

# APPLICATION

PERCOLATION TESTING

A 516442

P \_\_\_\_\_

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

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 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

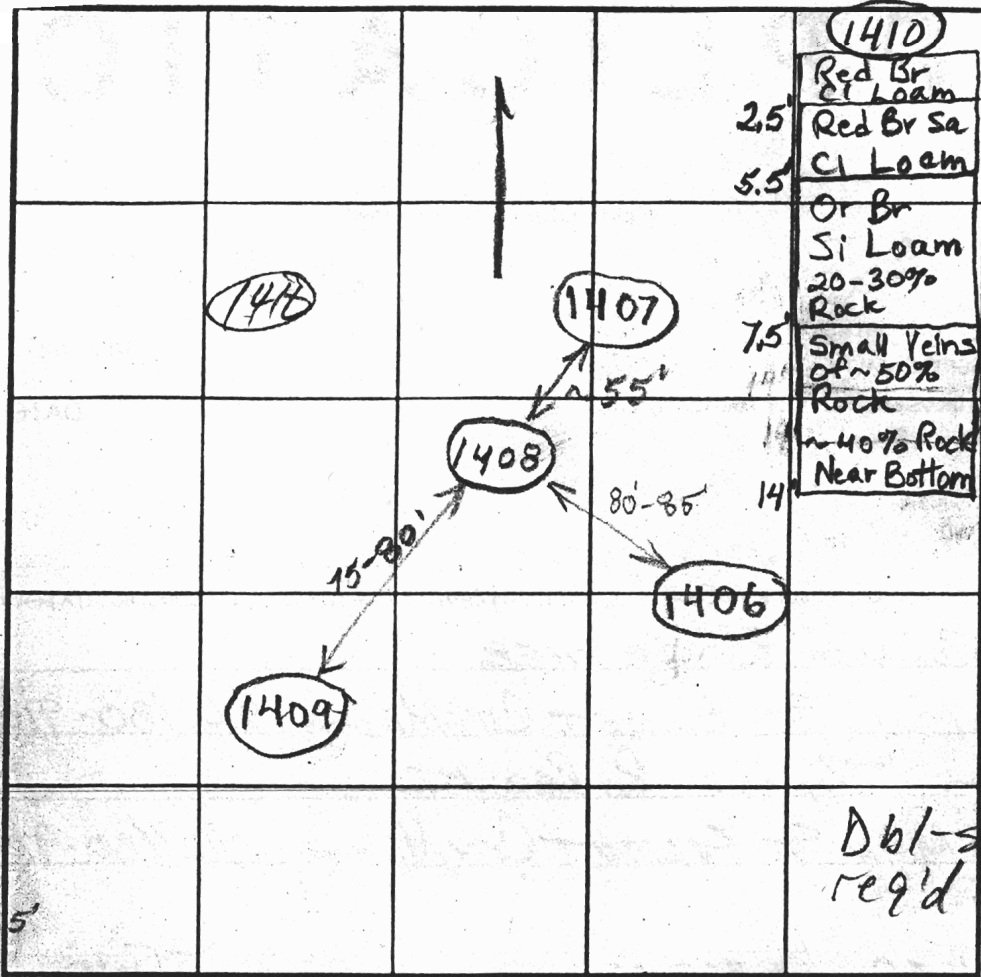
COUNTY #

SOIL PROFILE

**(1409)**  
 Red Br  
 Cl Loam  
 3'  
 Red Br  
 Sa Cl Loam  
 6'  
 Red Br  
 Si Loam  
 20-30%  
 Shale  
 10.5'  
 Pockets  
 of 30-  
 40% Shale  
 ~50% Rock  
 Near Bottom  
 13'

**(1407)**  
 Red Br  
 Sa Cl Loam  
 and Si clay  
 Loam  
 6'-6.5'  
 Tan and  
 Red Br  
 Si Loam  
 Vein of  
 750%  
 Rock  
 10.5'  
 20-30%  
 Rock  
 13.5'

