

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 LOIS H LOWE

ADDRESS 12325 BENSON BRANCH RD PHONE 531 6732

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION LOWE PROPERTY LOT NO. NEW 4

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3 AC PC 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 2/16/92 - CLAY & ROCK R/H

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # LOWE PROP BEUSEN PERC PLAN DATE 2/24/92

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

THIS IS NOT A PERMIT

LAND TABULATION:

1. TOTAL NUMBER OF LOTS: 4
2. TOTAL AREA OF LOTS: 13.20 AC.
3. TOTAL AREA OF PRIVATE ROAD: 0.28 AC.
4. TOTAL AREA OF SUBDIVISION: 13.48 AC.

LEGEND:

- PERCOLATION TEST (H83C20)
- EXISTING PERCOLATION TEST
- PROPOSED WELL SITE
- EXISTING 10,000 G.P.T. SEWAGE DISPOSAL AREA
- PROPOSED 10,000 G.P.T. SEWAGE DISPOSAL AREA
- EXISTING NON-TIDAL WETLANDS
- 25% OR GREATER SLOPES
- EXISTING WELL SITE
- PROPOSED PERCOLATION TEST

VICINITY MAP

SCALE: 1" = 200'

NOTES

1. The lots shown comply with the minimum lot area and ownership width as required by the Maryland State Dept. of the Environment.
2. Existing Zoning: R (Rural) per 8-2-85 Comprehensive Zoning Plan.
3. Deed Reference: Liber 1700 Folio 914
4. Total Area of Property: 13.48 Ac.
5. The floodplain shown along Benson Branch was computed as part of Capital River Drainage Study.
6. The topography shown is compiled from aerial photography, and is not based on field run data prepared by land design engineering, Inc. August 1991.
7. The wetland delineation was prepared by Exploration Research, Inc. dated July 1991.
8. All percolation tests have been field located.

OWNER/DEVELOPER
LOIS H. LOWE
13328 BENSON BRANCH RD
ELLICOTT CITY, MD 21042
(410) 591-6792

REVISED PERCOLATION TEST PLAN

LOWE PROPERTY
LOTS 1 THRU 4
TAX MAP 22 PARCEL 360
3RD ELECTION DISTRICT, HOWARD COUNTY, MD
PREVIOUS SUBMITTAL: W-91-145

LAND DESIGN ENGINEERING, INC.
10000 Old Mill Road, Suite 810
Baltimore, Maryland 21234
OWNER: K.B.V. DESIGN: B.D.B. CHECKED: R.L.H.
SCALE: 1" = 100'
SHEET 1 OF 1

NO.	DATE	REVISIONS
1	6-18-91	New Lot Layout per Client Approval
2	8-15-91	Per field located perc. tests
3	8-26-91	Per 2-8-91 meeting with Co. Health Dept

SOILS LEGEND

SYMBOL	NAME	SLOPE CHARACTERISTICS
Cs	Corvus Silt Loam	15 to 25% moderately eroded
ChB2	Chestnut Silt Loam	3 to 8% moderately eroded
ChB2	Chestnut Silt Loam	3 to 8% moderately eroded
Ha	Harbora Silt Loam	3 to 8% moderately eroded
Mnd	Minor Very Silty Loam	3 to 25%
CgB2	Chester Gravelly Silt Loam	3 to 8% moderately eroded

(TAKEN FROM USDA, SOIL SURVEY MAP NO. 14)

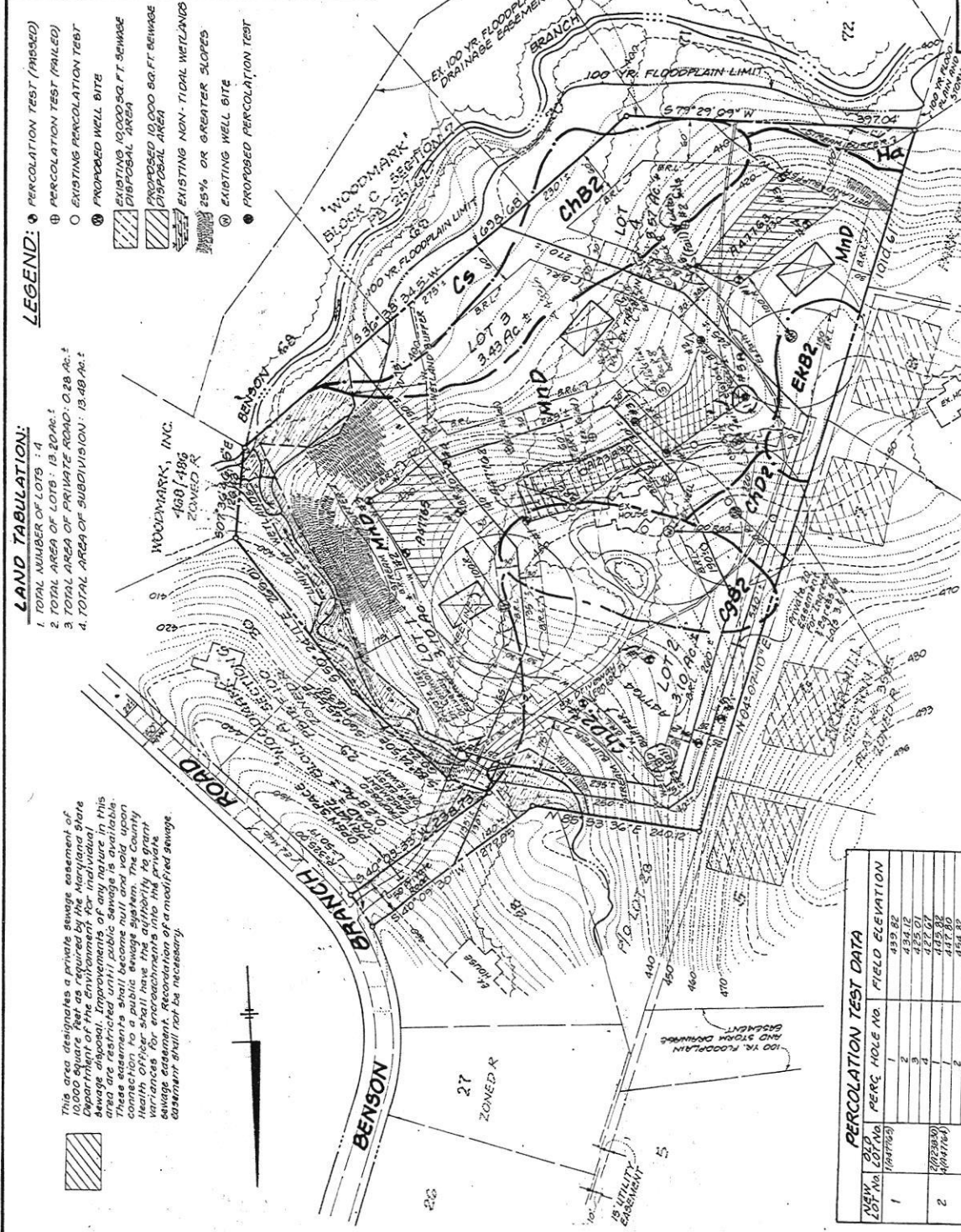
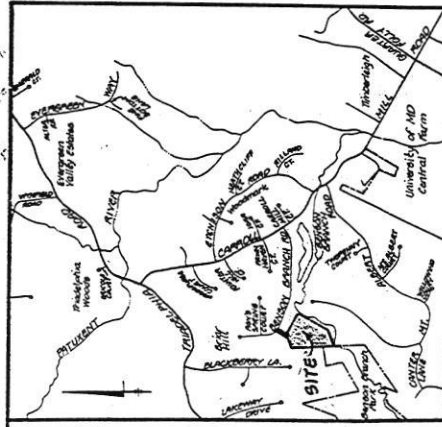
NEW LOT No.	OLD LOT No.	PERC. HOLE No.	FIELD ELEVATION
1	10023490	1	419.82
2	10023490	2	419.84
3	10023490	3	419.84
4	10023490	4	419.84
5	10023490	5	419.84
6	10023490	6	419.84

