 410489-4511

AGENT OR PROSPECTIVE BUYER BARBARA FLOYD

ADDRESS 3262 JONES ROAD WOODRIDGE MARYLAND 21797 PHONE 410442-1330 EXT. 3299

PROPERTY LOCATION:

SUBDIVISION FLOYD PROPERTY LOT NO. 2

ROAD AND DESCRIPTION 600'± NORTH OF THE INTERSECTION OF HIPSLEY MILL ROAD AND JONES ROAD

TAX MAP 20 PARCEL # 37

SIZE OF LOT 1.316 ACRES ± 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.

Barbara Floyd
(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

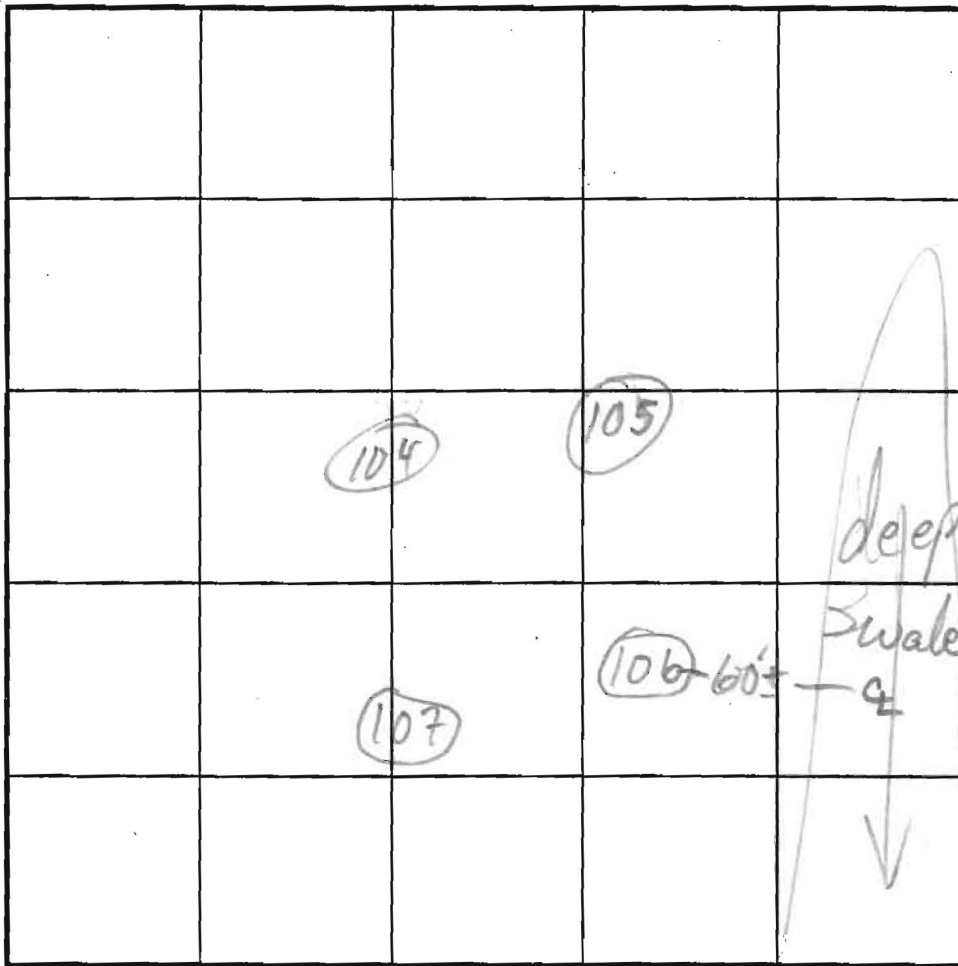
0' 107
 brn orge
 sic l/m
 2 orge tan
 yel
 sa l/m
 10-15%
 shale
 6 20-25%
 shale
 8 SEMI-
 HARD

106

brn
 red
 orge
 cl l/m
 6- 15% shale
 6 1/2 red pink
 si l/m
 20%
 shale
 8 SEMI-
 HARD

105 104

brn red
 sic l/m
 4- 15-20%
 4 1/2 shale
 tan yel
 si l/m
 20-25%
 shale
 8- 1/2 HARD



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	
6/27/01	107	3/8	11:59	12:02	12:02	12:07	5
	107	5	11:59:00 12:03:30	12:00:00 12:05:30	12:00:00 12:05:30	12:01:40 12:07:30	1-40 2
	106	5/8	12:25	12:41	1/2"	FAIL	
	105	3	1:10	1:25	1/2-3/4"	FAIL	
	105	5 1/2	12:56	1:03	1:03	1:16	13
	104	3 1/2" / 8 1/2"	1:35	1:50	3/4"	FAIL	

REMARKS HOLES PER PLAN, IN DENSE WOODS

TYPE OF SOIL _____

TESTED BY M.R. ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 515243

P _____

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

DISTRICT FOURTH

DATE MAY 10, 2001

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 KENNETH DALY

ADDRESS 3274 JONES ROAD WOODBINE MARYLAND 21797 PHONE 410-489-4511

AGENT OR PROSPECTIVE BUYER SAME AS OWNER

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION FLOYD PROPERTY LOT NO. 4

ROAD AND DESCRIPTION 600'± NORTH OF THE INTERSECTION OF HIPLEY MILL ROAD AND JONES ROAD

TAX MAP 20 PARCEL # 37

SIZE OF LOT 18.42 ACRES ± TYPE BLDG. EXISTING 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.

Charles J. D.
(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'

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	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

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 Kenneth Daly

ADDRESS 3274 Jones Road PHONE _____

AGENT OR PROSPECTIVE BUYER Barbara Floyd (daughter)

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. EX. SFD

ROAD AND DESCRIPTION 3274 Jones Rd

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ 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.

(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

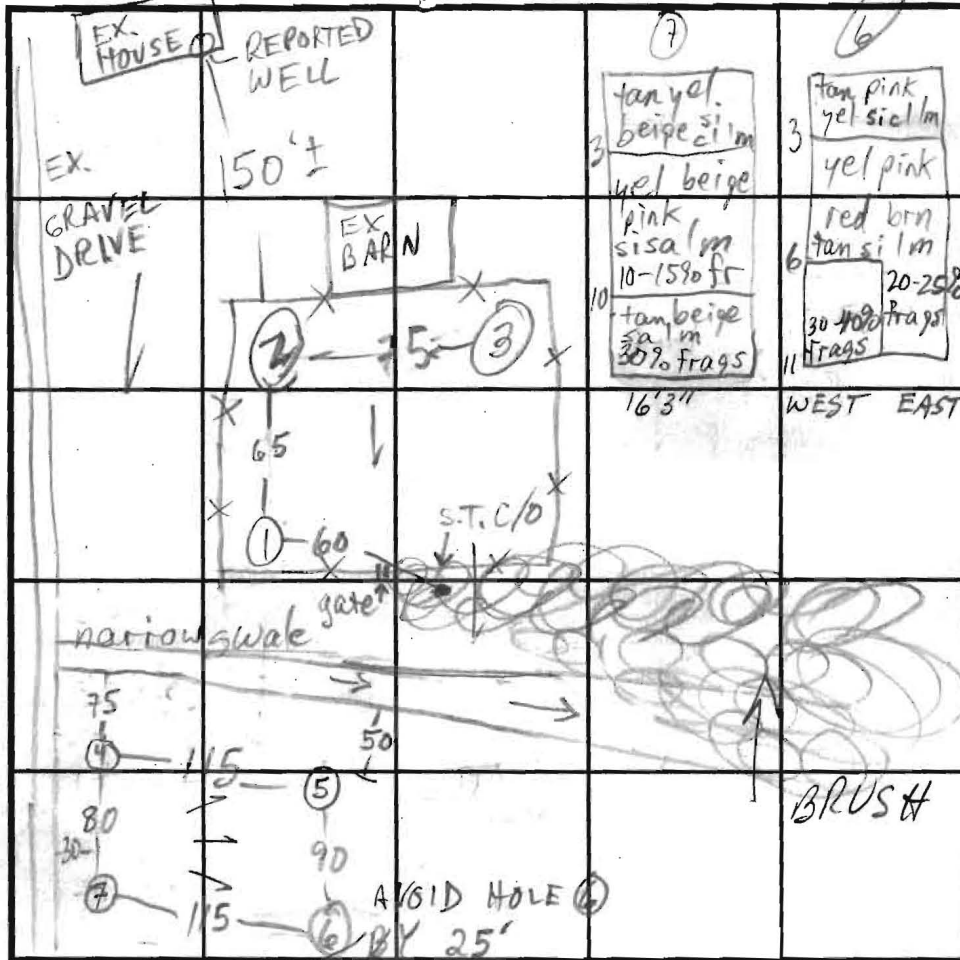
COUNTY #

SOIL PROFILE

0' heavy orge cl
 32' pink sil m
 4 1/2' tan brn sil m
 15-20% frags
 8' gray mottled sil m
 10'

2' brn orge sil m
 1/2' pink sil m
 4' tan yel beige sil m
 15-25% frags
 ↑ w/ depth mottled?

3' brn tan cl m
 4' yel/gray sa m
 6' yr yel mottled beige sa m
 10 1/2' 25-30% frags



SOIL PROFILE

0' 4' med. orge sil m
 3 1/2' tan yel beige silt
 8' sil m
 10-20% fr
 8' platy shale
 25%
 10 1/2' 10-15% frags
 11'9"

5' brn orge sil m
 5-15% frags
 2 1/2' tan yel brown beige sil m
 15-20% frags
 12'9"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

JONES ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/20/01	1 V	10	FAIL		MOTTLED @ 8'		
	2 V	11	QUESTIONABLE		SOILS		
	3 V	10 1/2	QUESTIONABLE		SOILS		
9/19/01	4 3/4 V	4'9" / 7'9" / 11'9"	11:49	11:52	11:52	12:01	9
			11:15	11:19	11:19	11:27	8
	5 5/4 V	3 3/4' / 7'9" / 12'9"	11:41	11:51	11:51	12:03	12
			11:39	11:40	11:40	11:43	3
	6 5 V	4	12:32	12:36	12:36	12:47	11
	6 V	11	OK see profile				
	7 5 V	3 1/2' - 4' / 16'3"	12:21	12:22	12:22	12:25	3
	7 5 2	4 OTHER SIDE	12:38	12:40	12:40	12:43	3 EST

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY M. Estkin ALSO PRESENT Fogle's, Mr. Daly
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 515243

P 516925

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

DISTRICT FOURTH

DATE MAY 10, 2001

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 KENNETH DALY

ADDRESS 3274 JONES ROAD WOODBINE MARYLAND 21797 PHONE 410-489-4511

AGENT OR PROSPECTIVE BUYER SAME AS OWNER

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION FLYNN PROPERTY LOT NO. 4

ROAD AND DESCRIPTION 600' ± NORTH OF THE INTERSECTION OF HIPPLEY MILL ROAD AND JONES ROAD

TAX MAP 20 PARCEL # 37

SIZE OF LOT 18.42 ACRES ± TYPE BLDG. EXISTING 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.

[Signature]
(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 _____

P _____

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

DISTRICT _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ 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.

