

APPLICATION

PERCOLATION TESTING

A 516442

P _____

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

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 DONALD R. REUWER

ADDRESS 8000 MAIN ST ELLICOTT CITY, MD PHONE 410 480-9105

AGENT OR PROSPECTIVE BUYER DONALD R. REUWER

ADDRESS 8000 MAIN ST ELLICOTT CITY, MD PHONE 410 480-9105

PROPERTY LOCATION:

SUBDIVISION KANLER PROPERTY LOT NO. TWO

ROAD AND DESCRIPTION EAST SIDE OF ED WARFIELD ROAD AT INTERSECTION
OF ED WARFIELD ROAD AND JENNINGS CHAPEL ROAD

TAX MAP 13 PARCEL # 111

SIZE OF LOT 40,000 +/- 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. DONALD R. REUWER
(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

1409

Red Br
Cl Loam

Red Br
Sa Cl Loam

Red Br
Si Loam

20-30%
Shale

Pockets
of 30-
40% Shale
~50% Rock
Near Bottom

1407

Red Br
Sa Cl Loam
and Si clay
Loam

Tan and
Red Br
Si Loam
Vein of
750%
Rock

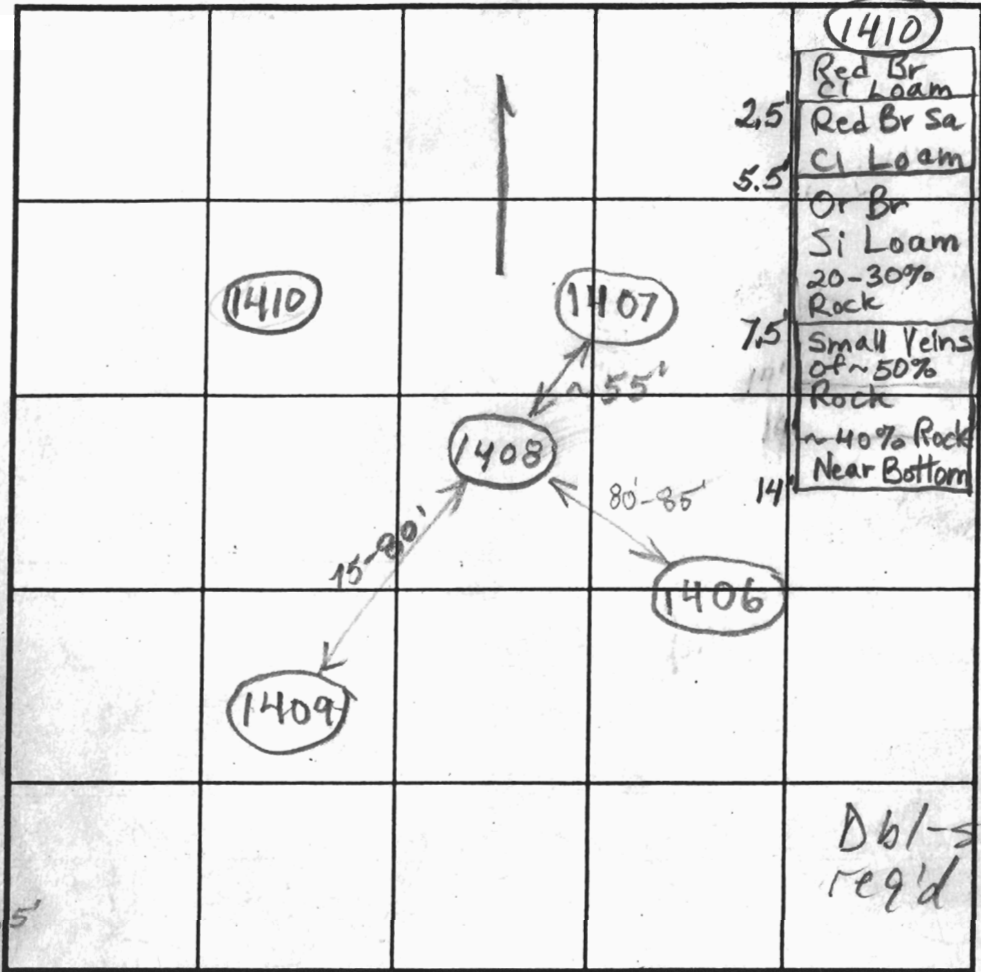
20-30%
Rock

1408

Or Br Si Cl
Loam and
Sa Cl Loam

Red Si
Loam
20-30%
Rt

Or Br
Si Loam
20-30%
Rock



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Ed Warfield Road

SOIL PROFILE

1406

Red Br
Cl Loam

Red Br
Si Cl Loam

Or Br
Si Loam
with small
rock granules

20-30%
Rock

Jennings Chapel Road 4'

Dbl-shelves
req'd on 1406, 1408
for further
review

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/14/02	1409	5'/13'V	11:18	Slow ~ 7/8"				Slow FAIL