Note: All percolation tests denoted by symbol have been field located.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER DATE

This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of the Environment. Improvements of any kind are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Department of the Environment is hereby granted the authority to grant variances for encroachment of the private sewage easement. Recreation of a modified sewage easement shall not be necessary.



This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. The easement shall become null and void upon completion of public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Reconnection of a modified sewage easement shall not be necessary.

LAND TABULATION:

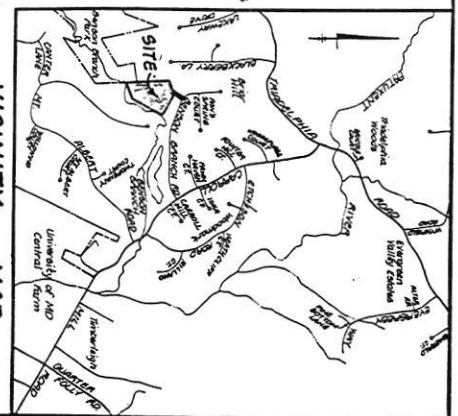
1. TOTAL NUMBER OF LOTS: 14
2. TOTAL AREA OF LOTS: 13.14 AC. ±
3. TOTAL AREA OF PRIVATE ROAD: 0.34 AC. ±
4. TOTAL AREA OF SUBDIVISION: 13.48 AC. ±

LEGEND:

- ① PERCOLATION TEST (PASSED)
- ② PERCOLATION TEST (FAILED)
- EXISTING PERCOLATION TEST
- ⊙ PROPOSED WELL SITE
- ⊙ EXISTING WELL SITE
- EXISTING 10,000 SQ. FT. SEWAGE DISPOSAL AREA
- PROPOSED 10,000 SQ. FT. SEWAGE DISPOSAL AREA
- EXISTING NON-TOTAL WETLANDS
- 25% OR GREATER SLOPES
- EXISTING WELL SITE

VICINITY MAP

SCALE: 1" = 2000'



NOTES

1. The lots shown comply with the minimum lot area and ownership with as required by the Maryland State Dept. of the Environment.
2. Existing zoning: R (Rural) per 8-2-85
3. Deed Reference: Liber 1700 Folio 314
4. Total Area of Property: 13.48 AC. ±
5. The floodplain shown along Benson Branch was computed as part of Capital Project No. P-1028, Middle Tributary of the Potomac River.
6. The topography shown is computed from aerial photography and is correlated with field data prepared by the project design engineering, Inc. August 1991.
7. The wetlands shown are field located by the project design engineering, Inc. dated July 1991.
8. All percolation tests have been field located.

OWNER/DEVELOPER

LOIS H. LOWE
12355 BENSON BRANCH RD
ELLCOTT CITY, MD 21042
(410) 531-6732

PERCOLATION TEST PLAT

LOWE PROPERTY

LOTS 1 THRU 4
TAX MAP 22 PARCEL 360
3rd ELECTION DISTRICT, HOWARD COUNTY, MD
PREVIOUS SUBMITTAL: WP-91-143

LAND DESIGN ENGINEERING, INC.

SCALE: 1" = 100'

SHEET 1 OF 1

DESIGNED BY: [Signature] DATE: [Date]
CHECKED BY: [Signature] DATE: [Date]

PERCOLATION TEST DATA

LOT NO.	PERC. HOLE NO.	FIELD ELEVATION
1	1	439.82
	2	434.12
	3	425.01
	4	427.67
2	1	445.82
	2	431.64
	3	415.84 (fail)
	4	422.64
	5	431.02
3	1	430.79
	2	447.80
	3	454.82
	4	447.36 (fail)
	5	437.71
4	1	437.51

Note: All percolation test holes have been field located.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT

SENT FOR SIGNATURE - SIGNED 5/15/92
DATE
HOWARD COUNTY HEALTH OFFICER

This order designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of the Environment for individual sewage disposal improvements of any nature in a residential subdivision. The improvements shall be in connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Reconnection of a modified sewage easement shall not be necessary.