**(1408)**  
 Or Br Si Cl  
 Loam and  
 Sa Cl Loam  
 6'  
 Red Si  
 Loam  
 20-30%  
 Rock  
 8'  
 Or Br  
 Si Loam  
 20-30%  
 Rock



**(1410)**  
 Red Br  
 Cl Loam  
 2.5'  
 Red Br Sa  
 Cl Loam  
 5.5'  
 Or Br  
 Si Loam  
 20-30%  
 Rock  
 7.5'  
 Small Veins  
 of ~50%  
 Rock  
 ~40% Rock  
 Near Bottom  
 14'

SOIL PROFILE

**(1406)**  
 Red Br  
 Cl Loam  
 2.5'  
 Red Br  
 Si Cl Loam  
 Or Br  
 Si Loam  
 with small  
 rock granules  
 20-30%  
 Rock  
 14.5'

Jennings Chapel Road 4'

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

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  |      |           |
| 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 \_\_\_\_\_

# APPLICATION

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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 \_\_\_\_\_ 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

1603

Red Br Heavy Loam

3-3.5'

Light Red Sa Loam  
10-15% Rock

14'

1602

Red Br Heavy Loam

4'

Beige Si Loam  
15-20% Rock

14.5'

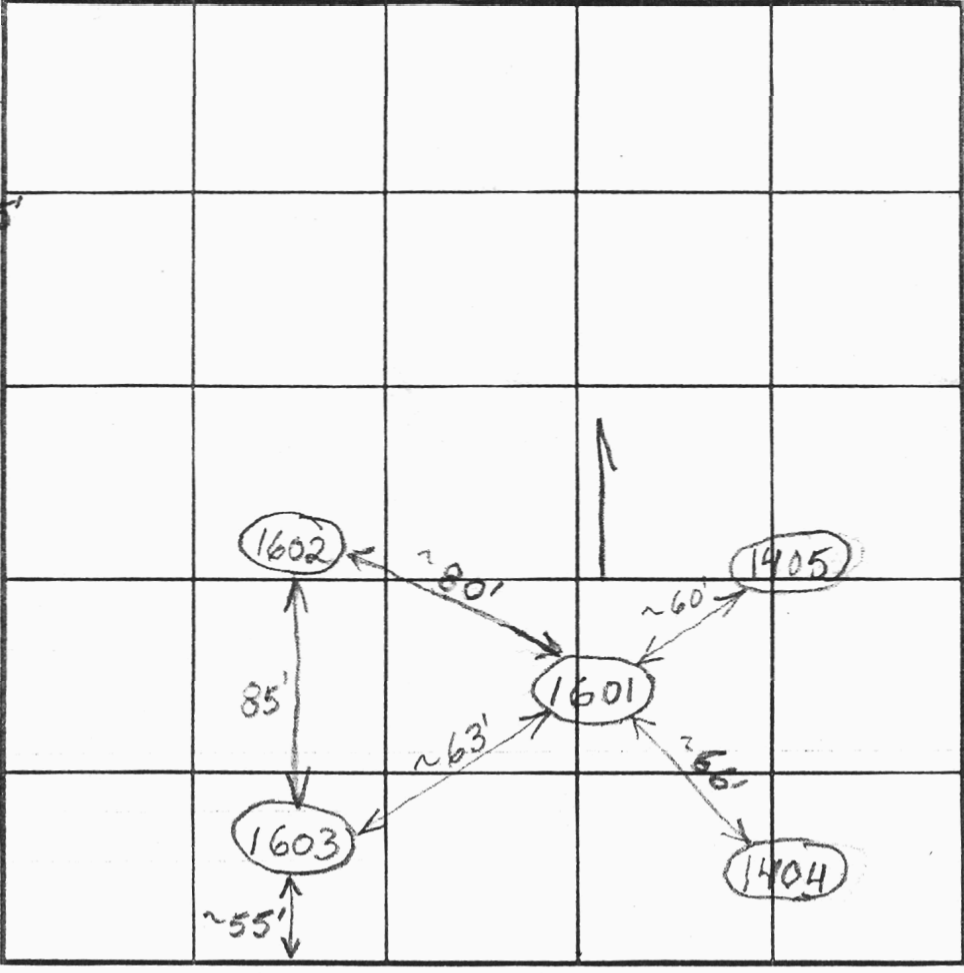
1601

Red Br Heavy Loam

4'

