

3/11/03
9:30

APPLICATION

PERCOLATION TESTING

A REPAIR
P 518563

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

3/7/03 Perc to
Est. Septic
Repair Area
For Plat Recordation
MR

DISTRICT _____

DATE 3-7-03

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Kathy Quesenberry

ADDRESS 8447 Rolling Ridge Ct PHONE 410-465-2638

AGENT OR PROSPECTIVE BUYER Tim Peters

ADDRESS 3607 Turkeyfoot Rd WEST MD 21158 PHONE 410-984-5464

PROPERTY LOCATION:

SUBDIVISION Rolling Ridge LOT NO. Lot 1

ROAD AND DESCRIPTION old Frederick + Rolling Ridge Ct

TAX MAP 18 PARCEL # 320

SIZE OF LOT 1.10 ac. 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.

[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

0'

45

8

4

1

2

1.

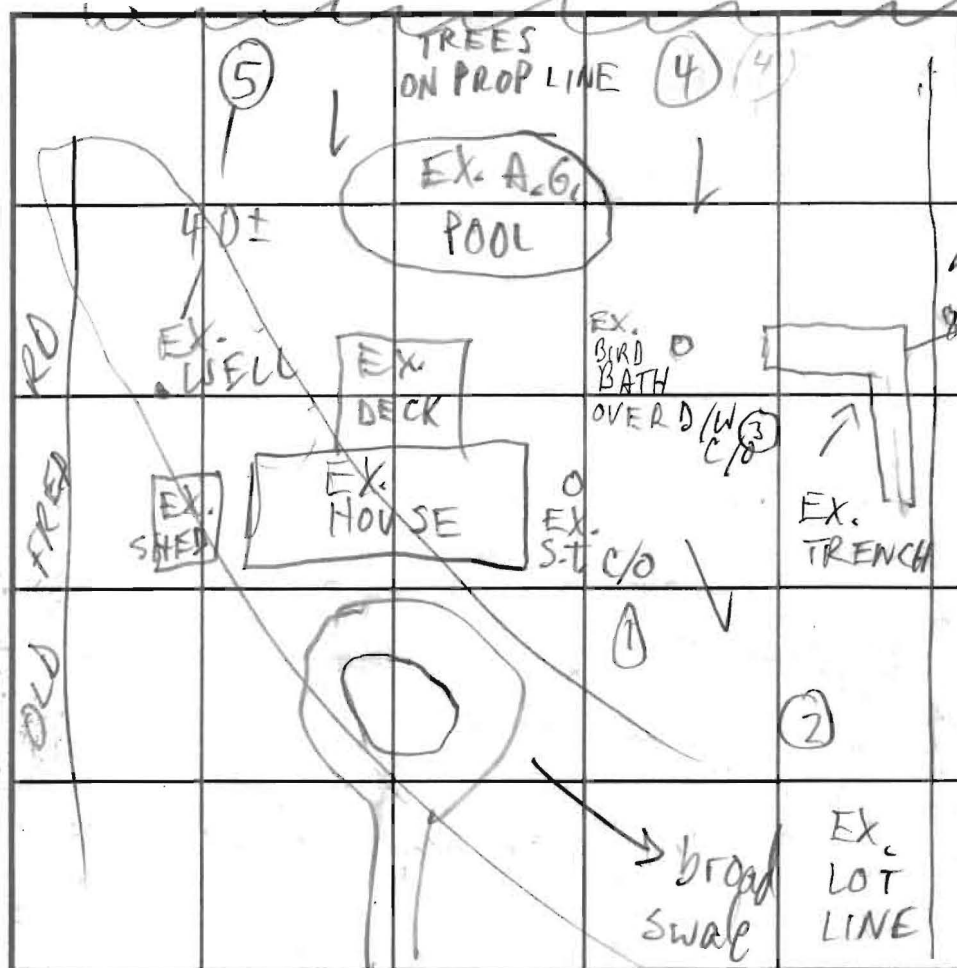
4

A9

□

210

13



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROLLING RIDGE

[illegible]

REMARKS

TYPE OF SOIL

TESTED BY M. R. F. K. M.