(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' 8

orge yel
-red
silt

3-4

tan
gray silty
20-25%
frags
damp @
vkn. depth

1 1/2

9

orge
brn yel
silt

3-4

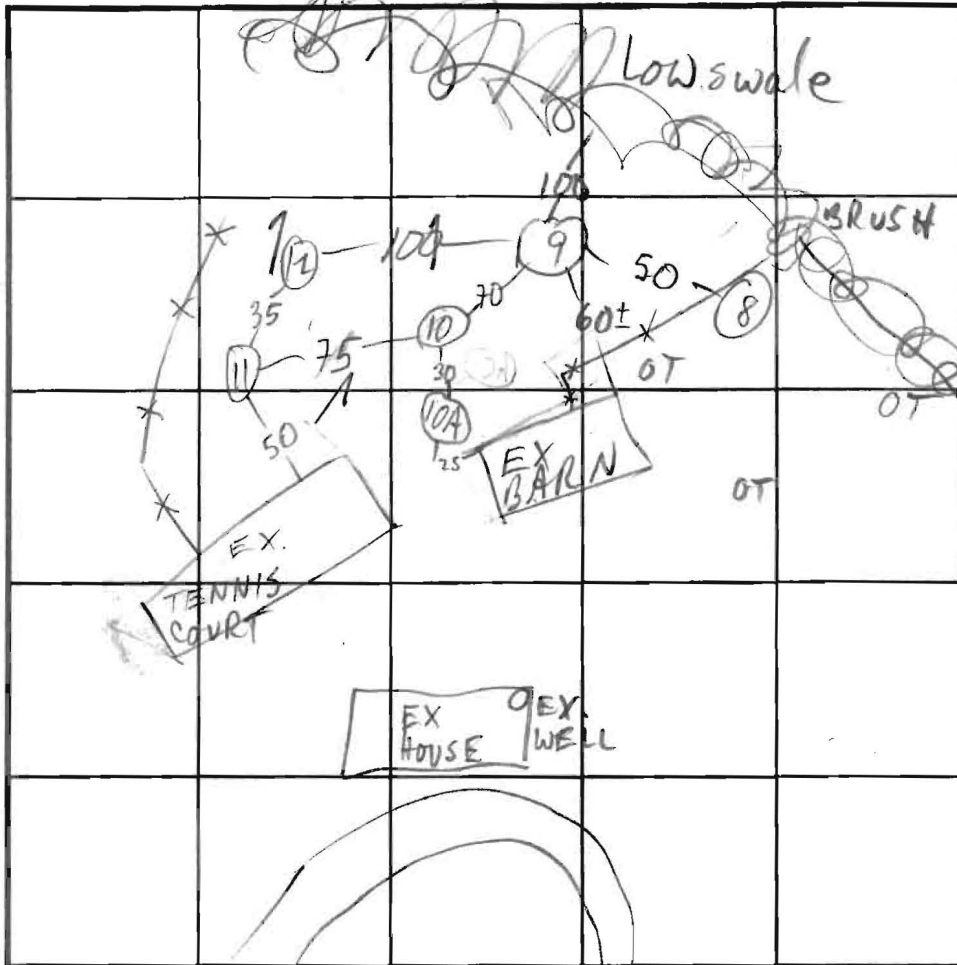
tan brn
silt
25%
frags
damp @
vkn. depth

1 1/2

10

brn orge
silt
25% frags
tan brn
sand
25-30%
soft + hard
shale
worse
downhill

10 1/2



SOIL PROFILE

0' 11 12

brn orge
silt
20% frags

2 1/2

tan brn
silt
20-25%
soft +
hard shale

11 3/4 - 11 1/2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. JONES RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/8/02	8	11 1/2	FAIL	- SUSPECTED	H ₂ O	TABLE	
	9	3'3" / 11 1/2	11:10	11:18	11:18	11:35	17
	10	4 / 10 1/2	10:59	11:02	11:02	11:10	8
	11	4 / 11 3/4	11:11	11:18	11:18	11:31	13
	12	3'9" / 11 1/2	11:32	11:37	11:37	11:45	8
	10A	6	40-50%	shale	FAIL		

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 9 TRENCH WIDTH 3

INLET DEPTH 2 1/2 MAXIMUM BOTTOM DEPTH 4 1/2 SQ. FT./BEDROOM 180



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

October 22, 2001

Mr. Kenneth Daly
3274 Jones Road
Woodbine, MD 21797

RE: **Percolation Test Results, A 515243**
Floyd Property (Four-Lot Subdivision)
Jones Road

Dear Mr. Daly:

Percolation testing conducted June 27, 2001 on the referenced property indicated unsatisfactory soil conditions due to shallow bedrock. Subsequent testing conducted August 20 and September 19, 2001 on the property indicated generally satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations and elevations of all excavated test holes
- 2) a suitable house and well site for each lot
- 3) two replacement well sites or approximately 1500 square feet of approvable well area for each lot
- 4) all existing wells and septic systems on the property
- 5) locations of any other relevant features such as streams, swales, or existing structures
- 6) a note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) a note indicating that topography in the vicinity of proposed sewage easements reflects field-matched information
- 8) a note stipulating that the existing septic system will be repaired prior to approval of the record plat

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

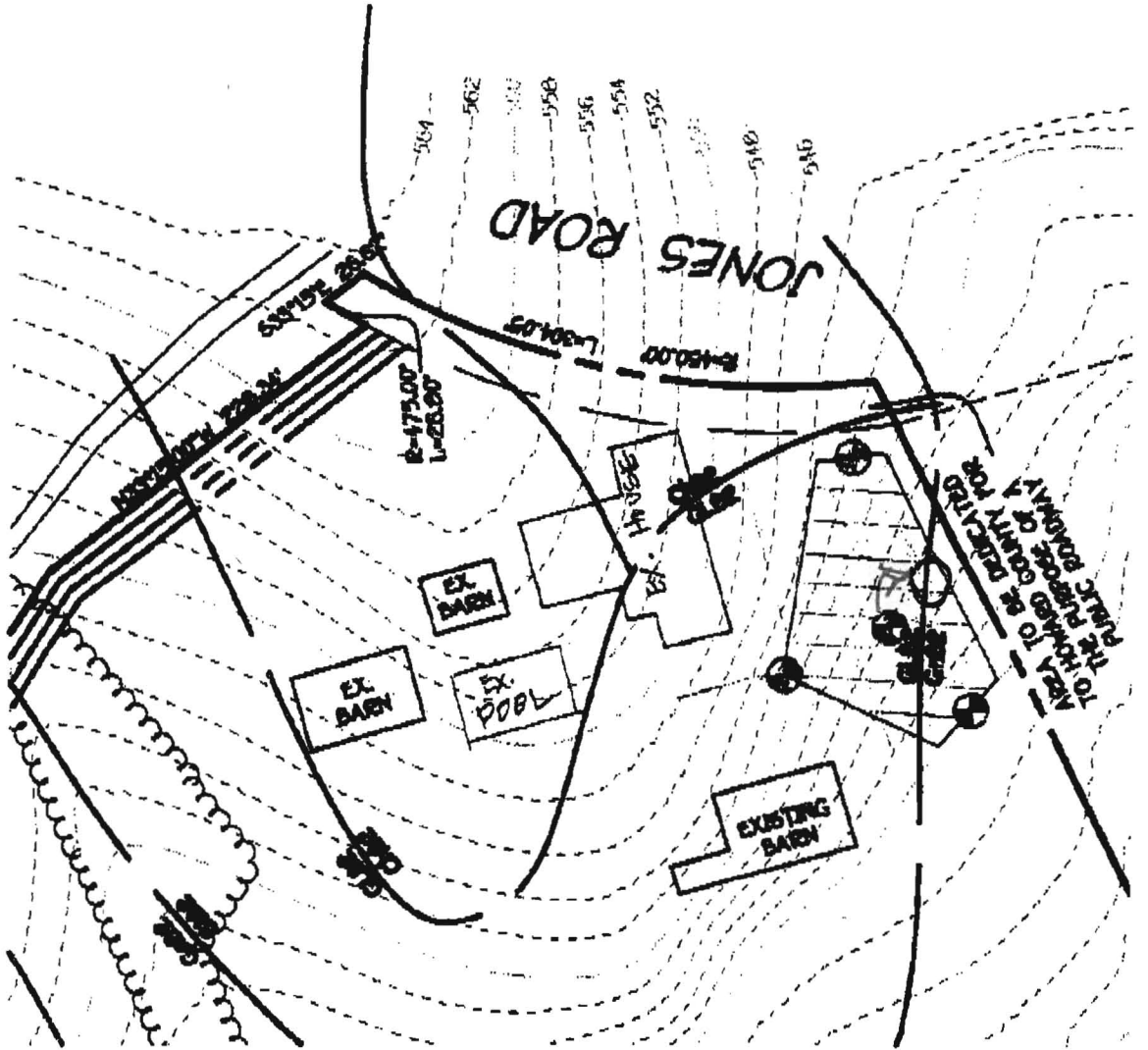
Very truly yours,

Mark E. Rifkin, R.S.
Water and Sewerage Program

MR
Enclosures
cc: Chuck Crovo (Fisher Collins and Carter)
File

3074P
REVISED P.L. COLLINS
DWG

T/C TO FCC
PROP.
9/5/07 SRA OK
SHOW WELL
HOUSE DIFF
THAN PREV (8/15)
SHOWN



SCALE: 1" = 100'



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

June 4, 2001

Ms. Barbara Floyd
3268 Jones Road
Woodbine, Maryland 21797

RE: **Percolation Test Date**
Application: A515243
Proposal: Subdivision
Property ID: Floyd Property, Lots 1 thru 4
Jones Road
Tax Map: 20 Parcel #37

Dear Ms. Floyd:

Percolation testing has been tentatively scheduled for the above referenced property for **Wednesday, June 27, 2001 at 10:00 a.m.** Please call this office at (410) 313-2640 to confirm your acceptance of these percolation test dates.

You shall be responsible for having a contractor on site to excavate the percolation test holes to a minimum depth of 14 feet. It is expected that all proposed percolation test holes shall be staked and excavated as approved on the recently submitted percolation test plan. Additional test holes may only be performed upon permission of the Health Department representative at the time of testing.

In the event of uncertain weather (i.e., precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results may be expected by mail two weeks after the completion of the percolation testing.

Thank you in advance for your cooperation in this matter.