Beige Si Loam  
~15% Rock

14'



SOIL PROFILE

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 12 TRENCH WIDTH 3

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

# APPLICATION

PERCOLATION TESTING

A 516442

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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 12/7/01

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

PROPERTY LOCATION:

SUBDIVISION KANLER 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)

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(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

(1401)

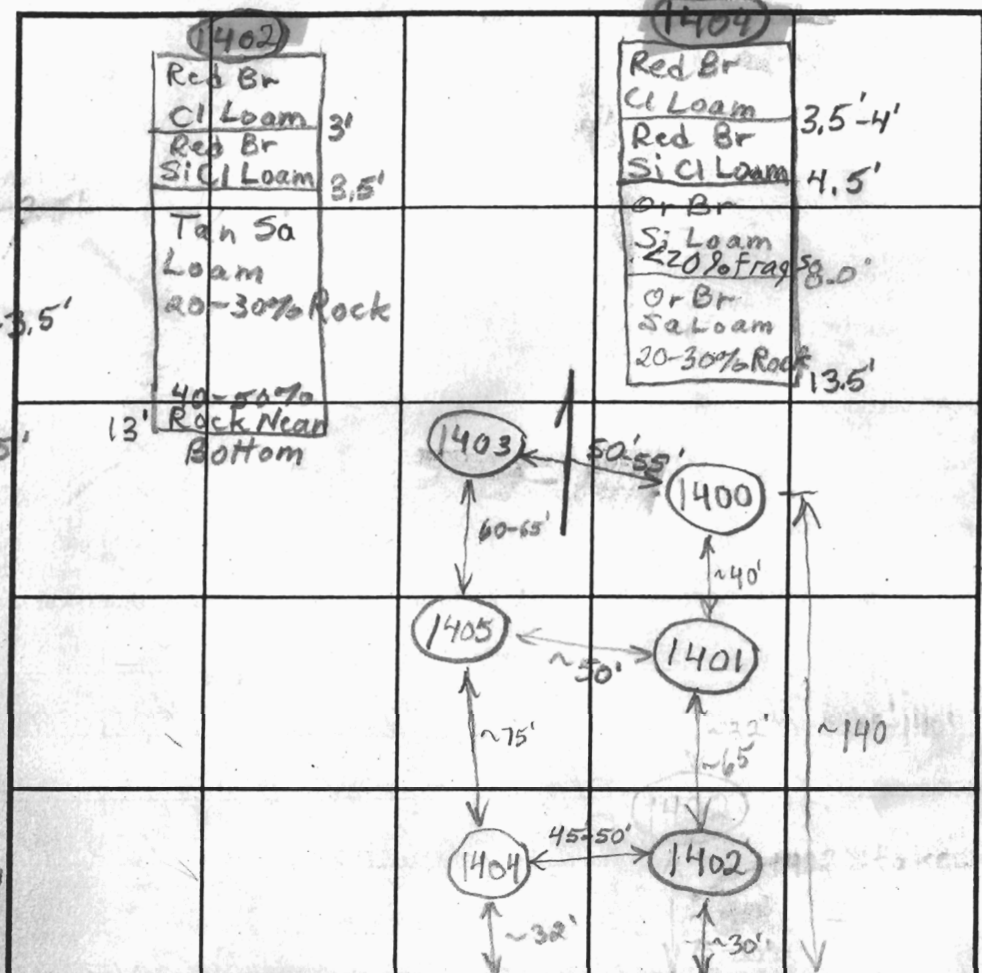
Red Br  
Cl Loam  
and Or Br  
Si Cl Loam  
2.5-3.5'  
Red Br  
Si Loam  
+ Si Cl Loam  
4.5'  
Red Br  
Si Loam  
~20-30%  
Shale  
30-40%  
Shale near  
Bottom  
14'