ALSO PRESENT D. Reagan, bldr

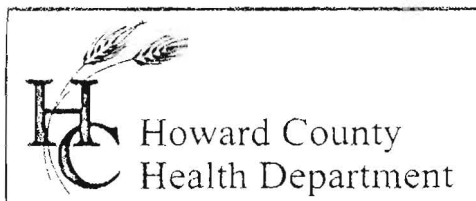
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

March 31, 2003

Mr. & Mrs. Quesenberry
8447 Rolling Ridge Court
Ellicott City, MD 21043

RE: Percolation Test Results – A518653
Establish Repair Area in Support of Plat
Rolling Ridge, Lot 1
8447 Rolling Ridge Court

Dear Mr. and Mrs. Quesenberry:

Percolation testing conducted March 11, 2003 on the referenced property indicated unsatisfactory soil conditions due to shallow groundwater downhill of the existing septic drywell. Satisfactory soils were found uphill of the existing drywell. 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) the existing house, accessory structures, well, and septic system on the property
- 3) all proposed structures
- 4) a suitable schedule for sealing of the existing well due to its proximity to the proposed structure and location downhill of septic repair area to be established by this plan
- 5) a purpose statement
- 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 depicted topography reflects field-matched information
- 8) a note stipulating that future septic repairs will require installation of a pump and a pump chamber and abandonment of the existing drywell

Bear in mind the septic repair area established by this plan is not subject to the standard 10,000 ft² requirement. 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 according to the above information.

Very truly yours,

Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

cc: Tim Peters ✓
File

**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Ronald B. Carter, L.S.
Charles J. Crovo, Sr., P.E., L.S.

May 9, 2003

Mr. Mark Rifkin
Howard County Health Dept.
3525 Ellicott Mills Dr.
Ellicott City, MD 21043

RE: #8447 S. Rolling Ridge Court
Perc Certification Plan
Quesenberry Property

Dear Mark:

A.518563

On behalf of our client, Mr. Tim Peters, we have field surveyed the above referenced property located at 8447 S. Rolling Ridge Court to identify the existing building and site improvements, septic test sites and topography to prepare a Perc Certification Plan for your review and approval.

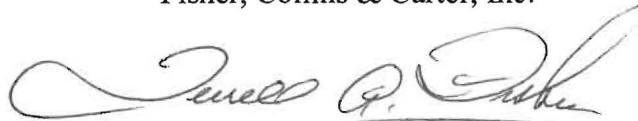
It is our understanding that a 12' x 12' addition will be extended from the existing house and a 24' x 24' detached garage will be added. Both of these building entities are shown on the enclosed Perc Certification Plan.

We are enclosing two (2) prints of this Perc Certification Plan and photocopy of your notes for this site.

Understanding that this is a unique well and septic situation, please notify either myself or Mr. Tim Peters at 410-984-5464 if you require any additional information.