Sincerely,

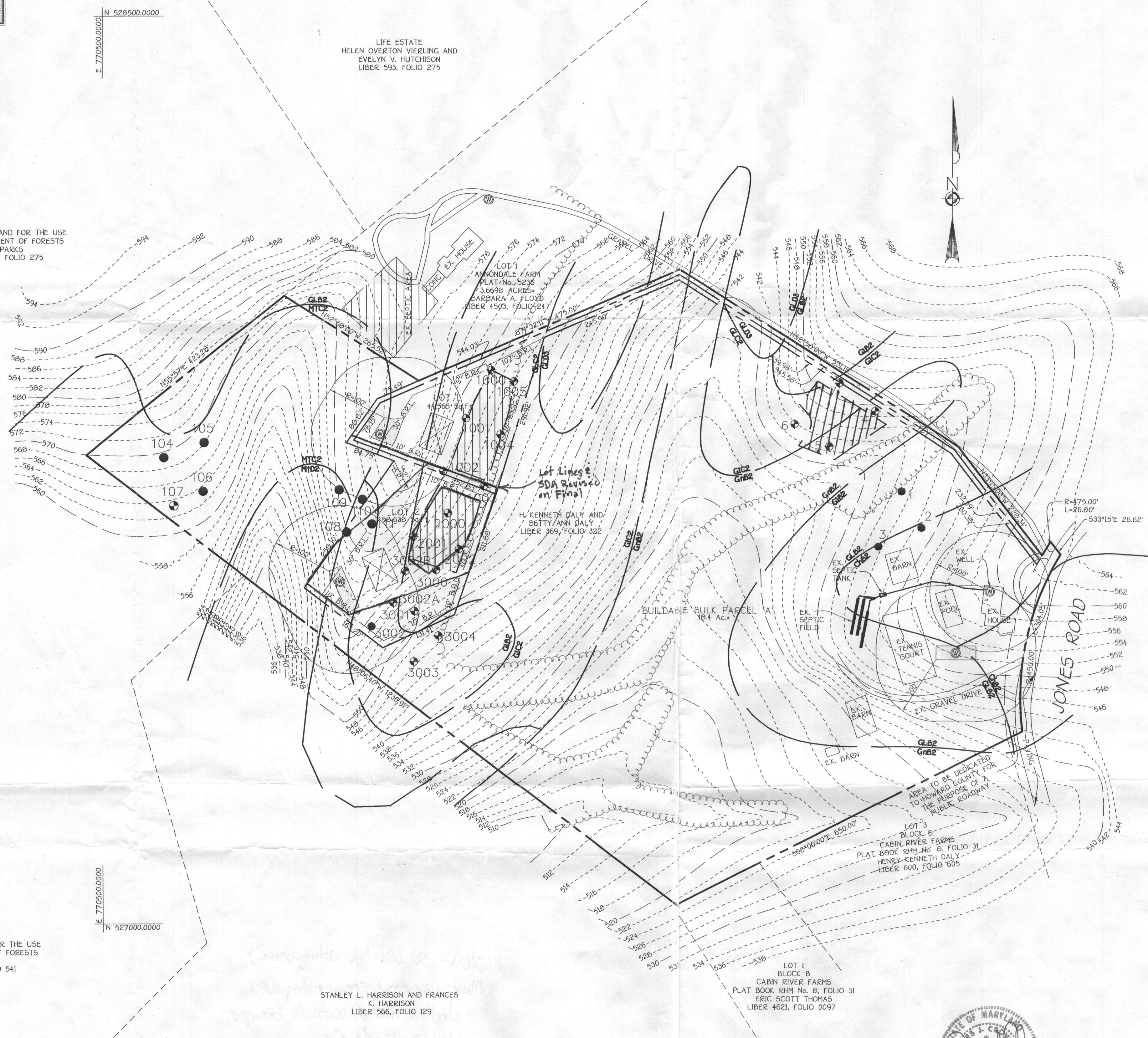
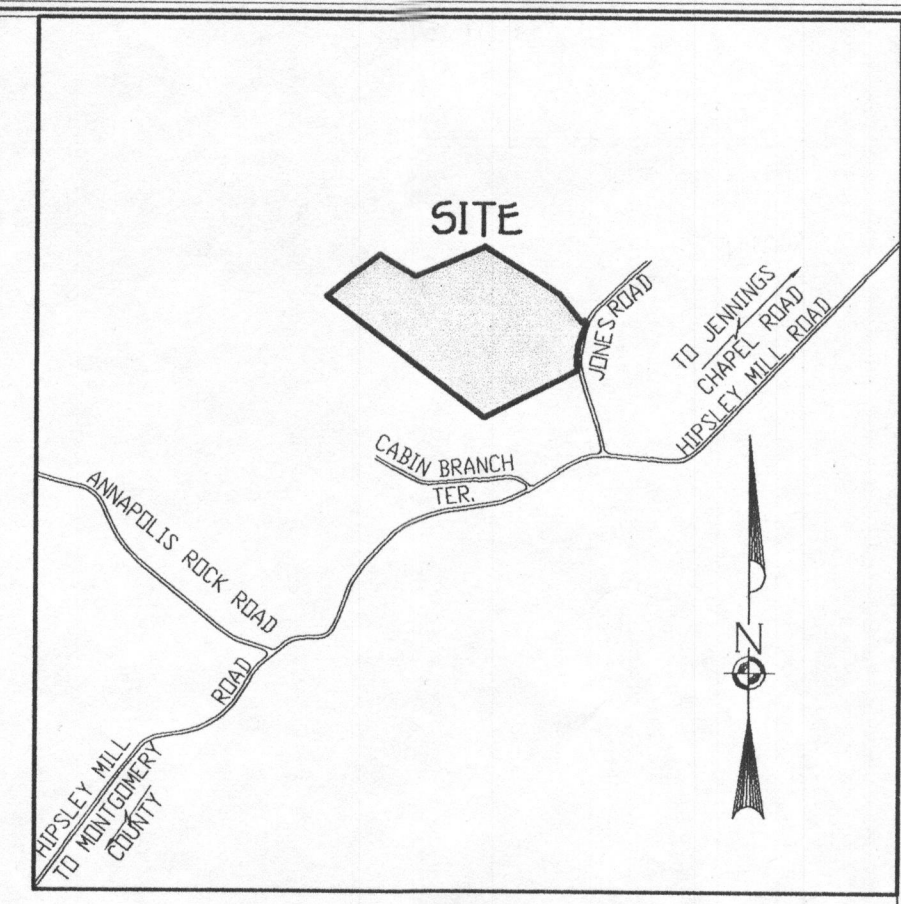
Donna K. Clark, R.S.
Water and Sewerage Program
DKC

cc: file

SOILS LEGEND

SOIL	NAME	CLASS
GlB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
MtC2	Mt. Airy channery loam, 8 to 15 percent slopes, moderately eroded	A
MtD2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A
GlB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GlD3	Glenelg loam, 15 to 25 percent slopes, severely eroded	B
*GrB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
GlC2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B
*GrB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE 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 A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ⊙ DENOTES WELL LOCATION.
- DENOTES PERC HOLE LOCATION. (PASSED)
- DENOTES PERC HOLE LOCATION. (FAIL)
- OWNER:
MR. & MRS. KENNETH DALY
3274 JONES ROAD
WOODBINE MD, 21797
- DEVELOPER:
MS. BARBARA FLOYD
3268 JONES ROAD
WOODBINE MD, 21797
410-442-1330 X3299
- TOPOGRAPHY IN THE VICINITY OF THE PROPOSED SEWER EASEMENTS REFLECTS FIELD-MATCHED INFORMATION.
- A NEW SEPTIC SYSTEM IN APRIL 2002 WAS INSTALLED FOR THE EXISTING HOUSE.
- THE WELL ON LOT 2 SHALL BE DRILLED PRIOR TO FINAL PLAT SIGNATURE.
- IF AND WHEN THE EXISTING BULK PARCEL BUILDABLE PARCEL A AREA WILL BE DRILLED AS SHOWN ON THE PLAN.
- PRIOR TO RECORDATION OF THE FINAL PLAT THE EXISTING WELL SHALL BE ABANDONED ON PARCEL A AND A NEW WELL SHALL BE DRILLED.

MINIMUM LOTS SIZE CHART

LOT No.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
1	49,646 Sq.Ft.±	8,178 Sq.Ft.±	42,939 Sq.Ft.±
2	70,542 Sq.Ft.±	11,904 Sq.Ft.±	43,929 Sq.Ft.±

SEWER DISPOSAL AREA SIZE CHART

LOT No.	SDA AREA	LOT No.	SDA AREA
1	10,259 Sq.Ft.±	'A'	10,108 Sq.Ft.±
2	10,519 Sq.Ft.±		

STATE OF MARYLAND FOR THE USE OF THE DEPARTMENT OF FORESTS AND PARKS
 LIBER 484, FOLIO 541

STANLEY L. HARRISON AND FRANCES K. HARRISON
 LIBER 566, FOLIO 129

LOT 1 BLOCK B CABIN RIVER FARMS
 PLAT BOOK 88M No. 8, FOLIO 31
 ERIC SCOTT THOMAS
 LIBER 4621, FOLIO 0097



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

Robert J. Walker
 COUNTY HEALTH OFFICER

11/18/05
 DATE

PERC CERTIFICATION
 I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Charles J. Crovo
 Signature of Professional Land Surveyor
 Charles J. Crovo, Professional Land Surveyor No. 10763

10/27/05
 Date

PERC CERTIFICATION PLAT FLOYD PROPERTY

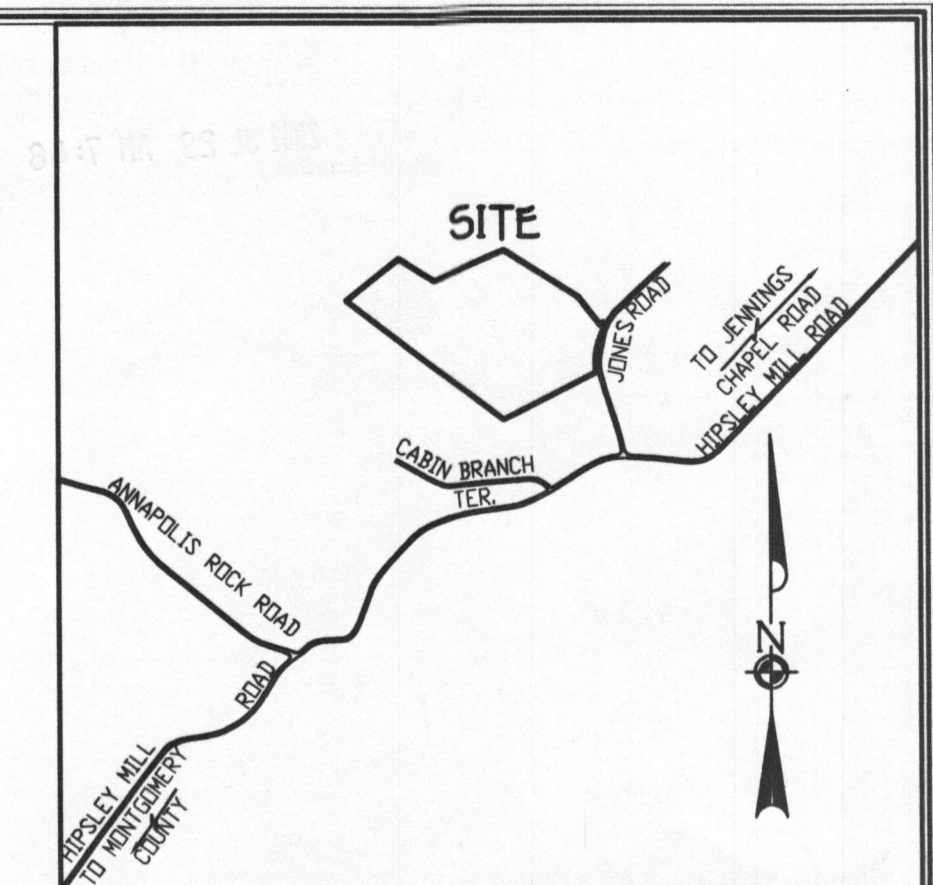
TAX MAP 20 ZONED: RC-DEO PARCEL: 37
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' DATE: APRIL 4, 2001
 REVISIONS:
 REVISION: JULY 7, 2001
 REVISION: OCTOBER 28, 2001
 REVISION: JULY 15, 2002
 REVISION: OCTOBER 24, 2005