(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'



SOIL PROFILE

(1400)

Red Br  
Cl Loam  
2'  
Or Br Sa  
Cl Loam  
3.5'  
White,  
Yellow  
and Red  
Si Loam  
20-30%  
Rock  
11.5'  
Pockets  
of 750%  
Rock

Jennings Chapel Road

Ob shelves  
on 1400  
1402  
1405

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    |       |
| 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    |
|         | 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    |
| 3/18/02 | 1400     | 7.5'             | 2:28:30  | 2:32:45  | 2:32:15        | 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 \_\_\_\_\_

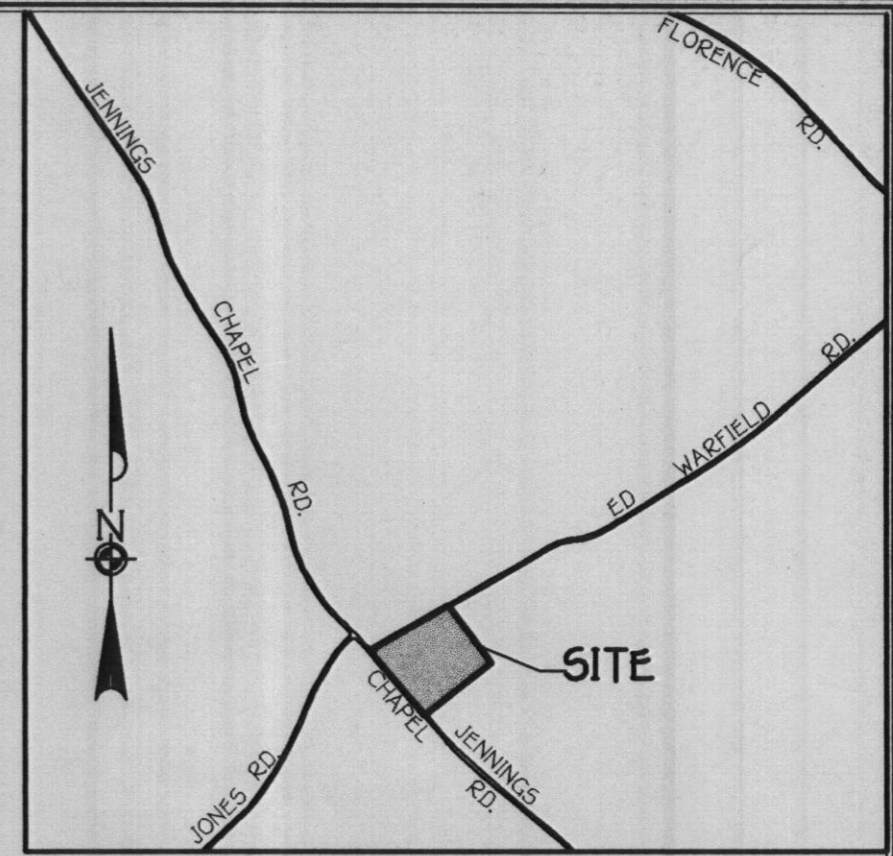
TESTED BY Brian Baker ALSO PRESENT Don, Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 14 TRENCH WIDTH 3.0

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

**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%-24.9% SLOPES
- DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