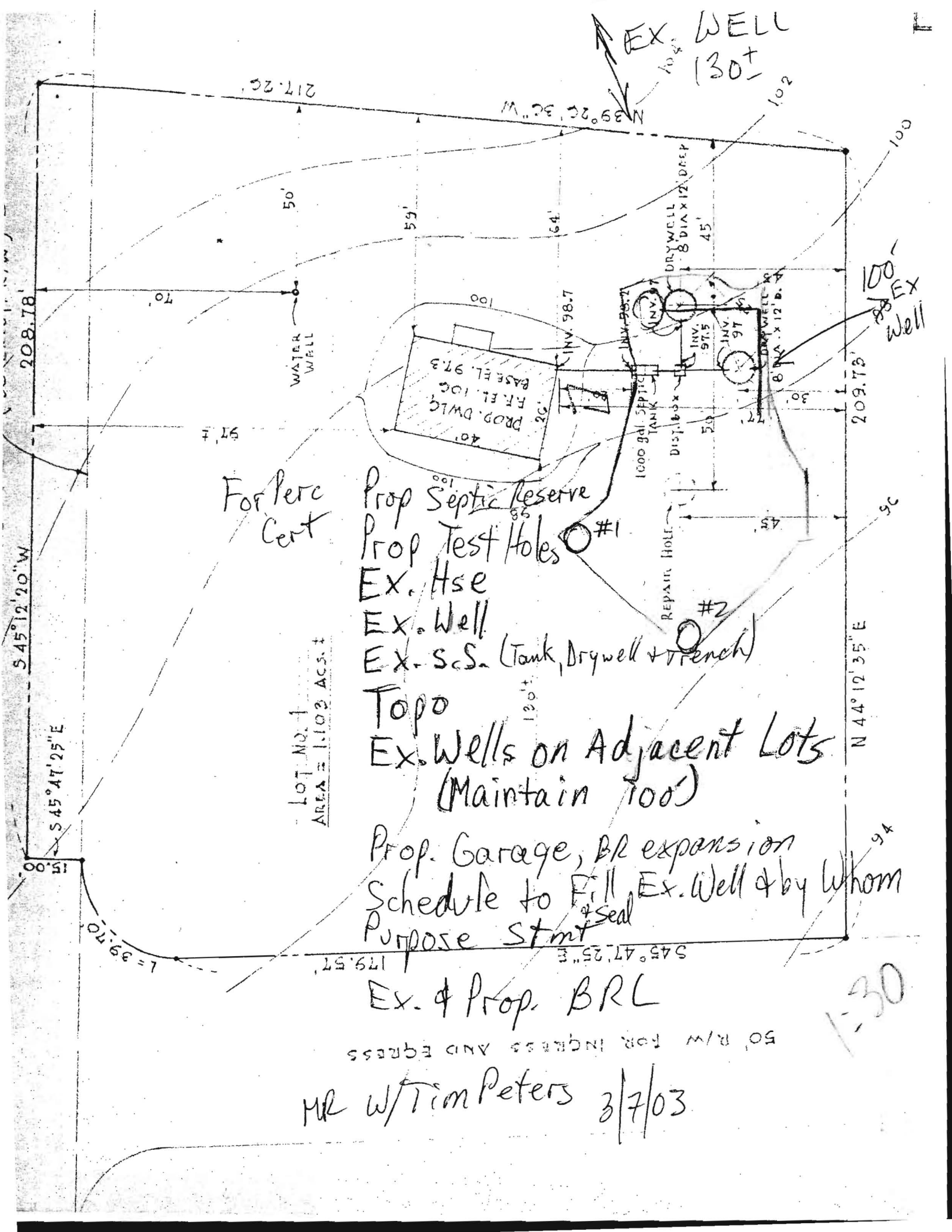
Thanks, as always, for your help.

Very truly yours,
Fisher, Collins & Carter, Inc.



Terrell A. Fisher, P.E., L.S.

WO #30792
c.c. Mr. Tim Peters (w/print)



EX. WELL 130'

100' EX Well

For Perc Cent

Prop Septic Reserve

Prop Test Holes #1

Ex. Hse

Ex. Well

Ex. S.C.S. (Tank, Drywell + trench)

Topo

Ex. Wells on Adjacent Lots (Maintain 100')