SIGNED PERC CERT 11/18/05

SOILS LEGEND

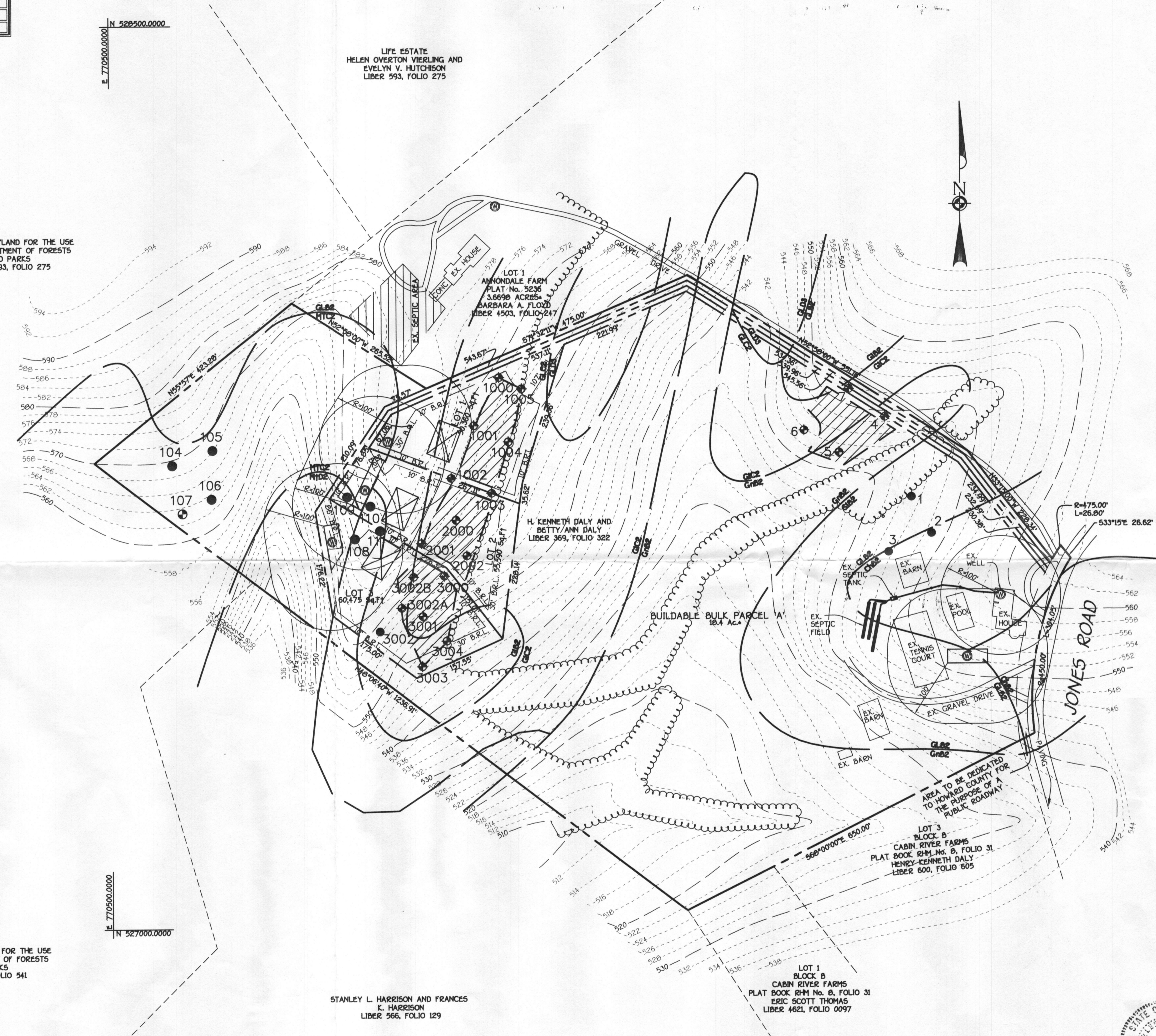
SOIL	NAME	CLASS
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
MFC2	Mt. Airy channery loam, 8 to 15 percent slopes, moderately eroded	A
MHD2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GD3	Glenelg loam, 15 to 25 percent slopes, severely eroded	B
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
GIC2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



VICINITY MAP
 SCALE: 1" = 1200'

STATE OF MARYLAND FOR THE USE OF THE DEPARTMENT OF FORESTS AND PARKS
 LIBER 593, FOLIO 275



GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE 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 A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ⊙ DENOTES WELL LOCATION.
- ⊕ DENOTES PERC HOLE LOCATION. (PASSED)
- ⊖ DENOTES PERC HOLE LOCATION. (FAIL)
- OWNER:
 MR. & MRS. KENNETH DALY
 3274 JONES ROAD
 WOODBINE MD, 21797
- DEVELOPER:
 MS. BARBARA FLOYD
 3268 JONES ROAD
 WOODBINE MD, 21797
 410-442-1330 X3299
- TOPOGRAPHY IN THE VICINITY OF THE PROPOSED SEWERAGE EASEMENTS REFLECTS FIELD-MATCHED INFORMATION.
- A NEW SEPTIC SYSTEM IN APRIL 2002 WAS INSTALLED FOR THE EXISTING HOUSE.

MINIMUM LOTS SIZE CHART

LOT No.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
1	50,999 Sq.Ft.*	7,960 Sq.Ft.*	42,999 Sq.Ft.*
2	54,992 Sq.Ft.*	11,063 Sq.Ft.*	43,929 Sq.Ft.*
3	60,475 Sq.Ft.*	12,047 Sq.Ft.*	48,428 Sq.Ft.*

SEWERAGE DISPOSAL AREA SIZE CHART

LOT No.	SDA AREA	LOT No.	SDA AREA
1	10,259 Sq.Ft.*	'A'	10,108 Sq.Ft.*
2	10,192 Sq.Ft.*		
3	11,432 Sq.Ft.*		

STATE OF MARYLAND FOR THE USE OF THE DEPARTMENT OF FORESTS AND PARKS
 LIBER 484, FOLIO 541

STANLEY L. HARRISON AND FRANCES E. HARRISON
 LIBER 566, FOLIO 129

LOT 1 BLOCK B CABIN RIVER FARMS
 PLAT BOOK 81M No. 8, FOLIO 31
 ERIC SCOTT THOMAS
 LIBER 4621, FOLIO 0097



REVISED
 JUL 25 2002

**PERC CERTIFICATION PLAT
 FLOYD PROPERTY**

TAX MAP 20 ZONED: RC-DEO PARCEL: 37
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' DATE: APRIL 4, 2001
 REVISED: JULY 7, 2001
 REVISED: OCTOBER 28, 2001
 REVISED: JULY 15, 2002
 PC 515243

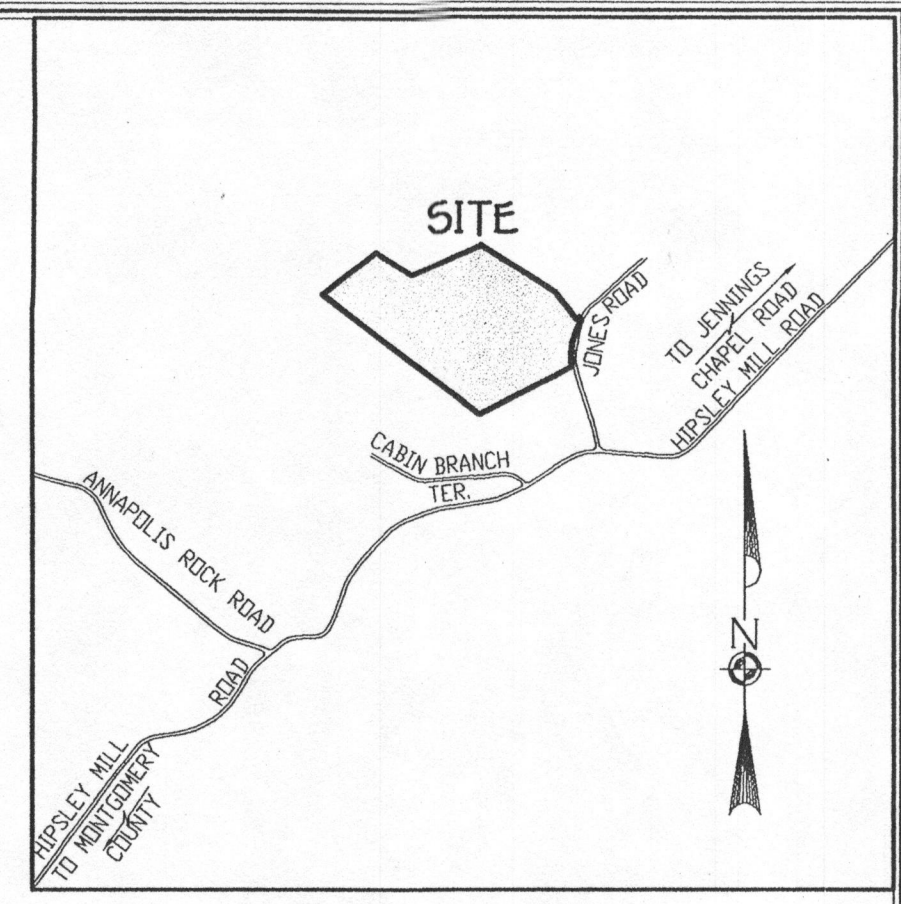
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER MR. DATE

PERC CERTIFICATION
 I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
 Signature of Professional Land Surveyor Charles J. Crovo, Professional Land Surveyor No. 10763 DATE

SOILS LEGEND

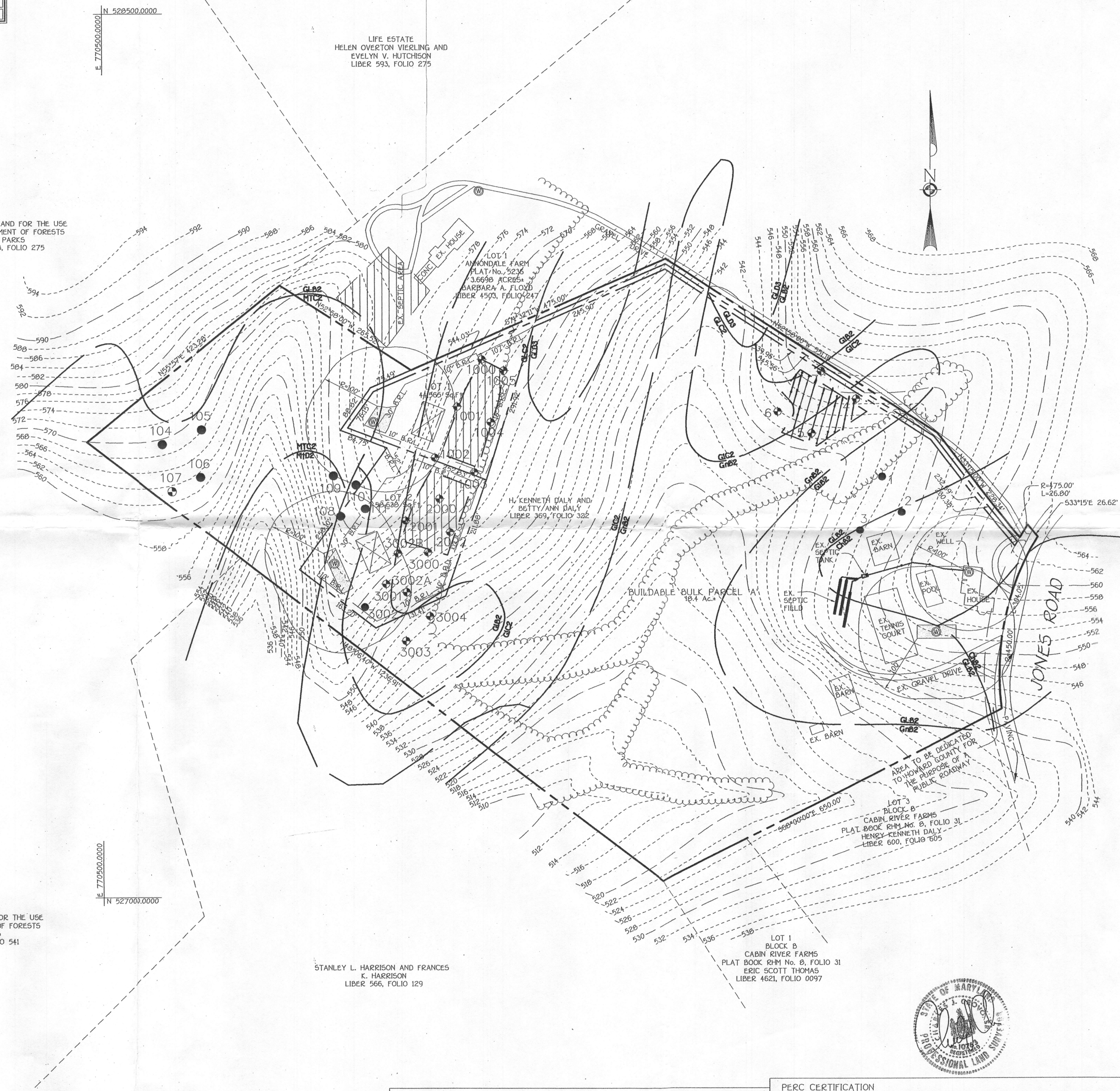
SOIL	NAME	CLASS
GIB2	Glenelig loam, 3 to 8 percent slopes, moderately eroded	B
M1C2	Mt. Airy channery loam, 8 to 15 percent slopes, moderately eroded	A
M1D2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A
GIB2	Glenelig loam, 3 to 8 percent slopes, moderately eroded	B
GID3	Glenelig loam, 15 to 25 percent slopes, severely eroded	B
*GIB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
GC2	Glenelig loam, 8 to 15 percent slopes, moderately eroded	B
*GIB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