	1407	5.5'/13.5'V	11:57	- Pulled				Slow FAIL
	1408	5.5'/14'V	12:15:30	~ 3/8" in 25 minutes				Slow
	1406	5-5.5'/14.5'V	12:44	12:49	12:49	12:56	7	OK
	1409	5.5'	2:57	~ 5/8" in 30 minutes				Slow FAIL
	1408	6'-6.5'	3:35:30	3:47	3:47	4:05	18	OK
	1409	6'	3:43	3:56	3:56			Slow FAIL
				~ 3/8" in 15 minutes				
	1410	5/6/14	TESTS	SLOW	- CLAY			FAIL

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Baker ALSO PRESENT Don, Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

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HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 12/7/01

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 DONALD R. REUWER

ADDRESS 8000 MAIN ST ELLICOTT CITY, MD PHONE 410 480-9105

AGENT OR PROSPECTIVE BUYER DONALD R. REUWER

ADDRESS 8000 MAIN ST ELLICOTT CITY, MD PHONE 410 480-9105

PROPERTY LOCATION:

SUBDIVISION KAMLER PROPERTY LOT NO. ONE

ROAD AND DESCRIPTION EAST SIDE OF ED WARFIELD ROAD AT INTERSECTION
OF ED WARFIELD ROAD AND JENNINGS CHAPEL ROAD

TAX MAP 13 PARCEL # 111

SIZE OF LOT 40,000 +/- 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. DONALD R. REUWER
(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

(1401)

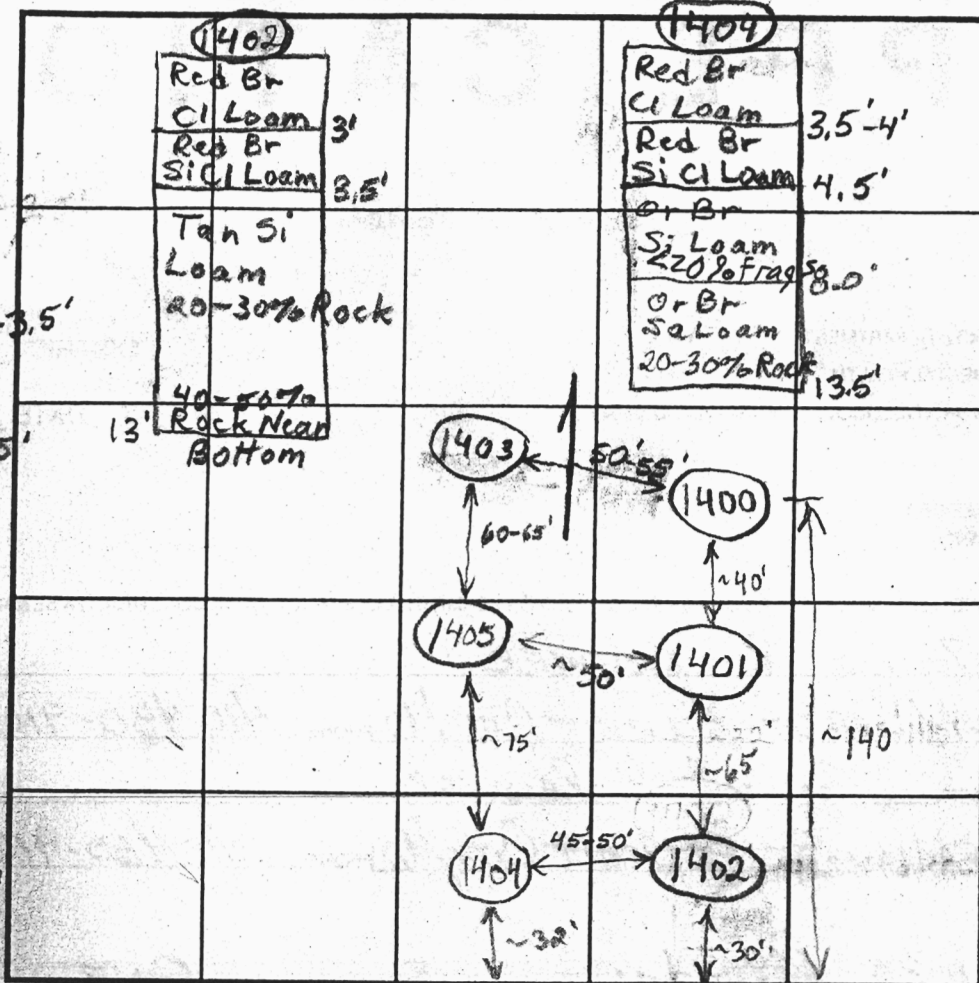
Red Br
Cl Loam
and Or Br
Si Cl Loam
2.5-3.5'
Red Br
Si Loam
+ Si Cl Loam
4.5'
Red Br
Si Loam
~20-30%
Shale
30-40%
Shale near
Bottom
14'