LAND TABULATION

1. TOTAL NUMBER OF LOTS : 4
2. TOTAL AREA OF LOTS : 13.14 AC. ±
3. TOTAL AREA OF PRIVATE ROAD : 0.34 AC. ±
4. TOTAL AREA OF SUBDIVISION : 13.48 AC. ±

501.5 LEGEND		SLOPE	CHARACTERISTICS
SYMBOL	NAME		
CS	Census pit loam	15 to 25%	moderately eroded
CH02	Chesiter silt loam	3 to 8%	moderately eroded
CH02	Chesiter silt loam	3 to 8%	moderately eroded
ER02	Elkhor silt loam	3 to 8%	moderately eroded
HA	Holborn silt loam	3 to 25%	moderately eroded
MA	Manor very sticky loam	3 to 8%	moderately eroded
CS 02	Chesiter gravelly silt loam	3 to 8%	moderately eroded

FROM U.S.D.A. SOIL SURVEY MAP NO. 14)

SHIP LOUM
(TAKEN FROM U.S.D.A. SOIL SURVEY MAP NO. 14)

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

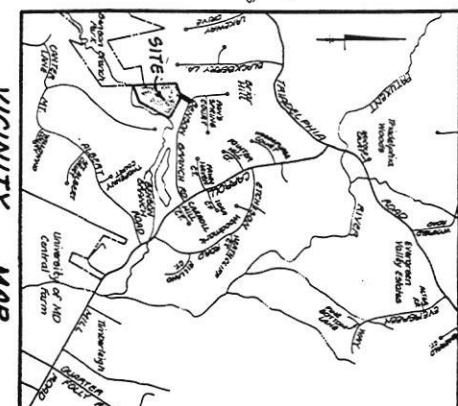
HOWARD COUNTY HEALTH OFFICER DATE

LEGEND: ● PERCOLATION TEST (AM55ED)

- ① PERCOLATION TEST (PAVED)
- EXISTING PERCOLATION TEST
- PROPOSED WELL SITE
- ▨ EXISTING 10,000 SQ. FT. SEWAGE DISTRIB. AREA
- ▩ PROPOSED 10,000 SQ. FT. SEWAGE DISTRIB. AREA
- ▧ EXISTING NON-TIDAL WETLANDS
- ② 25% OR GREATER SLOPES
- Ⓢ EXISTING WELL SITE

NOTES

1. The lists shown comply with the minimum lot area and ownership width as set forth in the original zoning code of the jurisdiction.
 2. Existing Zoning : R(Rural) per B-2-95 Comprehensive Zoning Plan
 3. Deed Reference : Liber 1700 Folio 834
 4. Total Area of Property : 13.46 Acs
 5. The Floodplain shown along Arroyo branch was computed as part of Special Project #A-1028, Middle Tributary River Drainage Study.
 6. The topography shown is compiled from the hydrographic survey, supplemented with field notes, dated approximately 1941, design Engineering, Inc., August 1941.
- The wetlands shown are field located by a team of biologists and engineers from a field delineation report prepared by Wetland Research, Inc., dated July 1991.



SCALE: 1"=2000'

PERCOLATION TEST PLAT

LOWE PROPERTY

TAX MAP 22 PARCEL 360
3rd ELECTION DISTRICT, HOWARD COUNTY, MD
PREVIOUS SERIALITY: WP91-144

LAND DESIGN ENGINEERING, Inc.

	$I = 100$
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SHEET
1 OF 1

COMP:	ORIGIN: K BW	DESIGN: BDB	CHECKED: RLM
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3/14/98
10:00 AM

APPLICATION

PERCOLATION TESTING

A 59829

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

*Proposal -
to report to
accomodate
preferred house
site*

DISTRICT _____

DATE 2/18/98

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 SALMAN M. SHEIKH

ADDRESS 3017 CLUSTER PINES CT., ELLICOTT CITY MD 21042 PHONE (410) 750-1850 H.
(410) 312-6240 W.

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION 3704 RED OAK LANE
12325 BENSON BRANCH ROAD. LOT NO. 4
LOWE PROPERTY

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3.17 AC. TYPE BLDG. SINGLE FAMILY - 5 BRMS
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BOOK RETURNED
AND RETURNED 4/26/2000
800123386

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. Salman M. Sheikh
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