**VICINITY MAP**  
SCALE: 1" = 1200'

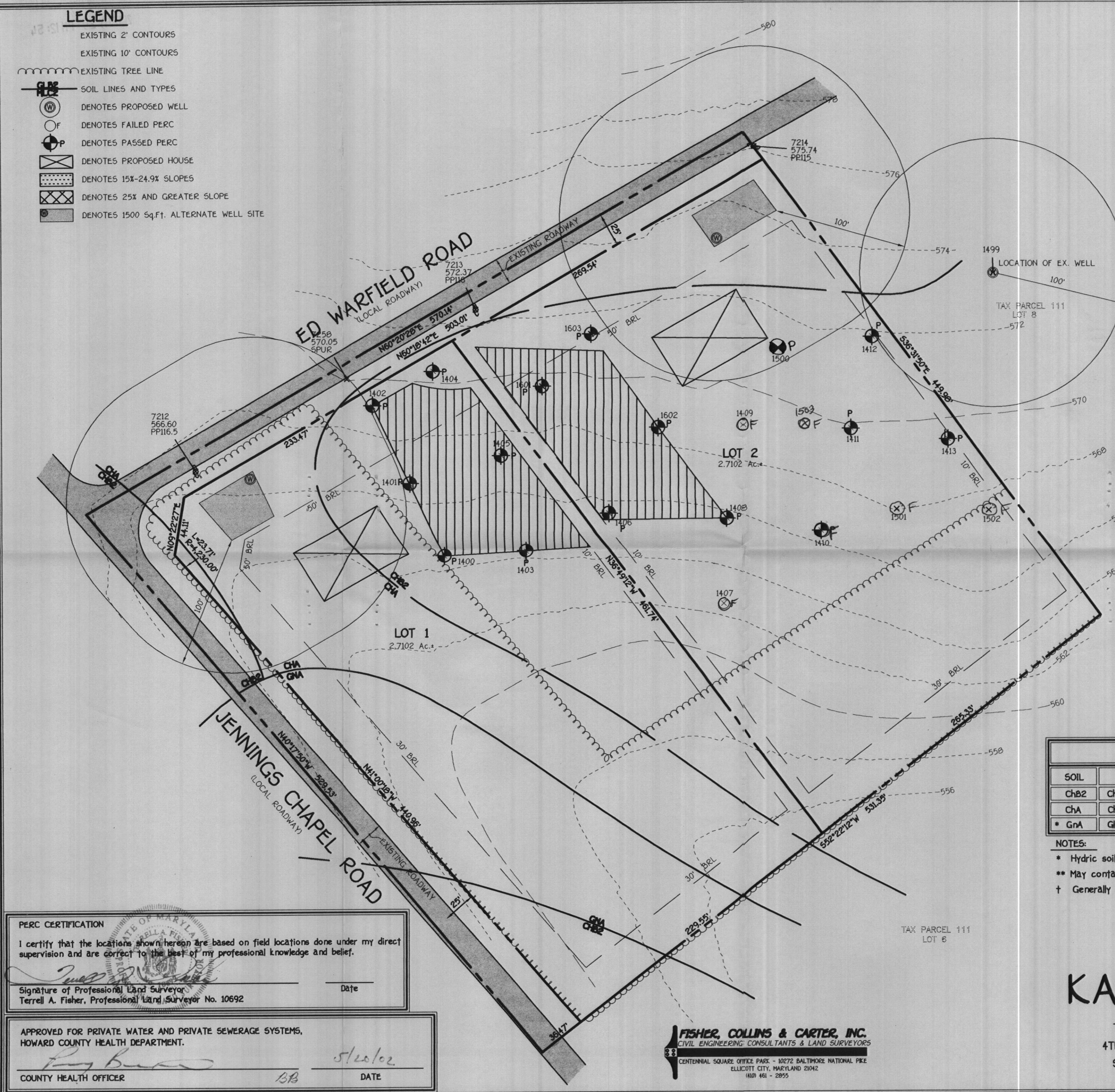
**GENERAL NOTES:**

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.

| <b>SOILS LEGEND</b> |   |       |
|---------------------|---|-------|
| SOIL                | NAME  | CLASS |
| ChB2                | Chesler silt loam, 3 to 8 percent slopes, moderately eroded | B     |
| ChA                 | Chesler 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**