(1405)

Red Br Cl
Loam and
Si Cl Loam
3.5'
Reddish
Br Very
Fine Sa
Loam
20-30%
Shale
Fragments
13.5'

(1403)

Or Br Sa
Cl Loam
3.5'
Red Br
Si Cl Loam
4.5'
Or Br
Si Loam
20-30%
Shale
Fragments
14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Ed Warfield Road

SOIL PROFILE

(1400)

Red Br
Cl Loam
2'
Or Br Sa
Cl Loam
3.5'
White,
Yellow
and Red
Si Loams
20-30%
Rock
11.5'
Pockets
of 75%
Rock

Jennings Chapel Road

Ob shelves
on 1400
1402
1405

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/14/02	1401	6' / 14' V	10:35	10:51	10:51	11:12	21
	1405	5-5.5' / 13.5' V	10:37:30	10:40:30	10:40:30	10:46	5 1/2
	1402	5' / 14' V	1:22	1:26:30	1:26:30	1:31	4 1/2
	1403	5.5' / 14' V	12:51	12:56	12:56	1:06	10
3/18/02	1400	5' / 13' V	1:04	1:09	1:09	1:19	10
	1404	5.5' / 13.5' V	1:46	1:58	1:58	2:20	22
	1400	7.5'	2:28:30	2:32	2:32	2:39:30	7 1/2
	1402	7.5'	2:45:30	2:47:30	2:47:30	2:50:30	3
	1405	7'	4:05	4:09	4:09	4:16:30	7 1/2

OK
↓

REMARKS

TYPE OF SOIL

TESTED BY Brian Baker

ALSO PRESENT Don, Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 14

TRENCH WIDTH 3.0

INLET DEPTH 4

MAXIMUM BOTTOM DEPTH 6

SQ. FT/BEDROOM 210

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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 Kahler Property LOT NO. 2

ROAD AND DESCRIPTION Ed Warfield Road

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

1603

Red Br Heavy Loam

3'-3.5'

Light Red Sa Loam
10-15% Rock

14'

1602

Red Br Heavy cl Loam

4'

Beige Si Loam
15-20% Rock

14.5'

1601

Red Br Heavy Loam

4'