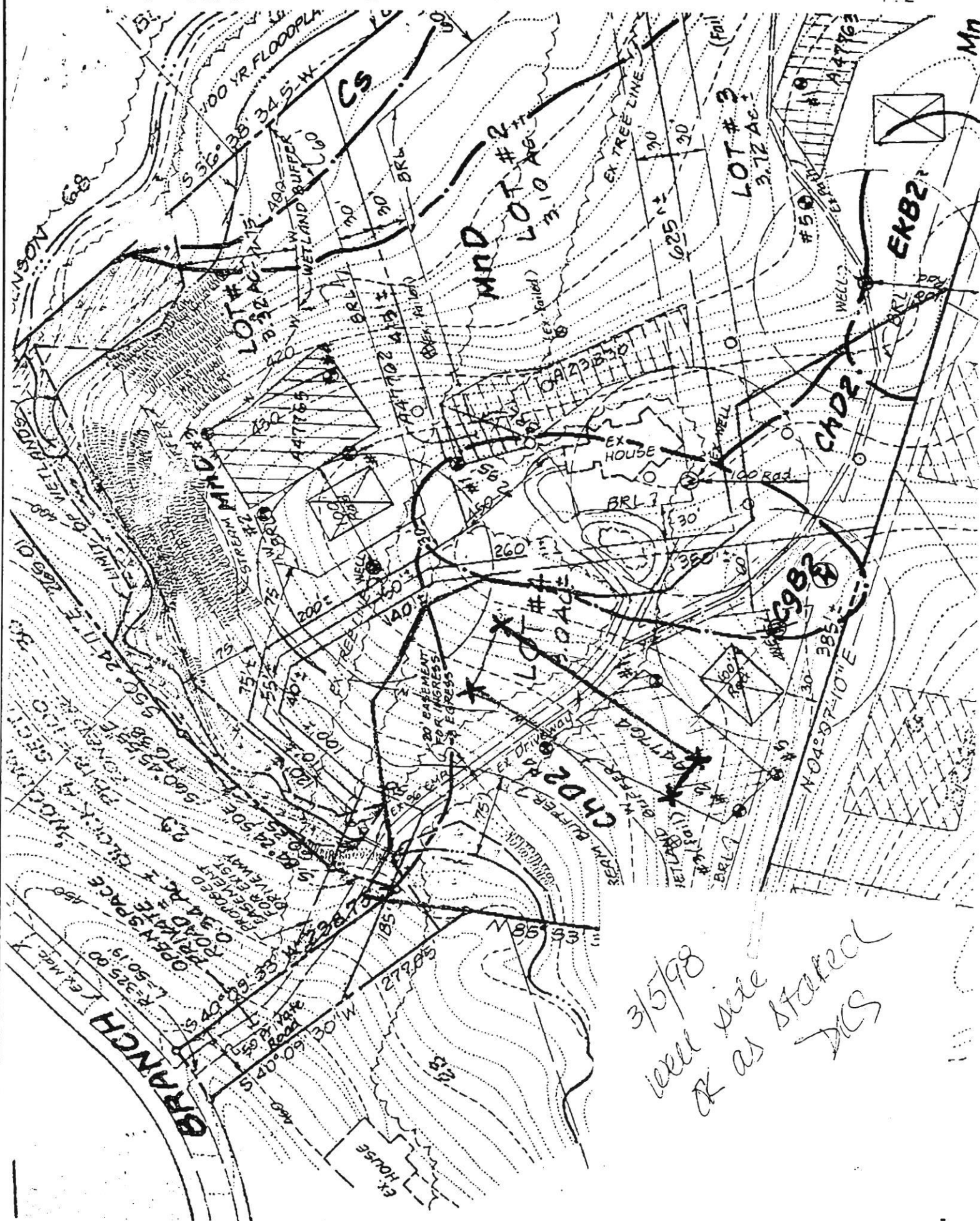
HOLD PENDING FURTHER TESTS _____

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



3/5/98
cell size
OK as stated
MCS

DATE: 19 AUG 92

NAME: LOIS H LOWE

ADDRESS: 12325 BENSON BRANCH RD
ELLCOTT CITY MD 21043

RE: PERCOLATION TEST RESULTS
APPLICATION #'(s) 48366
PROPOSED USE: RESIDENCE
PROPERTY ID: LOWE PROPERTY
LOT NEW 3 & LOT NEW 4
TAX MAP 22 PARCEL # 360

Dear MRS LOWE:

Percolation testing conducted 6 AUG 92 on the above referenced property indicated [~~unsatisfactory/limited satisfactory/satisfactory~~] soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission [by a registered engineer] of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. [The plat should also include] [the following additional information]:

This should be submitted within sixty (60) days to allow field verification if necessary. If the proposal is for subdivision or for commercial use, a groundwater appropriations permit must be approved prior to approval of either the record plat or the site development plan.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours, RLH

Craig Williams, Director
Water and Sewerage Program

CW:jr

Enclosure(s)

cc: [Tax Assessment Office]
[Engineer]
[Owner]
File

LAND DESIGN ENGINEERING, INC.

PLANNING • ENGINEERING • SURVEYING

June 19, 1992

Mr. Craig Williams, Program Director
Bureau of Environmental Health
Howard County Health Department
3525-H Ellicott Mills Drive
Ellicott City, Maryland 21043

3704, 3710 Red Oak Lane
(lot 4) (lot 3)

Reference: Lowe Property
WP-92-197

Dear Mr. Williams:

Please find two (2) prints of the revised lot layout and percolation test proposal for the above referenced property. The new lot layout provides for a total of four lots essentially using most of the previous percolation test locations with reconfigured sewage disposal areas. However, new tests will be required on new Lot 3 and possibly on new Lot 4. The percolation test data chart located on the lower left of the plan has also been revised to provide a coordinated summary. I believe the new plan provides a viable layout which addresses the Department of Planning & Zoning concerns regarding the use-in-common easement which formerly bisected old Lot 4.

Please review the plan, should you have any questions, contact our office. Our client would like to set up perc testing as soon as possible.

Very truly yours,

LAND DESIGN ENGINEERING, INC.

Bruce D. Burton

Bruce D. Burton, P.E.
Project Manager

BDB/lb
encls:

cc: Elmina J. Hilsenrath, Chief DCPLD
Richard Blood, DPZ
Jeanette Anders, DPZ
Lois Lowe



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

March 17, 1992

Reply to:

Mrs. Lois H. Lowe
12325 Benson Branch Road
Ellicott City, Maryland 21042

RE: Percolation Test Results
Application No.'s: A47762-A47765
Proposed Use: Subdivision
Property ID: Lowe Property
Benson Branch Road

Dear Mrs. Lowe:

Percolation testing conducted March 4, 1992 and March 5, 1992 on the above referenced property indicated limited satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site.

This should be submitted within sixty (60) days to allow field verification if necessary. If the proposal is for subdivision or for commercial use, a groundwater appropriations permit must be approved prior to approval of either the record plat or the site development plan.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

Raymond Hodges

Raymond Hodges, R. S.
Water and Sewerage Program

CW:jr
Enclosures
cc: Land Design Engineering, Inc.
File

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits 461-9933 Community Environmental Health 461-9944
Technical Services 461-9955 Director 461-9956 TDD 313-2323

LAND TABULATION:

1. TOTAL NUMBER OF LOTS: 4
2. TOTAL AREA OF LOTS: 13.14 AC.
3. TOTAL AREA OF PRIVATE ROAD: 0.34 AC.
4. TOTAL AREA OF SUBDIVISION: 13.48 AC.

WELL SITE OK
(NO SITE INSPECTION)
1/1/94
WOODMARK, INC.
468/486
ZONED R

This area designates a private sewage easement of square feet as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements in this area are restricted until public sewage is installed. These easements shall become null and void upon transmission to a public sewage system. The County Department of the Environment is authorized to grant variances for encroachment of the private sewage easement. Reclamation of an unmodified sewage easement shall not be necessary.