VICINITY MAP
SCALE: 1" = 1200'

STATE OF MARYLAND FOR THE USE OF THE DEPARTMENT OF FORESTS AND PARKS
LIBER 593, FOLIO 275



GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE 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 A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ⊙ DENOTES WELL LOCATION.
- ⊙ DENOTES PERC HOLE LOCATION. (PASSED)
- DENOTES PERC HOLE LOCATION. (FAIL)
- OWNER:
MR. & MRS. KENNETH DALY
3274 JONES ROAD
WOODBINE MD, 21797
- DEVELOPER:
MS. BARBARA FLOYD
3268 JONES ROAD
WOODBINE MD, 21797
410-442-1330 X3299
- TOPOGRAPHY IN THE VICINITY OF THE PROPOSED SEWAGE EASEMENTS REFLECTS FIELD-MATCHED INFORMATION.
- A NEW SEPTIC SYSTEM IN APRIL 2002 WAS INSTALLED FOR THE EXISTING HOUSE.
- THE WELL ON LOT 2 SHALL BE DRILLED PRIOR TO FINAL PLAT SIGNATURE
- IF AND WHEN THE EXISTING WELL PITS ON LOT 2 ARE ABANDONED, THE WELL SHALL BE DRILLED AS SHOWN ON THE PLAN.
- PRIOR TO RECORDATION OF THE FINAL PLAT THE EXISTING WELL SHALL BE ABANDONED ON PARCEL A AND A NEW WELL SHALL BE DRILLED.

MINIMUM LOTS SIZE CHART

LOT No.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
1	49,646 Sq.Ft.*	8,178 Sq.Ft.*	42,999 Sq.Ft.*
2	70,542 Sq.Ft.*	11,904 Sq.Ft.*	43,929 Sq.Ft.*

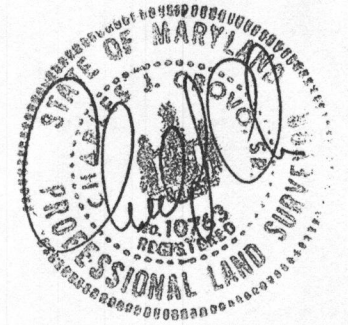
SEWAGE DISPOSAL AREA SIZE CHART

LOT No.	SDA AREA	LOT No.	SDA AREA
1	10,259 Sq.Ft.*	'A'	10,100 Sq.Ft.*
2	10,519 Sq.Ft.*		

STATE OF MARYLAND FOR THE USE OF THE DEPARTMENT OF FORESTS AND PARKS
LIBER 494, FOLIO 541

STANLEY L. HARRISON AND FRANCES K. HARRISON
LIBER 566, FOLIO 129

LOT 1 BLOCK B CABIN RIVER FARMS
PLAT BOOK 629 No. 8, FOLIO 31
ERIC SCOTT THOMAS
LIBER 4621, FOLIO 0097



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

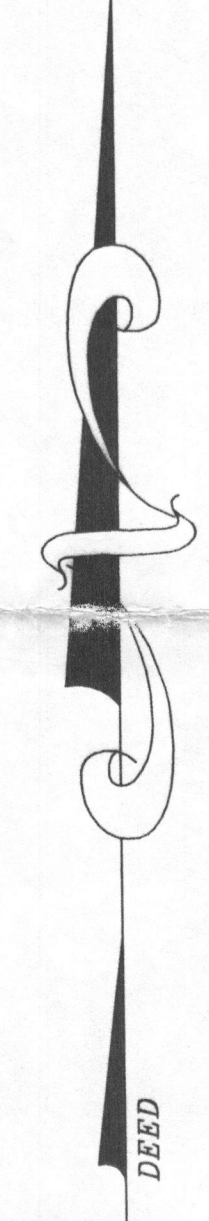
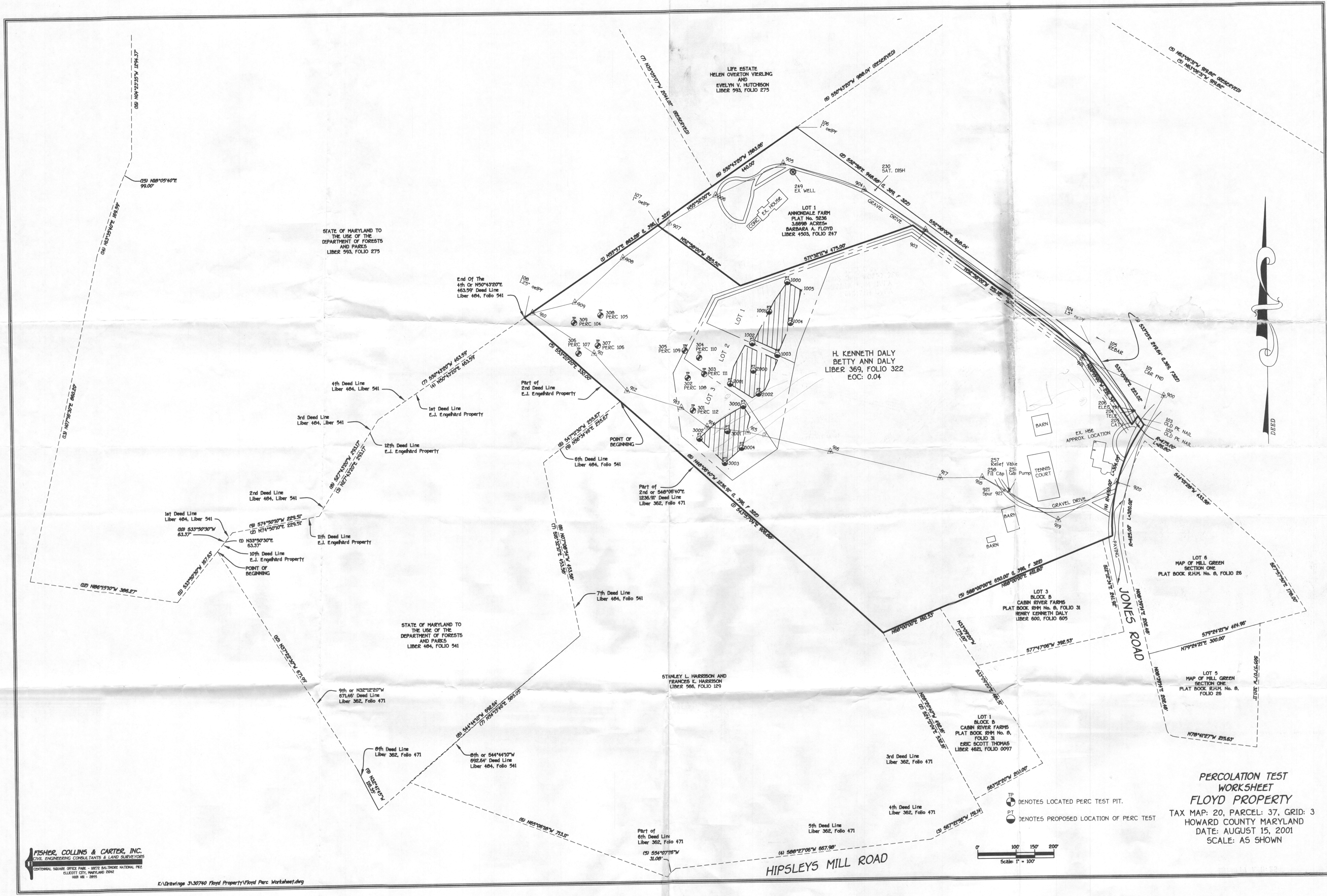
Robert Weber
COUNTY HEALTH OFFICER
DATE: 9/18/05

PERC CERTIFICATION
I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

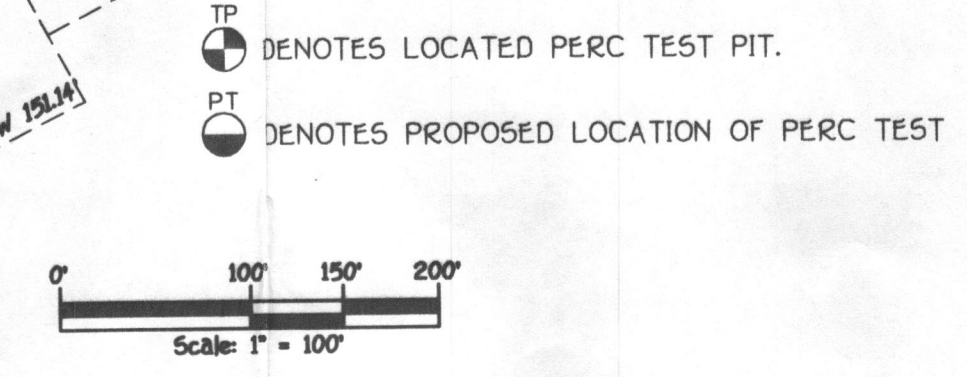
Charles J. Crovo
Signature of Professional Land Surveyor
Charles J. Crovo, Professional Land Surveyor No. 10763
DATE: 10/27/05

**PERC CERTIFICATION PLAT
FLOYD PROPERTY**

TAX MAP 20 ZONED: RC-DEO PARCEL: 37
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=100' DATE: APRIL 4, 2001
REVISED: JULY 7, 2001
REVISED: OCTOBER 28, 2001
REVISED: JULY 15, 2002
REVISED: OCTOBER 24, 2005



PERCOLATION TEST
WORKSHEET
FLOYD PROPERTY
TAX MAP: 20, PARCEL: 37, GRID: 3
HOWARD COUNTY MARYLAND
DATE: AUGUST 15, 2001
SCALE: AS SHOWN