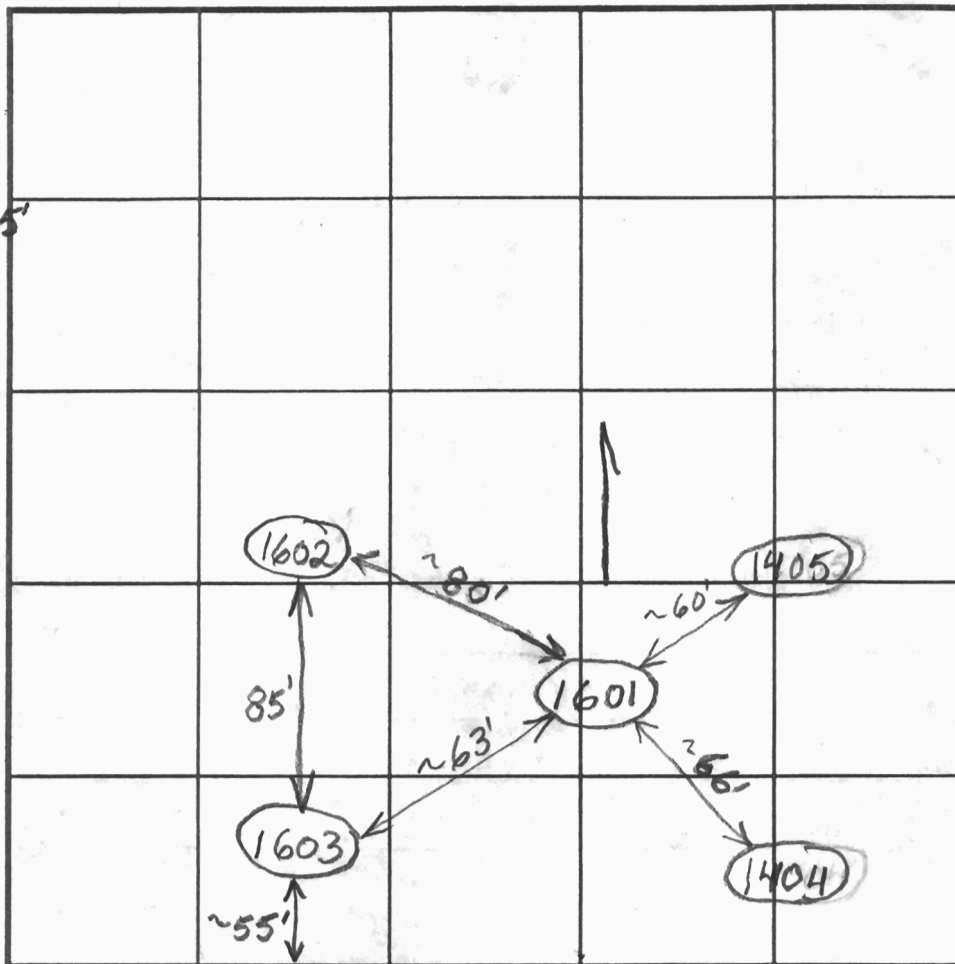
Beige Si Loam
~15% Rock

14'

SOIL PROFILE

0'

Jennings Chapel Road



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Ed Warfield Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/11/02	1603	4.5'/14'v	2:06	2:11:30	2:11:30	2:20:30	9	OK
	7	7'	2:05	2:08	2:08	2:11	3	
	1602	4.5'/14.5'v	2:23	2:27:30	2:27:30	2:35	7 1/2	OK
		7.5'	2:22:30	2:30	2:30	2:48	18	
	1601	4.5'/14'v	2:40	2:49	2:49	3:08	19	OK
		8.5'	2:50	2:57	2:57	2:10	13	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 13 TRENCH WIDTH 3

INLET DEPTH 4' MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 210

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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

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PROPERTY OWNER DONALD R. REUWER

ADDRESS 8000 MAIN ST ELLICOTT CITY, MD PHONE 410 480-9105

AGENT OR PROSPECTIVE BUYER DONALD R. REUWER

ADDRESS MAIN ST ELLICOTT CITY, MD PHONE 410 480-9105

PROPERTY LOCATION:

SUBDIVISION KANLER PROPERTY LOT NO. THREE

ROAD AND DESCRIPTION EAST SIDE OF ED WARFIELD ROAD AT INTERSECTION
OF ED WARFIELD ROAD AND JENNINGS CHAPEL ROAD

TAX MAP 13 PARCEL # 111

SIZE OF LOT 40,000 sq ft TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

(1411)

Red Br
Cl Loam

2.5-3'

Or Br
Si Loam

20-30%
Rock

Pockets of
30-40% Rock

40-50%
Rock

10.5'

11.5-12'

13.5'

(1410)

Red Br
Cl Loam

Red Br
SaCl Loam

Or Br
Si Loam
20-30%
Rock

7.5'

Small Veins
of ~50%
Rock
~40%
Rock Near
Bottom

(1412)

Red Br
Cl Loam

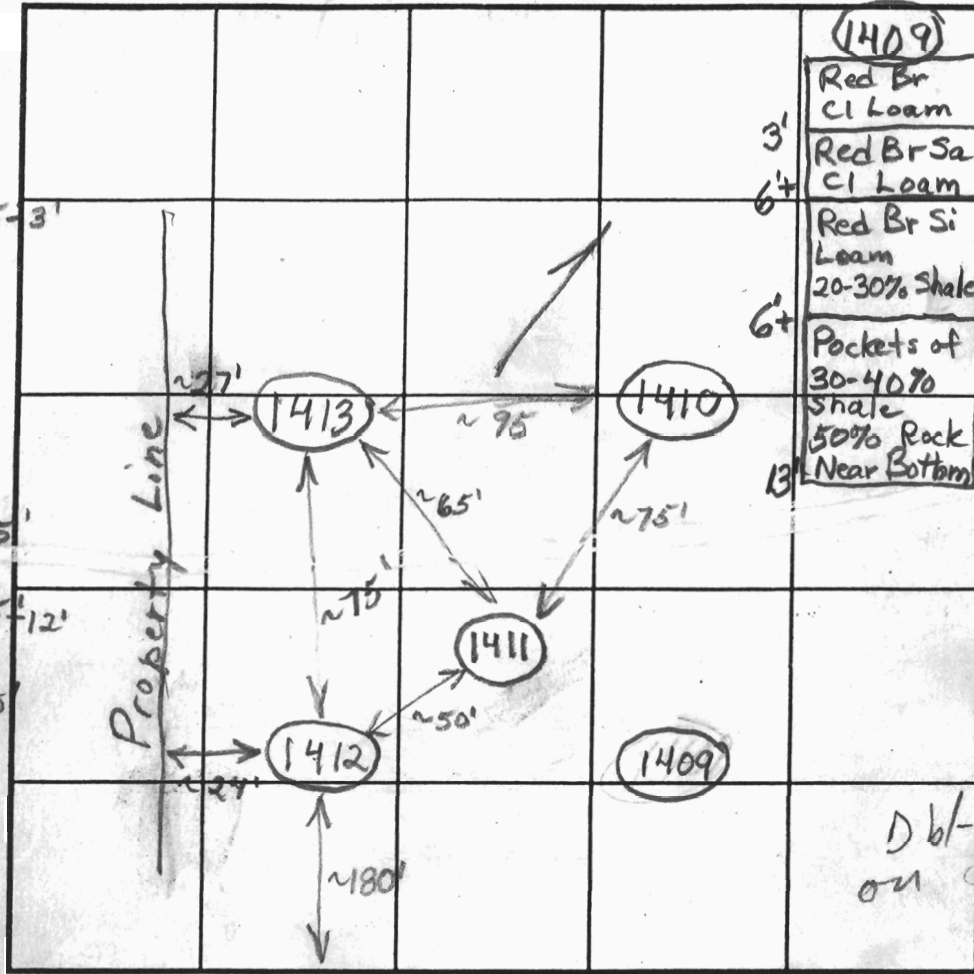
Red Br
SaCl Loam

Tan Sa
Loam

~20-30%
Rock

Pocket
of 750%
Rock from
9'-11.5'

13.5'



SOIL PROFILE

(1413)

Red Br
Cl Loam

3'

Red and
Or Br
SaCl Loam

6'-6.5'

Tan
SaLoam

25-35%
Rock

13'

Jennings Chapel Road

dbl-shelves
on 1411, 1412
1413, 1409

INDICATE NORTH, NAME ADJOINING ROADWAY AS BASE LINE.