- LEGEND:**
- PERCOLATION TEST (PROPOSED)
 - PERCOLATION TEST (MAILED)
 - EXISTING PERCOLATION TEST
 - PROPOSED WELL SITE
 - EXISTING 10,000 G.P.T. DRAINAGE
 - PROPOSED 10,000 G.P.T. DRAINAGE
 - DISPOSAL AREA
 - EXISTING NON-TIDAL WETLANDS
 - 25% OR GREATER SLOPES
 - EXISTING WELL SITE

VICINITY MAP

SCALE: 1"=1000'

NOTES

1. The lots shown comply with the minimum lot area and ownership width as required by the Maryland State Dept. of the Environment.
2. Existing Zoning: R (Rural) per 8-2-85 Comprehensive Zoning Plan.
3. A Deed Reference: Liber. 1700 Folio 81A.
4. Total Area of Property: 13.48 AC.
5. The Floodplain shown along Benson Branch was computed as part of Capital Branch, Inc. D-1018, Middle Branch River Drainage Study.
6. The floodplain shown is compiled from aerial photography, supplemented with field data prepared by design engineering, Inc. August 1991. The wetlands shown are field located by a field delineation prepared by Excavation Research, Inc. dated July 1991.
7. All percolation tests have been field located.
8. Lot #1 - the well must be drilled and approved prior to the final plat.

OWENS ENGINEERING
12556 BENSON BRANCH RD
ELLCOTT CITY, MD 21042
(410) 931-0732

PERCOLATION TEST PLAN

LOWE PROPERTY

LOTS 1 THRU 4
TRAY MAP 22 PARCEL 560
3RD ELECTION DISTRICT, HOWARD COUNTY, MD
PREVIOUS SUBMITTAL: WP 91-1414

LAND DESIGN ENGINEERING, INC.

SCALE: 1"=100'	SHEET 1 OF 1
DATE: 10/1/94	DESIGN: BUD
CHECKED: RLK	



NO.	DATE	DESCRIPTION
1	2-24-92	Per 8-2-85 meeting with Co. Health Dept.
2	3-25-92	Per field located perc. tests

SOILS LEGEND

SYMBOL	NAME	SLOPE CHARACTERISTICS
Cs	Comus silt loam	15 to 25%, moderately eroded
ChB2	Chester silt loam	3 to 8%, moderately eroded
ChB2	Chick silt loam	3 to 8%, moderately eroded
Ma	Harbors silt loam	3 to 8%, moderately eroded
Mnd	Minor very clay loam	3 to 25%
CgB2	Chester gravelly silt loam	3 to 8%, moderately eroded

(TAKEN FROM US D.A. SOIL SURVEY MAP No. 14)

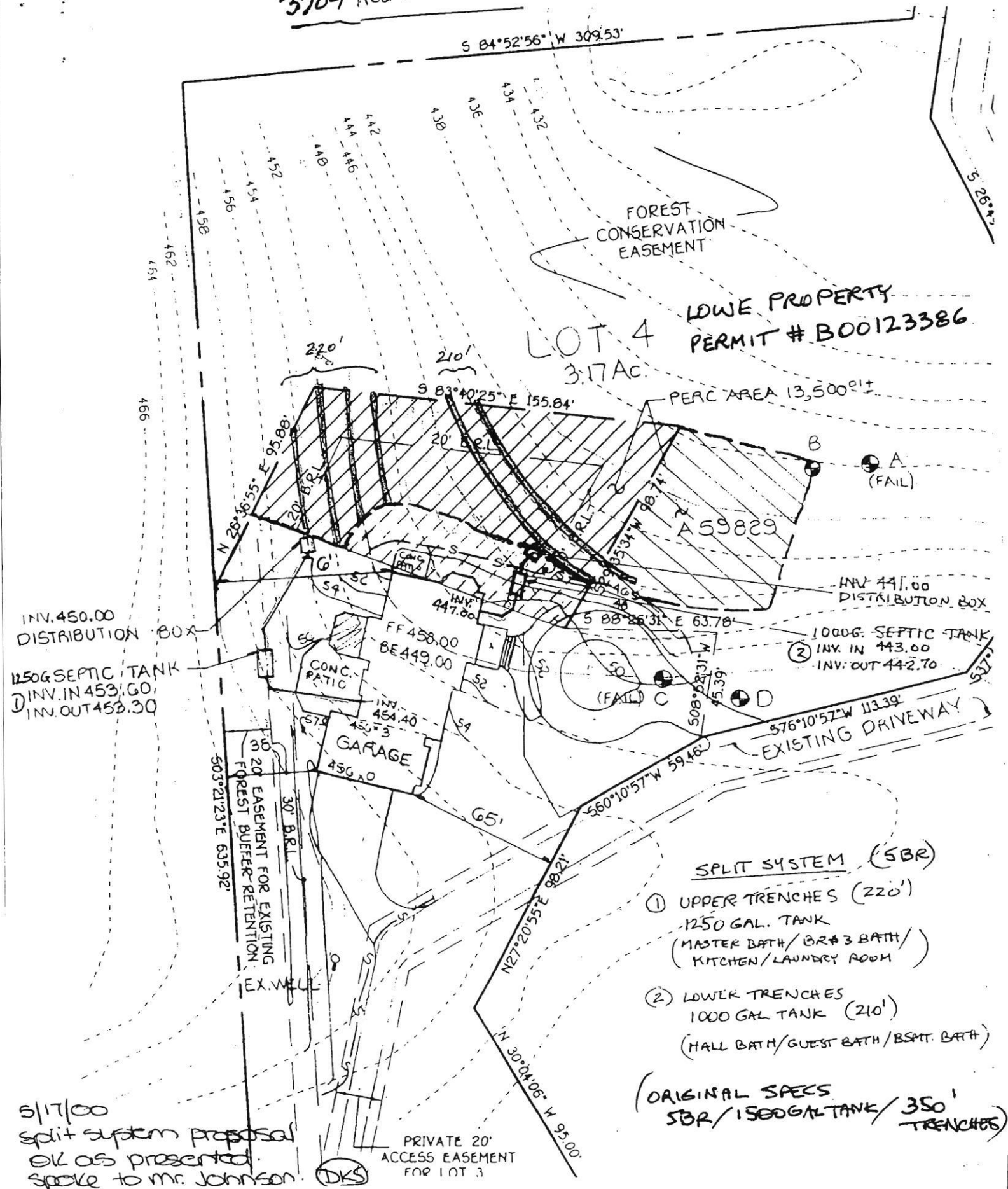
LOT NO.	PERC. HOLE NO.	FIELD ELEVATION
1	1	435.83
	2	434.12
	3	425.01
	4	427.67
2	1	445.82
	2	431.64
	3	415.84 (fail)
	4	422.64
3	1	431.02
	2	430.79
	3	447.80
	4	444.82
4	1	447.56 (fail)
	2	437.71
	3	437.71
	4	437.51