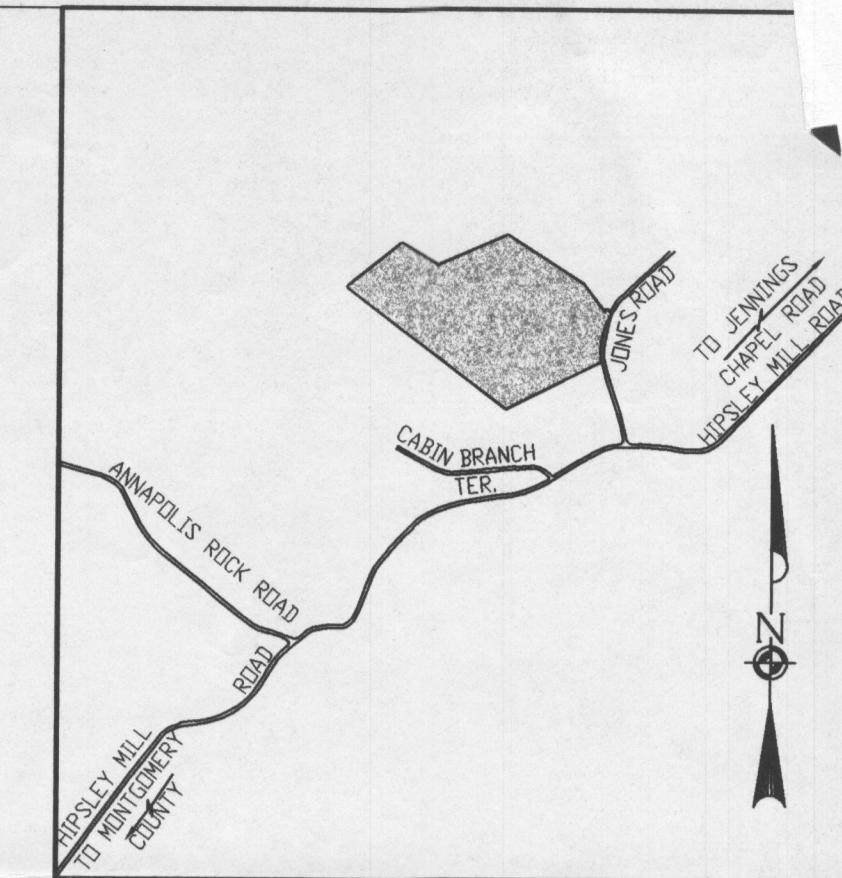
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENAL SQUARE OFFICE PARK - 18722 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
410-481-2899

K:\Drawings 3130740 Floyd Property\Floyd Perc Worksheet.dwg

SOILS LEGEND

SOIL	NAME	CLASS
GB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
MIC2	Mt. Airy channery loam, 8 to 15 percent slopes, moderately eroded	A
MID2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A
GB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GD3	Glenelg loam, 15 to 25 percent slopes, severely eroded	B
*GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
GC2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B
*GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



VICINITY MAP
SCALE: 1" = 1200'

STATE OF MARYLAND TO THE USE OF THE DEPARTMENT OF FORESTS AND PARKS
LIBER 593, FOLIO 275

LOT 1
ANNONDALE FARM
PLAT No. 5236
3.6698 ACRES
BARBARA A. FLOYD
LIBER 4503, FOLIO 247

H. KENNETH DALY AND
BETTY ANN DALY
LIBER 269, FOLIO 322

Lot 4
18.42 AC

AREA TO BE DEDICATED TO HOWARD COUNTY FOR THE PURPOSE OF A PUBLIC ROADWAY

LOT 3
BLOCK B
CABIN RIVER FARMS
PLAT BOOK 21M No. 8, FOLIO 31
HENRY KENNETH DALY
LIBER 600, FOLIO 605

LOT 1
BLOCK B
CABIN RIVER FARMS
PLAT BOOK 21M No. 8, FOLIO 31
ERIC SCOTT THOMAS
LIBER 462, FOLIO 0097

STANLEY L. HARRISON AND FRANCES
S. HARRISON
LIBER 566, FOLIO 129

STATE OF MARYLAND TO THE USE OF THE DEPARTMENT OF FORESTS AND PARKS
LIBER 484, FOLIO 541

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE 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 A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ⊙ DENOTES WELL LOCATION.
- ⊙ DENOTES PERC HOLE LOCATION.
- OWNER:
MR. & MRS. KENNETH DALY
3274 JONES ROAD
WOODBINE MD, 21797
- DEVELOPER:
MS. BARBARA FLOYD
3265 JONES ROAD
WOODBINE MD, 21797
410-442-1330 X3299

* No records of existing septic

**PERC CERTIFICATION PLAT
FLOYD PROPERTY**

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER _____ DATE _____

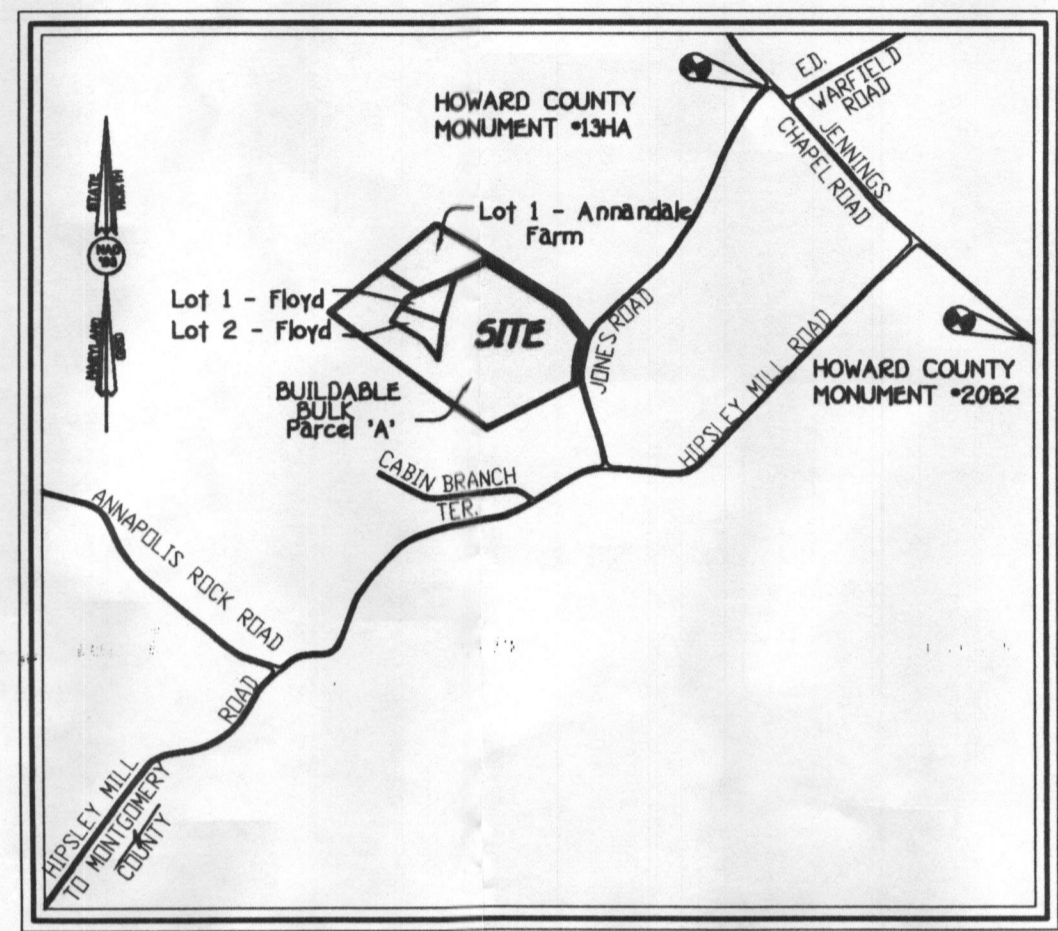
PERC CERTIFICATION
I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
Signature of Professional Land Surveyor _____ Date _____
Terrell A. Fisher, Professional Land Surveyor No. 10692

TAX MAP 20 ZONED: RC-DEO PARCEL: 37
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=100' DATE: APRIL 4, 2001

U.S. Equivalent Coordinate Table			U.S. Equivalent Coordinate Table		
Point	North	East	Point	North	East
00	500403.476709	1204519.313070	00	179345.730393	391522.269910
01	500262.500762	1204460.920655	01	179302.795660	391504.471629
02	500252.670949	1204464.262940	02	179299.772705	391505.490359
03	500250.649940	1204450.265072	03	179299.156703	391503.662449
04	500077.042411	1204454.297276	04	179246.406601	391502.456793
06	500300.289665	1204505.043999	06	179330.666693	391510.160265
95	500350.941332	1204522.050001	95	179332.165004	391523.351973
104	500577.017907	1204300.296910	104	179465.091500	179390.077696
106	509076.675624	1203573.945460	106	179550.929032	391234.121040
100	500529.905033	1202906.622060	100	179304.300273	391030.724441
117	500009.029300	1204477.759906	117	179250.140292	391509.600241
130	507794.001217	1203090.073240	130	179159.994275	391333.159236

Curve Data Table					
Pnt-Pnt	Radius	Arc Length	Delta	Tan	Chord Bearing and Distance
00-06	475.00'	26.40'	03°14'14"	13.42'	S30°07'55"W 26.03'
01-06	475.00'	126.34'	15°14'20"	63.54'	N20°53'30"E 125.96'
04-03	475.00'	173.07'	20°50'00"	87.09'	N01°10'56"E 172.05'
95-117	450.00'	277.23'	35°17'51"	143.17'	S09°30'42"W 272.06'

Minimum Lot Size Chart			
Lot No.	Gross Area	Pipestem Area	Minimum Lot Size
1 - Annandale	3.675 Ac.±	0.447 Ac.±	3.220 Ac.±
1 - Floyd	1.297 Ac.±	0.275 Ac.±	1.022 Ac.±
2 - Floyd	1.413 Ac.±	0.304 Ac.±	1.029 Ac.±