Prop. Garage, BR expansion

Schedule to Fill Ex. Well & by Whom Purpose Stmt Seal

Ex. & Prop. BRL

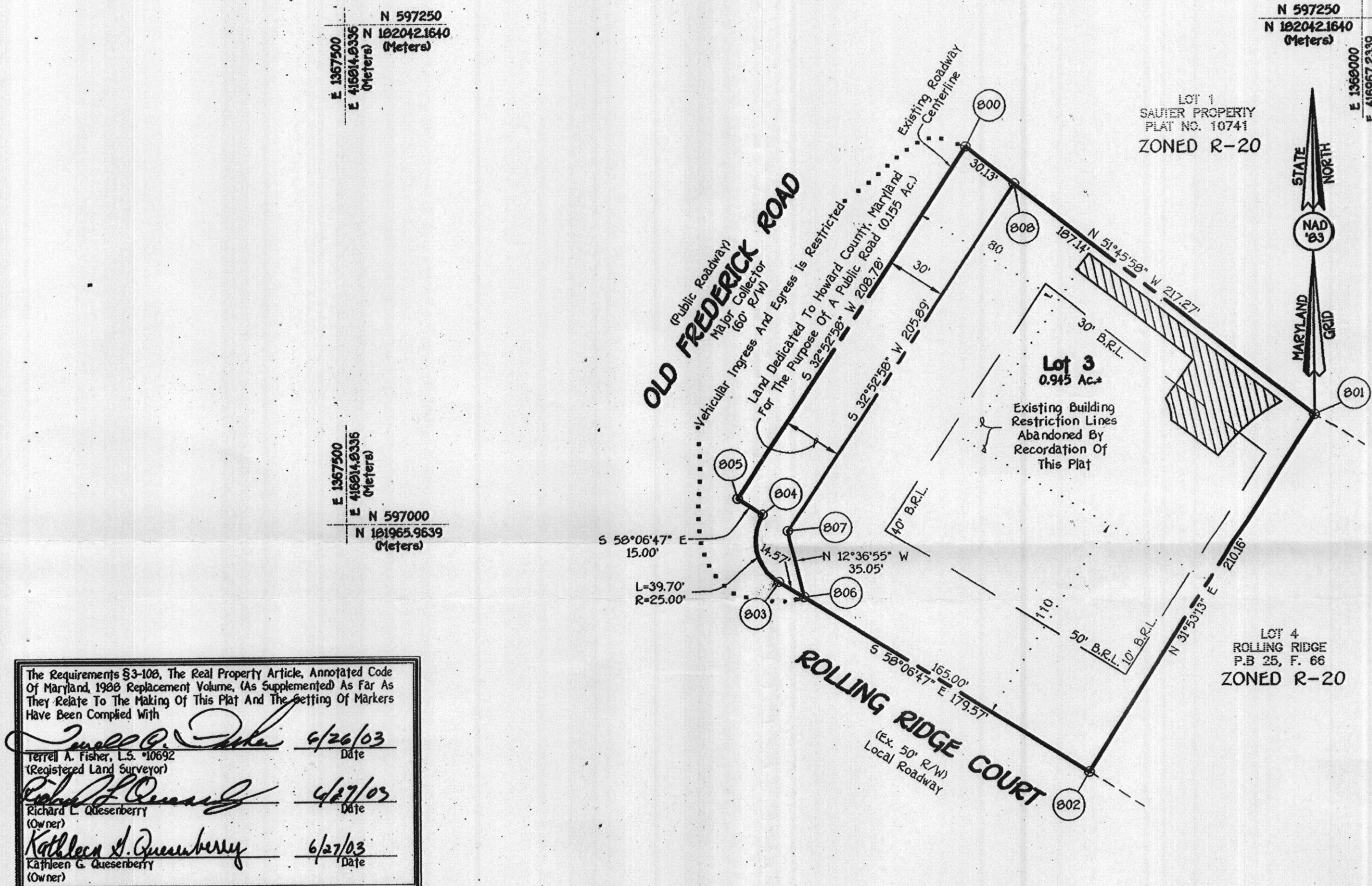
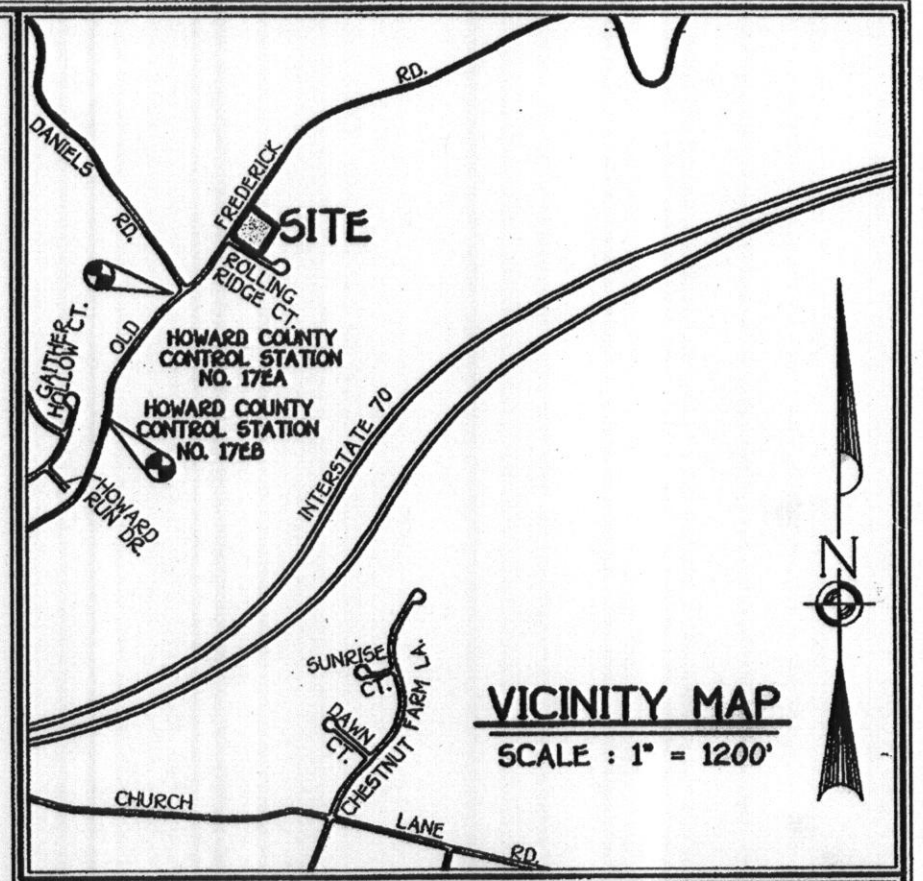
50' R/W FOR INGRESS AND EGRESS