Note: All percolation test holes have been field located.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE
HOWARD COUNTY HEALTH DEPARTMENT

DATE: 10/1/94
HOWARD COUNTY HEALTH OFFICER: 5-5-92

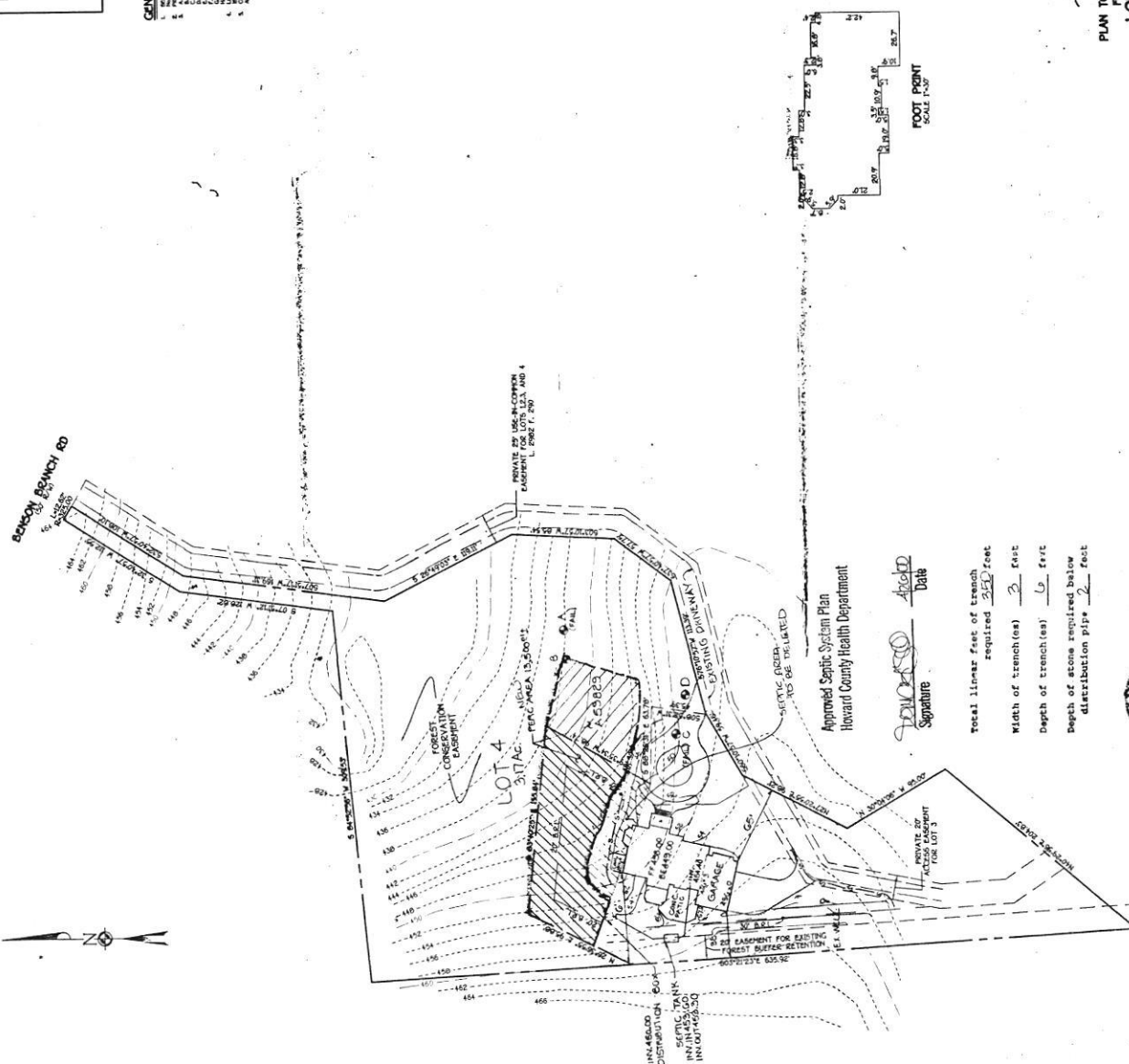
3704 Red Oak Lane





GENERAL NOTES

- [illegible]



Approved Septic System Plan
Howard County Health Department

Signature _____ Date 4/26/20

total linear feet of trench required 350 feet

width of trench (as) 3 feet

depth of trench (as) 6 feet

depth of stone required below distribution pipe 2 feet



PLAN TO ACCOMPANY APPLICATION

FOR BUILDING PERMIT
LOWE PROPERTY

WOODMARK - SECTION 6 BLOCK 'A'
LOTS 31 AND 32

LOIS 31 AND 32
(A RESUBMISSION OF LOT 28 AND LOT 29)

TAX MAP No: 22 PARCEL: 360 AND P/O PARCEL 107
3RD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: MARCH 21, 2000
BY: ATG/LLA SUFF: 1 OF 1 F93-14P

4/24/00 REVISED PERC AREA AND SEPTIC SYSTEM

[illegible]

LOT 4
LOWE PROPERTY
LOTS 1 THRU 4 AND
"WOODHARTE"-SECTION 6 BLOCK 'A'
LOTS 31 AND 32
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT 527, 11394