General Notes

- This Area Designates A Private Sewerage Easement Of 10,000 Square Feet As Required By The Maryland State Department Of The 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 A Public Sewerage System. The County Health Officer Shall Have The Authority To Grant Variances For Encroachments Into The Private Sewerage Easement. Recordation Of A Modified Easement Shall Not Be Necessary.
- The Lots Shown Hereon Comply With The Minimum Ownership, Width And Lot Area As Required By The Maryland State Department Of The Environment.
- Subject Property Zoned RC-DEO Per 10/10/93 Comprehensive Zoning Plan.
- Coordinates Based On Nad '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. H.C.M. 134A And No. H.C.M. 20B2.
Sta. H.C.M. 134A N 179021.7493 (Meters) E 391962.0075 (Meters)
Sta. H.C.M. 20B2 N 179320.3100 (Meters) E 392432.407 (Meters)
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About December 2001, By Fisher, Collins And Carter, Inc.
- B.R.L. Denotes Building Restriction Line.
- Denotes Iron Pin Set Capped "C.C.C. 106".
- ⚡ Denotes Iron Pipe Or Iron Bar Found.
- Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
- Denotes Concrete Monument Set With Aluminum Plate "C.C.C. 106".
- ⚡ Denotes Concrete Monument Or Stone Found.
- Driveways Shall Be Provided Prior To Issuance Of A Use And Occupancy Permit For Any New Dwelling To Ensure Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
a) Width - 12 Feet (14 Feet Serving More Than One Residence);
b) Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating. (1 - 1/2" Minimum);
c) Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
d) Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H25-Loading);
e) Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than One Foot Depth Over Driveway Surface;
f) Maintenance - Sufficient To Ensure All Weather Use.
- All Lot Areas Are More Or Less (±).
- Distances Shown Are Based On Surface Measurement And Not Reduced To Nad '83 Grid Measurement.
- Wetlands Shown Are Based On A Site Evaluation By Eco-Science Professionals During December, 2001.
- There Is An Existing Dwelling Located On Buildable Bulk Parcel 'A' To Remain No New Buildings, Extensions Or Additions To The Existing Dwelling(s) Are To Be Constructed At A Distance Less Than The Zoning Regulations Require.
- For Flag Or Pipestem Lots, Refuse Collection, Snow Removal And Road Maintenance Are Provided To The Junction Of The Flag Or Pipestem And Road Right-Of-Way Line And Not To The Pipestem Lot Driveway.
- To The Best Of Our Knowledge There Are No Historic Structures Or Cemeteries On This Property Based On A Visual Site Inspection.
- Plat Is Subject To Prior Department Of Planning And Zoning File Nos.F-02-127.
- No Grading, Removal Of Vegetative Cover Or Trees, Or Placement Of New Structures Is Permitted Within The Limits Of Wetlands, Streams, Or Their Buffers And Forest Conservation Easement Areas.
- In Accordance With Section 104.F.5 Of The County Zoning Regulations, The Establishment Of A Preservation Parcel To Support The Creation Of Lot 1 Will Be Deferred Until The Residue Property (Bulk Parcel 'A') Is Resubdivided As A Major/Minor Subdivision. The Acreage Of The Required Preservation Parcel Is 2.790 Acres Or (2x4.25Ac-1.297Ac-1.413 Ac.).
- Stormwater Management For This Subdivision Is Provided By A Dry Swale Located On The Eastern Edge Of Lots 1 And 2. Stormwater Management Credits Have Been Applied Through The Use Of A Grass Channel Located Along The Proposed Driveway. These Are Private Facilities To Be Maintained By The Owners Of Lots 1 And 2 And Buildable Bulk Parcel 'A' And Their Assigns With Maintenance Obligation Recorded Among The Land Records Of Howard County Maryland.
- Denotes Wetlands Area.
- Denotes Existing Centerline Of Stream.
- No Cemeteries Exist On Site By Visual Inspection.
- This Plat Is In Compliance With The Fifth Edition Of The Subdivision And Land Development Regulations As Amended By County Council Bill No. 50-2001.
- Denotes Elevation Of 100 Year Public Floodplain.
- Denotes Limit Of Public 100 Year Floodplain Drainage And Utility Easement.
- This Plat Is Subject To Section 15.514(b) Of The Agricultural Preservation Program.
- Lots 1 And 2 Are Created In Accordance With The Provisions Of Section 104.E.6 Of Zoning Regulations.
- This Subdivision Is Exempt From The Requirements Of The Forest Conservation Program Per Section 16.1202(b)(1)(v) Of The Subdivision And Land Development Regulations Because The Property Is In The Agricultural Preservation Program.
- Landscaping Requirements For This Lot Are In Accordance With The Alternative Compliance Provisions Of Section 16.124 Of The Howard County Code And The Landscape Manual As A Result Of The Lot's Site Location Within The Farm's Interior.

Reservation Of Public Utility And Forest Conservation Easements

"Developer Reserves Unto Itself, Its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, Other Public Utilities And Forest Conservation (Designated As "Forest Conservation Area"), Located In, On, Over, And Through Lots 1 And 2 And Buildable Bulk Parcel 'A' Floyd Property And Lot 1 Annandale Farm, Any Conveyances Of The Aforesaid Lots Shall Be Subject To The Easements Herein Reserved, Whether Or Not Expressly Stated In The Deeds) Conveying Said Lot(s). Developer Shall Execute And Deliver Deeds For The Easements Herein Reserved To Howard County, With A Metes And Bounds Description Of The Forest Conservation Area. Upon Completion Of The Public Utilities And Their Acceptance By Howard County, And, In The Case Of The Forest Conservation Easement(s), Upon Completion Of The Developer's Obligations Under The Forest Conservation Installation And Maintenance Agreement Executed By Developer And The County, And The Release Of Developer's Surety Posted With Said Agreement, The County Shall Accept The Easements And Record The Deeds) Of Easement In The Land Records Of Howard County."

Vicinity Map
Scale: 1" = 1200'

Wetland Tabulation			
Line	Bearing and Distance	Line	Bearing and Distance
WL1	N50°57'43"E 12.00'	WL23	S69°10'27"W 23.19'
WL2	S03°07'25"E 16.60'	WL24	N53°26'15"W 10.20'
WL3	N26°39'26"E 12.02'	WL25	N77°54'37"E 45.10'
WL4	N52°26'53"E 60.22'	WL26	S01°07'29"E 56.06'
WL5	N69°27'15"E 33.60'	WL27	N69°36'07"E 29.37'
WL6	N27°06'20"E 36.27'	WL28	S75°17'57"E 25.25'
WL7	N29°22'10"E 26.40'	WL29	S00°01'59"E 35.39'
WL8	N13°26'56"E 47.99'	WL30	N04°09'32"E 52.03'
WL9	S03°22'32"E 20.00'	WL31	S03°47'12"E 49.56'
WL10	N01°00'00"E 20.66'	WL32	N06°25'17"E 69.23'
WL11	N70°57'16"E 75.70'	WL33	S00°25'07"E 56.14'
WL12	N04°05'45"E 23.06'	WL34	S30°17'02"W 20.94'
WL13	S03°24'39"E 10.60'	WL35	S01°26'33"W 40.30'
WL14	N00°53'03"W 21.20'	WL36	N70°44'52"W 60.62'
WL15	S03°15'11"W 93.82'	WL37	S03°15'50"W 54.41'
WL16	N06°52'06"W 27.27'	WL38	N01°55'04"W 40.00'
WL17	S12°44'08"W 35.92'	WL39	S06°59'16"W 30.53'
WL18	S22°13'26"W 60.59'	WL40	S09°15'00"W 25.42'
WL19	S47°22'47"W 20.23'	WL41	N77°57'10"W 29.37'
WL20	S03°00'20"W 20.07'	WL42	S06°46'45"W 39.04'
WL21	S49°30'36"W 57.05'	WL43	S00°33'13"W 46.55'
WL22	S47°01'40"W 15.31'	WL44	S53°26'15"E 11.95'

The Requirements §3-100, The Real Property Article, Annotated Code Of Maryland, 1900 Replacement Volume, (As Supplemented As Far As They Relate To The Making Of This Plat And The Setting Of Markers Have Been Complied With.

Terrell A. Fisher 7/25/02
Date
Terrell A. Fisher, L.S. 10692
(Registered Land Surveyor)

H. Kenneth Daly _____ Date
(Owner)

Betty Ann Daly _____ Date
(Owner)

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 20841
(410) 461 - 2055

TOTAL AREA TABULATION

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	3
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL NUMBER OF BUILDABLE BULK PARCELS TO BE RECORDED	1
TOTAL NUMBER OF LOTS AND PARCELS TO BE RECORDED	4
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	6.305 Ac.±
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0.000 Ac.±
TOTAL AREA OF BUILDABLE BULK PARCELS TO BE RECORDED	19.415 Ac.±
TOTAL AREA OF LOTS AND PARCELS TO BE RECORDED	25.800 Ac.±
TOTAL AREA OF ROADWAY TO BE RECORDED	0.160 Ac.±
TOTAL AREA TO BE RECORDED	25.960 Ac.±

Owner
Mr. H. Kenneth Daly And
Mrs. Betty Ann Daly
3274 Jones Road
Woodbine, MD 21797

Developer
Mrs. Barbara Floyd
3200 Jones Road
Woodbine, MD 21797

OWNER'S CERTIFICATE

H. Kenneth Daly And Betty Ann Daly, Owners Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This Day Of July, 2002.

H. Kenneth Daly _____
Witness

Betty Ann Daly _____
Witness

SURVEYOR'S CERTIFICATE

I Herby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of Part Of The Lands Conveyed By Richard M Hallowell And Mildred E. Hallowell And Louise H. Adams To H. Kenneth Daly And Betty Ann Daly By Deed Dated June 13, 1961 And Recorded Among The Land Records Of Howard County, Maryland In Liber No. 369 At Folio 322, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

Terrell A. Fisher
Terrell A. Fisher, Professional Land Surveyor No. 10692
Date: 7/25/02

RECORDED AS PLAT No. _____ ON _____
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

Lot 1 And Buildable Bulk Parcel 'A'
Floyd Property
And
Lot 1
Annondale Farm
(A Resubdivision Of Lot 1
"Annondale Farm" - Plat No. 5236)
Zoning: RC-DEO
Tax Map: 20 Parcel: 30 And 121 Grid: 3
Fourth Election District
Howard County, Maryland
Scale: As Shown

Date: July 23, 2002
Sheet 1 of 2
F02-116

REVISED
JUL 25 2002

K:\Drawings\3307.40\Floyd Property\Record\Plats\307.40\Floyd Record Plat.Sht.1 Revised.dwg, 7/25/2002, 11:11:48 AM

Public 100 Year Floodplain, Drainage And Utility Easement

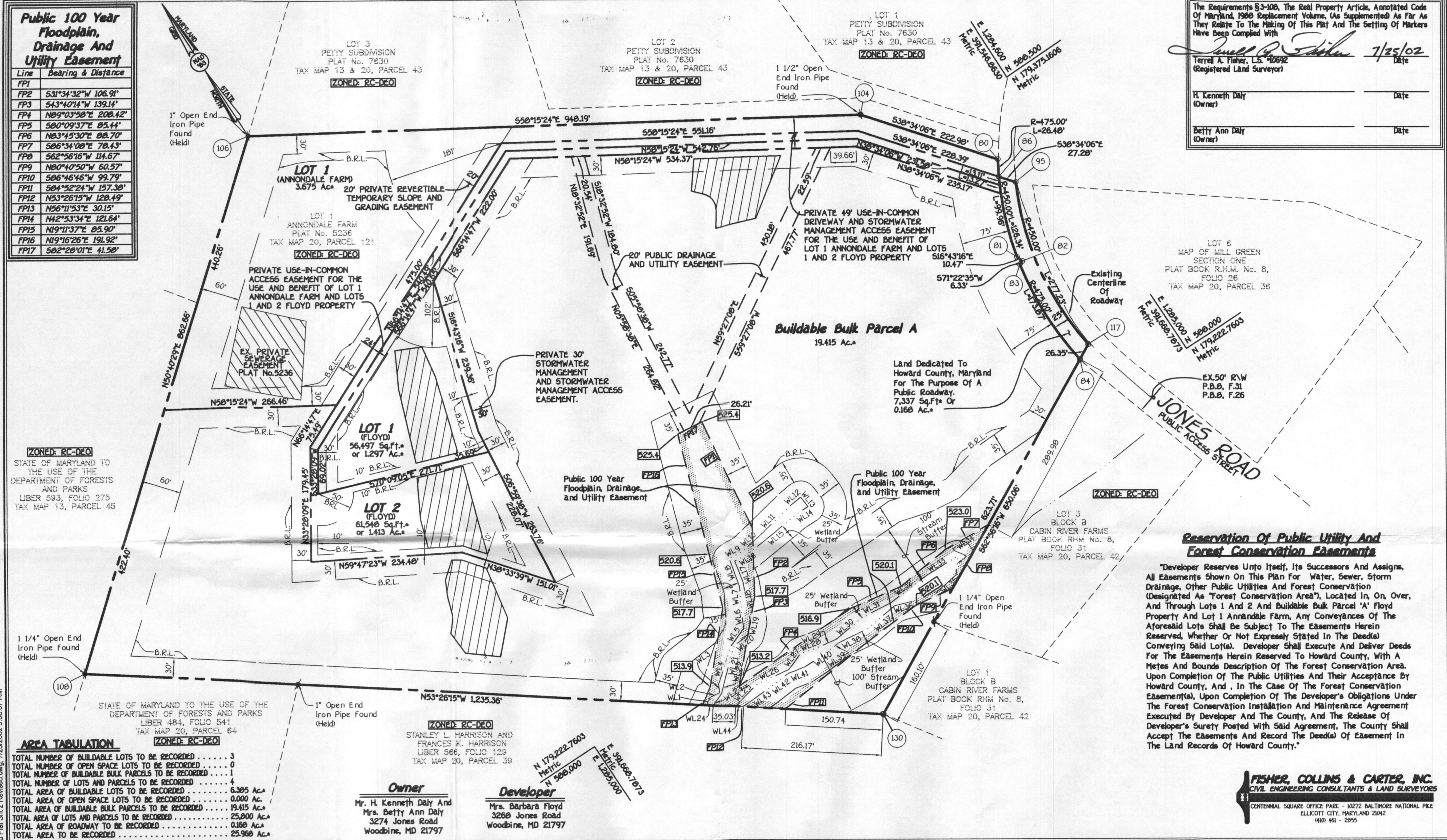
Line	Bearing & Distance
FP1	
FP2	531°34'32"W 106.91'
FP3	543°40'14"W 139.14'
FP4	N09°03'50"E 208.42'
FP5	S00°09'37"E 05.44'
FP6	N03°45'30"E 08.70'
FP7	S06°34'08"E 78.43'
FP8	S62°56'16"W 114.67'
FP9	N00°40'50"W 60.57'
FP10	S06°46'46"W 99.79'
FP11	S04°52'24"W 157.38'
FP12	N53°26'15"W 120.49'
FP13	N56°11'53"E 30.15'
FP14	N42°53'34"E 121.64'
FP15	N19°11'37"E 05.90'
FP16	N19°16'26"E 191.92'
FP17	S02°20'01"E 41.58'