Warfield Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/14/02	1411	5'/13.5'	11:22	11:31	11:31	11:40	9
	1410	5'/14'	11:44	11:59	11:59	slow	~45 FAIL
	1412	5'/13.5'	2:27	2:29:30	2:29:30	2:33	3 1/2
	1413	5.5'/13'	2:31	2:54	2:54	3:20	26
	1410	6'	3:32	~15/16" in 30 minutes		slow	FAIL
	1409	5.5/6/13	ALL TESTS SLOW-CLAY				FAIL
3/18/02	1413	7'	1:58	2:03	2:03	2:11:30	8 1/2
	1412	7.5'	2:14:30	2:15:30	2:15:30	2:17:45	2min 15sec
	1411	7.5'	2:56	2:56:30	2:56:30	2:58	1 1/2
		Repour	2:59	3:00:30	3:00:30	3:13:45	3min 15sec

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Baker ALSO PRESENT Don, Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

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BUREAU OF ENVIRONMENTAL HEALTH
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TELEPHONE: 313-2840

DISTRICT _____

DATE _____

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PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Kahler Property LOT NO. 2

ROAD AND DESCRIPTION Ed Warfield Road

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)

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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

(1500)

Br Ct Loam and Topsoil

3'

Red Br Sa Cl Loam

4.5'-5'

Red Br Sa Loam ~20% Rock

6'

Red Br Si Loam

Pockets of ~30% Rock

2.5'

~40% Rock

13.5'

(1501)

Red Cl Loam

3.5'

Red Br Sa Cl Loam

5.0'

Red Si Loam and Sa Loam

A few pockets of ~25% Rock

6.5'

Orange Sa Loam

1.5-2.0 wide Vein of 75% Rock To Bottom ~25% Rock

13.5'

7' →

(1502)

Red Heavy Loam and Topsoil

4'