TOP OF FOUNDATION ELEV. 457.4'
FL- 428.30 = 100 YEAR FLOOD PLAIN ELEV.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
INTERNAL SAFETY OFFICE PARK - 10272 S.W. 109th ST. NW, TALLAHASSEE, FL 32310
ELECTRIC CITY, HARTFORD, CT 06102

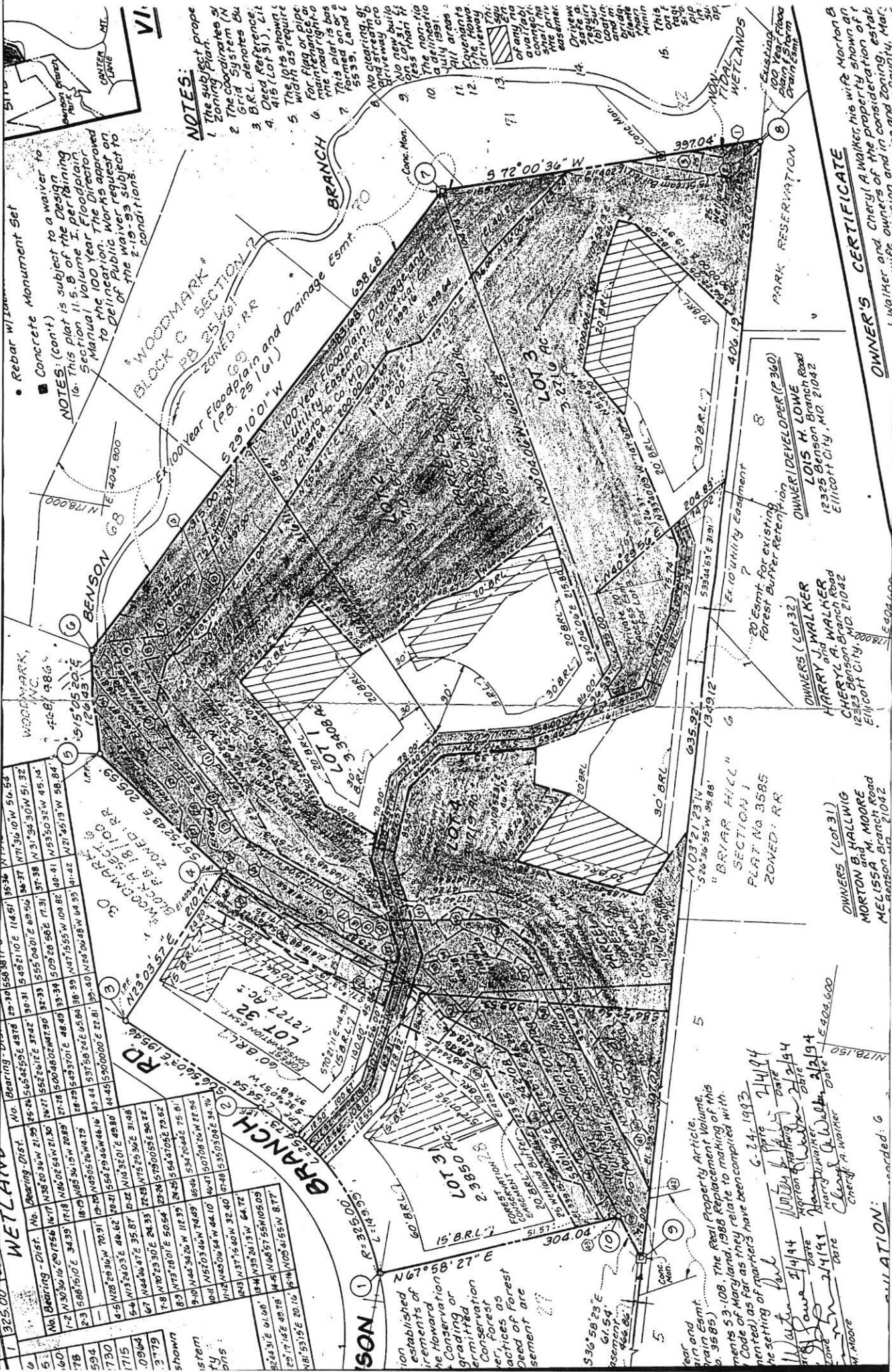
**HOUSE LOCATION
DRAWING**

FOUNDATION LOCATION: 6/14/202
FINAL LOCATION:

SCALE 1"=60'
DATE 5/15/04

BOUNDARY SURVEY

DRAWN BY
 CHECKED BY
 PROJECT No.



NOTES:
1. The subject property is located in the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.
2. The coordinates of the subject property are as shown on the plat.
3. B.R.L. denotes the boundary line.
4. D.R.L. denotes the drainage right-of-way line.
5. The 100 Year Floodplain and Drainage Esmt. is shown on the plat.
6. For flag poles or pipe, the plat is based on the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.
7. This plat is based on the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.
8. No clearing or grading is permitted on the subject property.
9. A new building is permitted on the subject property.
10. The subject property is located in the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.
11. The subject property is located in the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.
12. The subject property is located in the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.
13. The subject property is located in the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.
14. The subject property is located in the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.
15. This plat is based on the 100 Year Floodplain and Drainage Esmt. (P.B. 25161) Zoned: RR.

OWNER'S CERTIFICATE
I, **HARRY J. WALKER**, wife of **LOIS H. LOWE**, do hereby certify that the above is a true and correct copy of the original plat as recorded in the records of the County of **Montgomery**, State of **Maryland**, and in the presence of **CHERYL A. WALKER**, my wife, and **LOIS H. LOWE**, my wife.