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* Date: \_\_\_\_\_  
 Terrell A. Fisher, Professional Land Surveyor No. 10692

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

Signature of County Health Officer: *[Signature]* DATE: *5/22/02*  
 COUNTY HEALTH OFFICER: \_\_\_\_\_

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLETTT CITY, MARYLAND 21042  
 (410) 461 - 2855

**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

W.O. 30765

**U.S. Equivalent Coordinate Table**

**Metric Coordinate Table**

| Point | North     | East       | Point | North     | East      |
|-------|-----------|------------|-------|-----------|-----------|
| 6501  | 509910.83 | 1206716.90 | 6501  | 179807.62 | 392192.10 |
| 6506  | 509990.28 | 1206593.61 | 6506  | 179831.84 | 391959.45 |
| 6507  | 590280.40 | 1206449.05 | 6507  | 179917.83 | 392110.46 |
| 6510  | 509594.41 | 1206296.08 | 6510  | 179708.74 | 392063.83 |
| 6511  | 509616.67 | 1206324.97 | 6511  | 179715.52 | 392072.64 |
| 6512  | 509949.45 | 1206035.64 | 6512  | 179816.95 | 391984.45 |
| 6513  | 509967.30 | 1206020.03 | 6513  | 179822.39 | 391979.69 |
| 6514  | 590010.82 | 1206027.22 | 6514  | 179835.66 | 391981.88 |
| 6515  | 590259.95 | 1206464.20 | 6515  | 179911.60 | 392115.08 |

**Curve Data Tabulation**

| Curve     | Radius    | Arc    | Delta     | Tangent | Chord Bearing And Distance |
|-----------|-----------|--------|-----------|---------|----------------------------|
| 6512-6513 | 4,230.07' | 23.71' | 00°19'16" | 11.86'  | N11°09'57"W 23.71'         |

The Requirements §3-108, The Real Property Article, Annotated Code Of Maryland, 1988 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* 7/19/02  
 Terrell A. Fisher, L.S. #10692 Date  
 (Registered Land Surveyor)

*Donald R. Reuver*  
 Ellicott City Land Holding, Inc. Date  
 By Donald R. Reuver, Jr., President

**Reservation Of Public Utility Easements**

"Developer Reserves unto itself, its successors and assigns, all easements shown on this plan for water, sewer, storm drainage, other public utilities, located in, on, over, and through Lots 1 and 2, any conveyances of the aforesaid lots shall be subject to the easements herein reserved, whether or not expressly stated in the deeds conveying said lots. Developer shall execute and deliver deeds for the easements herein reserved to Howard County. Upon completion of the public utilities and their acceptance by Howard County, the County shall accept the easements and record the deeds of easement in the land records of Howard County."

**Area Tabulation**

|  |            |
|--|------------|
| Total Number Of Buildable Lots To Be Recorded  | 2          |
| Total Number Of Open Space Lots To Be Recorded | 0          |
| Total Number Of Lots To Be Recorded            | 2          |
| Total Area Of Buildable Lots To Be Recorded    | 5,420 Ac.± |
| Total Area Of Open Space Lots To Be Recorded   | 0.000 Ac.  |
| Total Area Of Lots To Be Recorded              | 5,420 Ac.± |
| Total Area Of Roadway To Be Recorded           | 0.730 Ac.± |
| Total Area To Be Recorded                      | 6,150 Ac.± |

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

Howard County Health Officer \_\_\_\_\_ Date \_\_\_\_\_

APPROVED: Howard County Department Of Planning And Zoning.

Chief, Development Engineering Division \_\_\_\_\_ Date \_\_\_\_\_

Director \_\_\_\_\_ Date \_\_\_\_\_

**Owner's Certificate**

Ellicott City Land Holding, Inc., By Donald R. Reuver, Jr., President, Owner 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 18th Day Of July, 2002.