The Requirements §3-108, The Real Property Article, Annotated Code Of Maryland, 1980 Replacement Volume, (As Supplemented) As Far As They Relate To The Making Of This Plat And The Setting Of Markers Have Been Complied With

Terrell A. Fisher 7/25/02
 Terrell A. Fisher, L.S. 10692 (Registered Land Surveyor) Date

H. Kenneth Daly (Owner) _____ Date

Betty Ann Daly (Owner) _____ Date



ZONED: RC-DEO
 STATE OF MARYLAND TO THE USE OF THE DEPARTMENT OF FORESTS AND PARKS
 LIBER 593, FOLIO 275
 TAX MAP 13, PARCEL 45

AREA TABULATION

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	3
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL NUMBER OF BUILDABLE BULK PARCELS TO BE RECORDED	1
TOTAL NUMBER OF LOTS AND PARCELS TO BE RECORDED	4
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	6.385 Ac.
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0.000 Ac.
TOTAL AREA OF BUILDABLE BULK PARCELS TO BE RECORDED	19.415 Ac.
TOTAL AREA OF LOTS AND PARCELS TO BE RECORDED	25.800 Ac.
TOTAL AREA OF ROADWAY TO BE RECORDED	0.160 Ac.
TOTAL AREA TO BE RECORDED	25.960 Ac.

Owner
 Mr. H. Kenneth Daly And
 Mrs. Betty Ann Daly
 3274 Jones Road
 Woodbine, MD 21797

Developer
 Mrs. Barbara Floyd
 3260 Jones Road
 Woodbine, MD 21797

APPROVED: For Private Water And Private Sewerage Systems, Howard County Health Department.

 Date

Howard County Health Officer

APPROVED: Howard County Department Of Planning And Zoning.

 Date

Chief, Development Engineering Division

 Date

Director

OWNER'S CERTIFICATE

H. Kenneth Daly And Betty Ann Daly, Owners Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This _____ Day Of July, 2002.

H. Kenneth Daly _____ Witness

Betty Ann Daly _____ Witness

SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of Part Of The Lands Conveyed By Richard M. Hollowell And Mildred E. Hollowell And Louise H. Adams To H. Kenneth Daly And Betty Ann Daly By Deed Dated June 13, 1961 And Recorded Among The Land Records Of Howard County, Maryland In Liber No. 369 At Folio 322, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

Terrell A. Fisher
 Terrell A. Fisher, Professional Land Surveyor No. 10692 7/25/02 Date

RECORDED AS PLAT No. _____ ON _____
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**Lot 1 And Buildable Bulk Parcel 'A'
 Floyd Property
 And
 Lot 1
 Annondale Farm**

(A Resubdivision Of Lot 1
 "Annondale Farm" - Plat No. 5236)
 Zoning: RC-DEO
 Tax Maps: 20 Parcel: 30 And 121 Grid: 3
 Fourth Election District
 Howard County, Maryland

0' 100' 150' 200'
 Scale: 1" = 100'
 Date: July 23, 2002
 Sheet 2 of 2
 F02-116

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2895

K:\Drawings\330740_Floyd Property\Record\Plat\30740 Floyd Record Plat SHI 2 Revised.dwg, 7/25/2002 9:58:07 AM

SOILS LEGEND

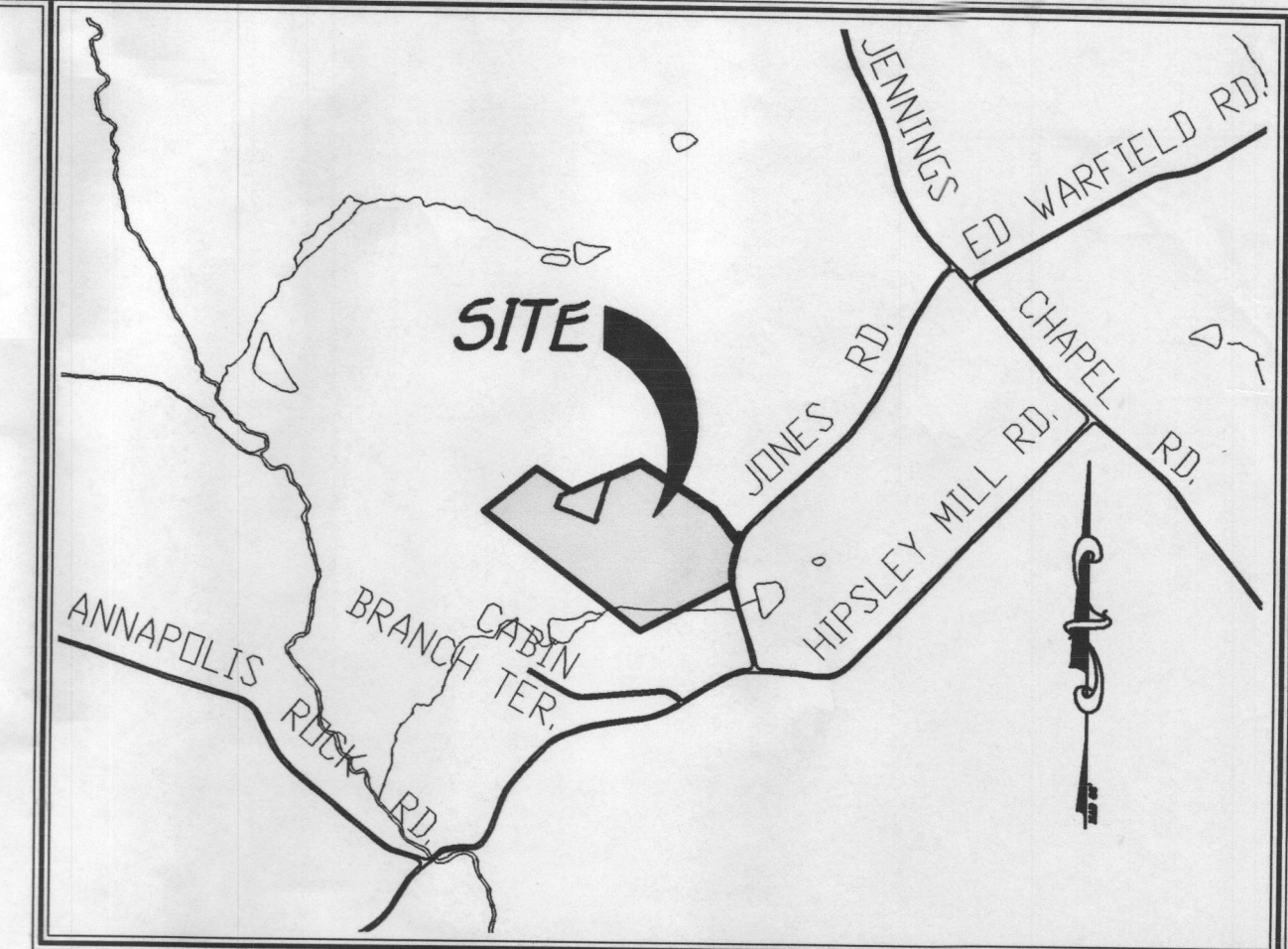
SOIL	NAME	CLASS
**Ba	Baile silt loam	D
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
ChC2	Chester silt loam, 8 to 15 percent slopes, moderately eroded	B
GA	Glensig loam, 0 to 3 percent slopes	B
GIB2	Glensig loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glensig loam, 8 to 15 percent slopes, moderately eroded	B
GID3	Glensig loam, 15 to 25 percent slopes, severely eroded	B
*GrB2	Glennville silt loam, 3 to 8 percent slopes, moderately eroded	C
MtB2	Mt. Airy channery loam, 3 to 8 percent slopes, moderately eroded	A
MtC2	Mt. Airy channery loam, 8 to 15 percent slopes, moderately eroded	A
MtD2	Mt. Airy channery loam, 15 to 25 percent slopes, moderately eroded	A

NOTES:
 * May contain hydric inclusions
 ** Hydric soils and/or contains hydric inclusions
 † Generally only within 100-year floodplain areas



PLAN
 SCALE: 1" = 100'

LANDSCAPING REQUIREMENTS FOR LOT 1 ARE IN ACCORDANCE WITH THE ALTERNATIVE COMPLIANCE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL AS A RESULT OF THE LOT'S SITE LOCATION WITHIN THE FARM'S INTERIOR.



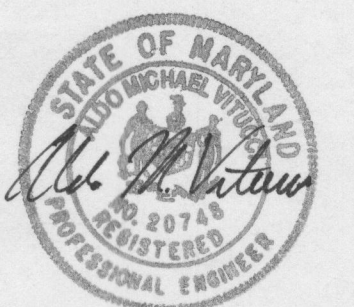
VICINITY MAP
 SCALE: 1" = 1200'

General Notes:

- Subject Property Zoned RC-DEO.
- Property Information
 Tax Map No. 20
 Tax Parcel No. 37
 Grid No. 3
 Gross Area = 22,293 ac.
 Recording Data: Liber 5545, Folio 208
 Election District - Fourth
- Property Will Be Served By Private Water Private Sewer.
- Subdivision Data:
 Proposed No. Of Buildable Lots = 1
 Proposed No. Of Buildable Bulk Parcels = 1
 Area Of Buildable Lots = 1,669 ac.
 Area Of Roadway Dedication = 0,169 ac.
 Area Of Buildable Bulk Parcel = 20,455 ac.
 Total Area To Be Recorded = 22,293 ac.
- Denotes Proposed House.
- There Are No Steep Slopes On This Site.
- No Wetlands Exist On Property.
- Contour Information is Based On Howard County Electronic Aerial Maps.
- See Record Plat for Bearings and Distances.

REVISED

JUL 25 2002



Supplemental Plan
 Topography, Soils, and Perimeter Landscaping

FLOYD PROPERTY
 LOT 1 AND BUILDABLE BULK PARCEL 'A'

ZONING RC-DEO
 PARCEL NO. 37 TAX MAP NO. 20 GRID NO. 3
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: JULY 24, 2002
 SHEET 1 OF 1