OWNERS (Lot 31)
MORTON B. MALLORY
MELISSA M. MALLORY
12325 Benson Branch Road
Ellicott City, MD 21042

OWNERS (Lot 32)
HARRY J. WALKER
LOIS H. LOWE
12325 Benson Branch Road
Ellicott City, MD 21042

OWNERS (Lot 33)
MORTON B. MALLORY
MELISSA M. MALLORY
12325 Benson Branch Road
Ellicott City, MD 21042

WOODMARK
BLOCK C SECTION 7
P.B. 25161
Zoned: RR
100 Year Floodplain and Drainage Esmt.
529°10'01" W
698.68'

BRANCH
BLOCK C SECTION 7
P.B. 25161
Zoned: RR
100 Year Floodplain and Drainage Esmt.
529°10'01" W
698.68'

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529°10'01" W
698.68'

COUNTY #

SOIL PROFILE

0' (A) / (C)

TOPSOIL

org km
cl km

med org
brøn
sel lm

w/ 50%

Rx
frag

(B) / (D)

to soil

org btm
d lm

pale to
med
org bmn
scl lm

15% +
Rx
frag

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

[illegible]

REMARKS corners of existing perc area staked

TYPE OF SOIL

TESTED BY D. Soe

ALSO PRESENT *owner*

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH	MAXIMUM BOTTOM DEPTH	SQ. FT./BEDROOM
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

A 42764
P _____
DISTRICT 3rd
01/24/92
DATE 12/16/91

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Lois H. Lowe

ADDRESS 12325 Benson Branch Road, Ellicott City, MD PHONE (410) 531-6732

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Lowe Property (Woodmark) LOT NO 4

ROAD AND DESCRIPTION West side of Benson Branch Road 400' South of Pans Spring Court

TAX MAP 22 PARCEL # 360

SIZE OF LOT 3 Acres + TYPE BLDG Single Family Detached
(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.

Lois H. Lowe
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

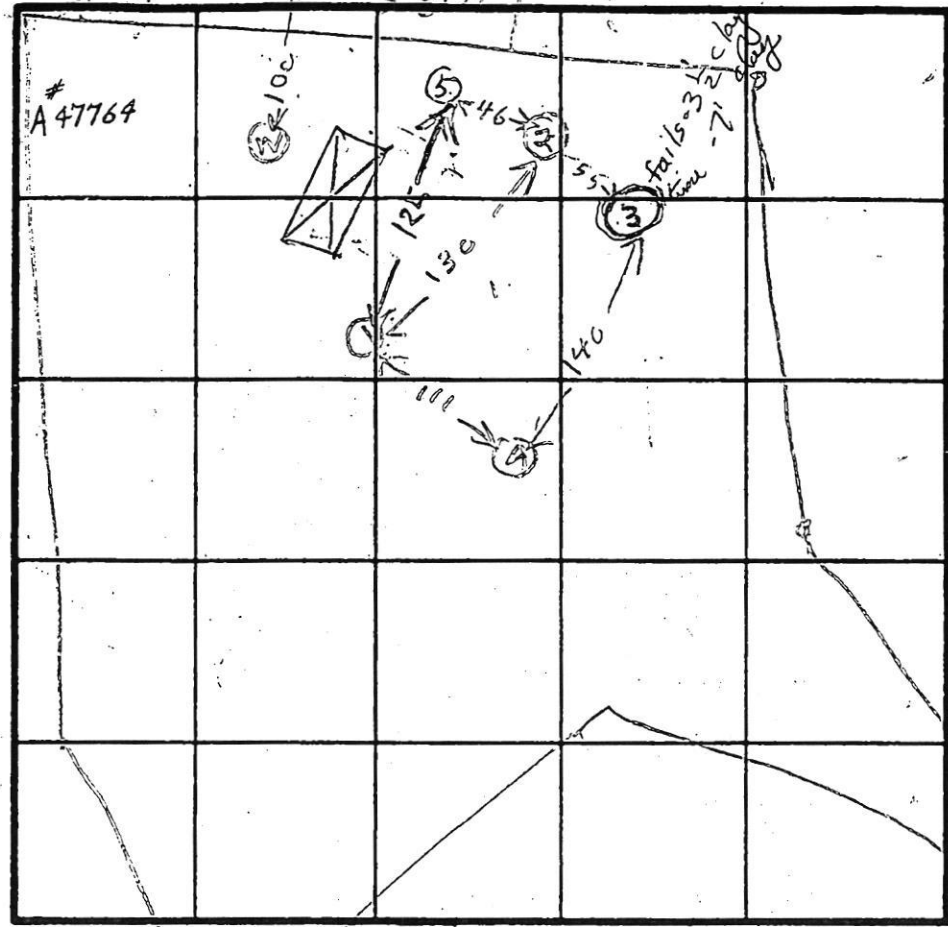
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

LOWE
PROPERTY
LOT 4
A 47764

SOIL PROFILE

TOP SOIL
RED-BROWN
TAN
GRITTY
SAND
LOAM



(5)
TOP SOIL
BROWN
CLAY
TAN
SAND
LOAM

$\bar{X} = 11$
210 BR
INLET 5
BOT 7

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

(2)
TOP SOIL
BROWN
CLAY
TAN
GRITTY
SAND
LOAM

(3)
BROWN
CLAY
BROWN
SAND
CLAY LOAM

(4)
TOP SOIL
BROWN
CLAY
GREEN
BROWN
SAND
LOAM

SURVEYOR	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
#9	3/4/92	1 S	3 1/2	1044	1054	little pore		
		1 D	7 1/2	1045	1050	1050	1055	5
	3/4/92	1 V	12 1/2	OK				
#9		2 S	3 1/2	1049	1101	1st inch 32 min		
		2 D	7	1000	1107	1107	1121	14
		2 V	13	OK				
#6		3 S	3 1/2	1124	1200	1st inch 36 min		
		3 D	7	1110	1157	little pore		
		3 V	7 1/2	9 1/2	1157	factory clay		
#7		4 S	4	1152	1237	little pore		
		4 D	7 1/2	1129	1136	1136	1151	15
	3/5/92	4 V	12	OK				
		5 S	5	1043	1049	1049	1057	8
		5 V	12	OK				

REMARKS Hole (1)(2)(3)(4) dug per Surveyor Scale. Hole (5) dug differently

TYPE OF SOIL

TESTED BY R. HODGES

ALSO PRESENT PAT LINDRITY BACK DIVERIVE