*Donald R. Reuver*  
 Donald R. Reuver, Jr., President

Ellicott City Land Holding, Inc.  
 By Donald R. Reuver, Jr., President

*Deborah L. Reuver*  
 Witness

Witness

**Surveyor's Certificate**

I Herby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of All Of The Lands Conveyed By Gary R. Kahler And Gudrun N. Kahler To Ellicott City Land Holding, Inc. By Deed Dated March 15, 2002 And Recorded Among The Land Records Of Howard County, Maryland In Liber No. 6064 At Folio 445, 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 Requirements.

*Terrell A. Fisher*  
 Terrell A. Fisher, Professional Surveyor No. 10692

7/19/02  
 Date

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

**KAHLER PROPERTY**  
 Lots 1 And 2

(Zoning: RC-DEO)

Tax Map: 13 Parcel: 111 Grid: 22  
 Fourth Election District  
 Howard County, Maryland

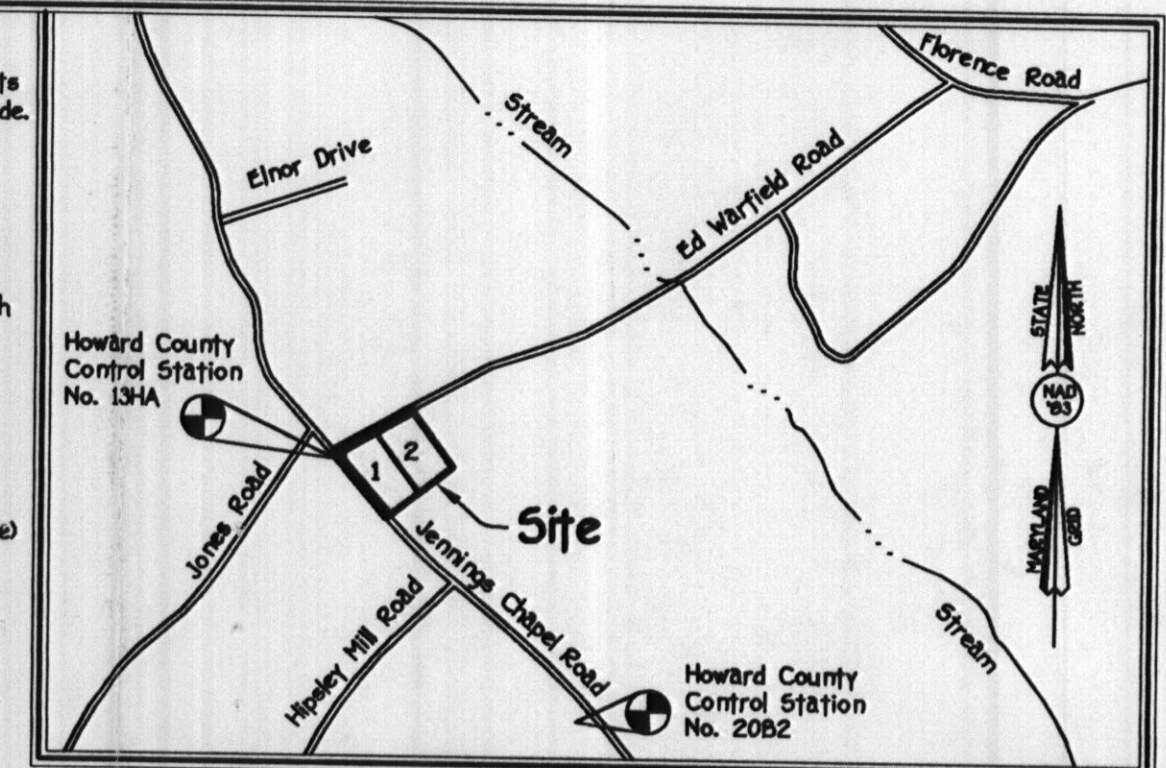
0' 100' 150' 200'  
 Scale: 1" = 100'