Red and Or Si Loam

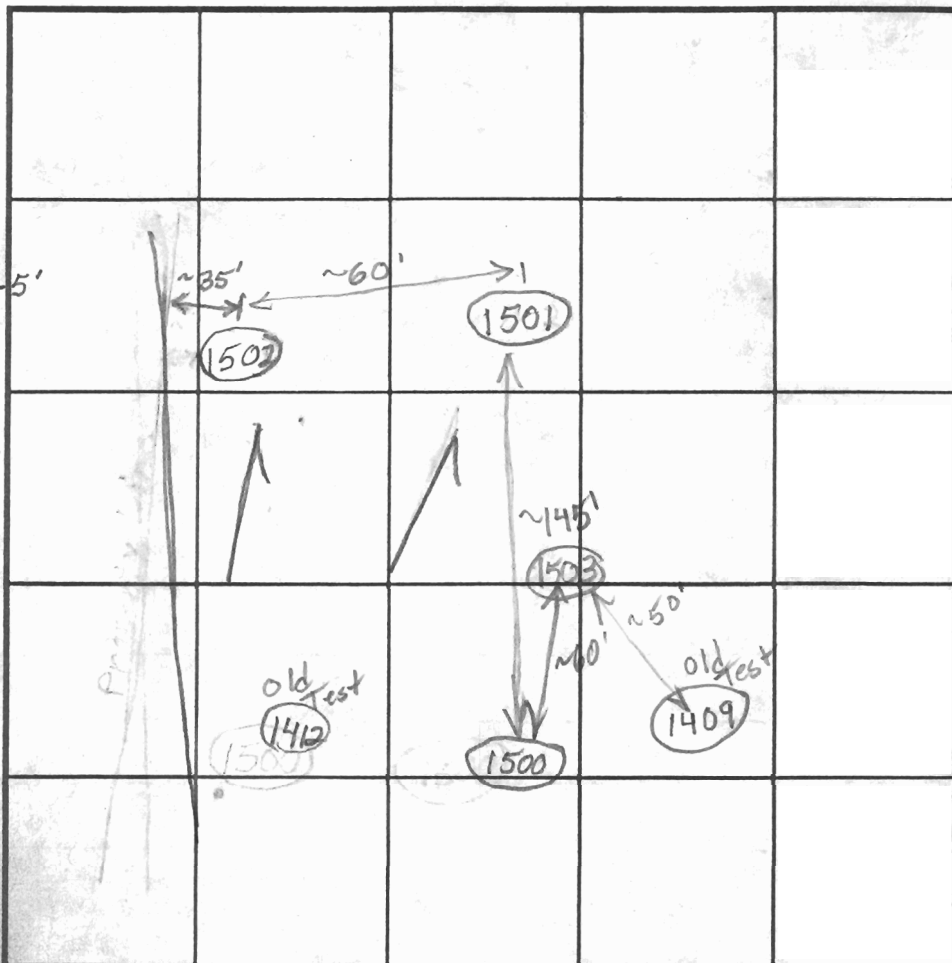
Pockets of ~25% Saprolite

8'-8.5'

Light Br an Or Sa Loam

Large Pocket of ~40% Rock

13.5'



SOIL PROFILE

(1503)

Dr Br Heavy Loam

4.5'

Red Br Heavy Si Loam

15-55% Rock

Dr Tan Sa Loam

1 Small Pocket of ~50% Rock

from B'-9.5'

~40% Rock

Pockets of ~75% Rock

10.5'

Jennings Capital Road

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Ed Wartfield Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
3/18/02	1500	4.5' / 13.5'	12:44	12:46:30	12:46:30	1:50:30	4
		7.5'	12:46	12:51:30	12:51:30	1:00:30	9
	1501	5' / 13.5'	1:05	1:23:30	1:23:30	Pulled Slow Close to 3rd Peg	1:53
		7.5'	1:05	1:10:30	1:10:30	10:13:30	3
	1502	4' / 13.5'	1:26:30	- Pulled ->		slow	F
		7.5'	1:27:30	1:39:30	1:39:30	1:59	19 1/2
	1503	Repour 7.5	3:16:30	3:23:20	3:23:20	3:33	~10
			stake fell over after 1st inch				
			1st inch on initial pour 1 min 40 sec				
			5'	3:37	3:57	3:57	
			Will Probably Pass				

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

dedicated To Howard
Bryland For The
Use Of A Public Roadway
(S.S.)

ED WARFIELD ROAD
Public Access Street
Publicly Maintained

Existing Centerline
Of Roadway

E 392.12' ±
Metric
E

R=4230.00
L=23.71'



Iron Pipe
Found
(Held)

25' No Pt.
For This

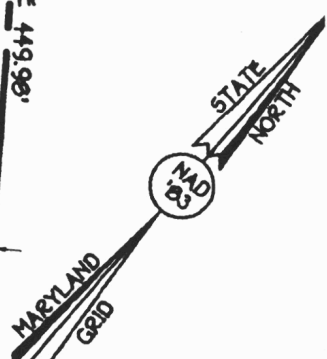
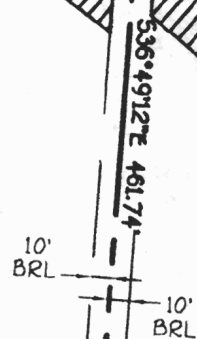
JENNINGS CHAPEL ROAD
Public Access Street
Publicly Maintained

N40°17'50\"/>

N41°00'18\"/>

Lot 1
2.70 Ac.

Lot 2
2.70 Ac.