Date: July 17, 2002  
 Sheet 1 of 1

F02-

**General Notes Continued:**

- This Subdivision Plat Is Exempt From Forest Conservation Requirements In Accordance With Section 16.1202(b)(XVIII) Of The Howard County Code.
- No Burial Grounds Or Cemeteries Exist On-Site.
- No Historic Districts Are Adjacent To This Site.
- This Site Is Not Adjacent To A Scenic Road.
- In Accordance With The Howard County Design Manual, Vol. 1, Sect. 5, Stormwater Management For This Project Has Been Provided By The Use Of "Disconnection Of Rooftop Runoff" & "Disconnection Of Non-Rooftop Runoff" Credits. Refer To The Supplemental Plan On File With This Subdivision For House Location And Site Grading Criteria.
- This Plat Is In Compliance With The Fifth Edition Of The Subdivision And Land Development Regulations.
- Section 16.120(b)(2)(ii) Of The Howard County Subdivision & Land Development Regulations Allows Land Dedicated For Street Widening In A Minor Subdivision To Be Counted Up To 10% Of The Minimum Lot Size Requirements:  
 3,000 Acres - 10% (3,000 Acres) = 2,700 Acres (Minimum Lot Size)  
 Lot 1 Acreage = 2,710 Ac.±  
 Lot 2 Acreage = 2,710 Ac.±
- No Previous Department Of Planning And Zoning File Numbers Exist For This Property.



**Vicinity Map**  
 Scale: 1" = 1200'

**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 10/18/93 Comprehensive Zoning Plan.
- Coordinates Based On Nad '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 13HA And No. 20B2.  
 Sta. 13HA N 509,965.109 (feet) E 1,205,964.906 (feet)  
 Sta. 20B2 N 508,346.299 (feet) E 1,207,505.504 (feet)
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About January 21, 2002, By Fisher, Collins & Carter, Inc.
- B.R.L. Denotes Building Restriction Line.
- Denotes Iron Pin Set Capped "F.C.C. 106".
- Denotes Iron Pipe Or Iron Bar Found.
- Denotes Angular Change In Bearing Or Rights-Of-Way.
- Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
- Denotes Concrete Monument Or Stone Found.
- Driveways Shall Be Provided Prior To Issuance Of A Use And Occupancy Permit 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, 1/2" 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 1 Foot Depth Over Surface;  
 f) Structure Clearances - Minimum 12 Feet;  
 g) 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.
- No Wetlands Exist Within The Limits Of This Submission As Delineated By Eco-Science Professionals, Inc. On July 17, 2002.
- No 100 Year Floodplain Exists On Lots 1 And 2.
- Landscaping For Lots 1 And 2 Are Provided In Accordance With A Certified Landscape Plan On File With This Plat In Accordance With Section 16.124 Of The Howard County Code And Landscape Manual. Financial Surety For Lot 1 And 2 Will Be Paid With The Builders Grading Permit Application In The Amount Of \$1,500.00.

**PURPOSE NOTE:**  
 THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE THE EXISTING PARCEL INTO TWO BUILDABLE LOTS.

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461-2855

**Owner / Developer**

Ellicott City Land Holding, Inc.  
 c/o Mr. Donald R. Reuver, Jr.  
 8000 Main Street  
 Ellicott City, Maryland  
 21043

LOT 6  
 E. SERRIN GANTT AND JAMES A STEWARD  
 LIBER 3941, FOLIO 613  
 ZONED: RC-DEO

LOT 8  
 JOHN T. DERWART AND  
 BEBORAH P. DERWART  
 LIBER 2400, FOLIO 238  
 ZONED: RC-DEO

N 179,679.9612  
 Metric  
 N 50,9500  
 E 394,973.5079  
 E 1,206,000

N 179,679.9612  
 Metric  
 N 509,500  
 E 392,270.3065  
 E 1,207,000

N 179,904.7618  
 Metric  
 N 590,500  
 E 392,125.9082  
 E 1,206,500