JOHN
BEBOR
LIBER 244
ZONED

Iron Pipe
Found
(Held)

Iron Pipe
Found
(Held)

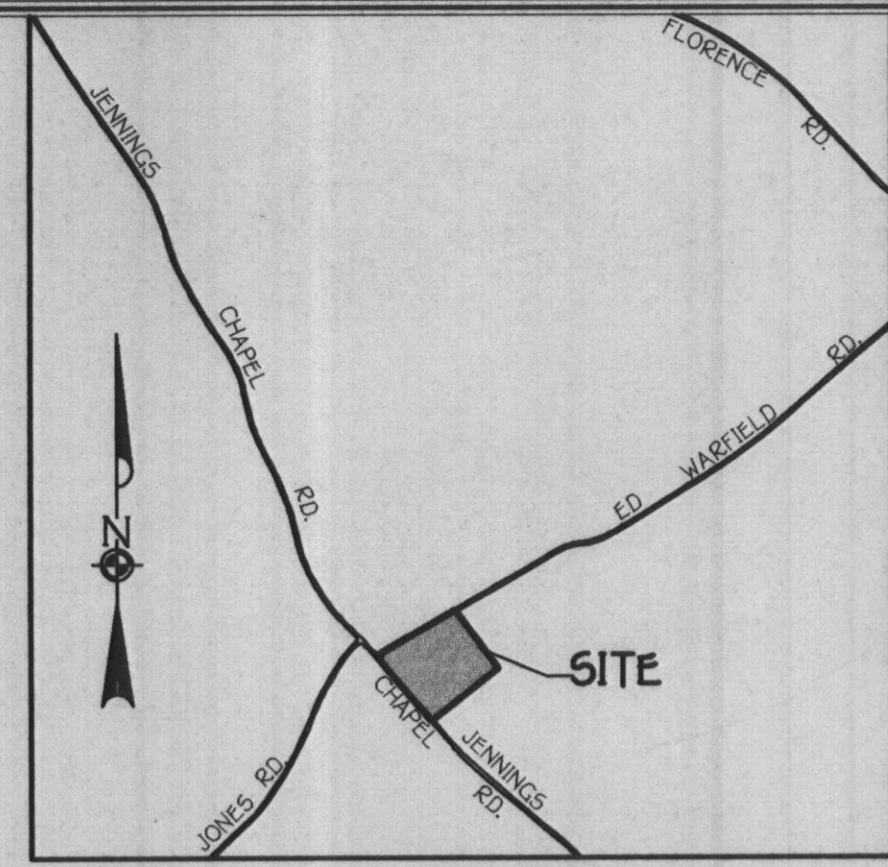
F-03-04

LOT 6
E. SERRIN GANTT AND JAMES A. STE
LIBER 3947, FOLD 613
ZONED: RC-DEP

WATER, INC.
SURVEYORS
NATIONAL PRE

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- DENOTES 15%-24% SLOPES
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES:

1. 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.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
4. ALL SHOWN HOUSE SITES COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
5. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT. IF THE WELL SUCCESS RATE IS ACCOMPLISHED AT VARIOUS LOCATIONS WITHIN THE SITE, THE DEVELOPER SHALL HAVE THE OPTION TO REQUEST RELIEF FROM DRILLING THE REMAINING WELLS PRIOR TO PLAT RECORDATION.
6. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
7. BOUNDARY OUTLINE BASED ON A FIELD RUN SURVEY CONDUCTED BY FISHER, COLLINS AND CARTER, INC. DURING JANUARY, 2002.
8. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
9. DUE TO SLOW PERCOLATION RATES THE PROPOSED DWELLINGS ARE TO BE BUILT WITH A MAXIMUM NUMBER OF 5 BEDROOMS.

SOILS LEGEND

SOIL	NAME	CLASS
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
ChA	Chester silt loam, 0 to 3 percent slopes	B
* GnA	Glenville silt loam, 0 to 3 percent slopes	C

NOTES:

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

**PERC CERTIFICATION PLAT
LOTS 1 AND 2**

KAHLER PROPERTY

TAX MAP #13 PARCEL: 111 ZONED: RC-DEO
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50'
 DATE: MARCH 4, 2002
 REVISED: APRIL 15, 2002
 REVISED: MAY 10, 2002

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: Terrell A. Fisher, Professional Land Surveyor No. 10692
 Date: _____

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
 Signature of County Health Officer: _____
 COUNTY HEALTH OFFICER: BB DATE: 5/20/02

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 481-2895

W.O. 30765