MR W/TIM PETERS 3/7/03

1-30

U.S. Equivalent Coordinate Table and Metric Coordinate Table with columns for Point, North, and East coordinates.

Curve Data Chart with columns for Pnt-Pnt, Radius, Arc Length, Delta, Tangent, Chord Bearing And Distance.



General Notes:

- 1. This Area Designates A Private Sewerage Easement Of 2,354 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 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 Adjustments To The Private Sewerage Easement. Recordation Of A Modified 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. Coordinates Based On NAD '83, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 17EA And No. 17EB. Sta. 17EA N 101160.5724 (meters) E 413772.7247 (meters) Sta. 17EB N 100994.8448 (meters) E 413227.8979 (meters)
- 4. This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About December 1997, By Fisher, Collins And Carter, Inc.
- 5. B.R.L. Denotes Building Restriction Line.
- 6. Iron Pin Set Capped "F.C.C. 106".
- 7. Iron Pipe Or Iron Bar Found.
- 8. Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
- 9. Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
- 10. Denotes Concrete Monument Or Stone Found.
- 11. Driveway(s) Shall Be Provided Prior To Issuance Of A Residential Occupancy Permit For Any New Dwelling To Insure 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 (1-125-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.
- 12. All Lot Areas Are More Or Less (a).
- 13. Distances Shown Are Based On Surface Measurement And Not Reduced To NAD '83 Grid Measurement.
- 14. No 100 Year Floodplain Exist On Site.
- 15. No Previous Department Of Planning And Zoning File Numbers Exist For This Property.
- 16. No Cemeteries Exist On Site By Visual Observation.
- 17. Water Service To These Lots Will Be Granted Under The Provisions Of Section 16.122B Of The Howard County Code.
- 18. There Is An Existing Dwelling/Structure(s) Located On Lot 3 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.
- 19. This Plat Is In Compliance With The Fifth Edition Of The Subdivision And Land Development Regulations.
- 20. This Plan Is Exempt From Perimeter Landscaping In Accordance With Section 16.124 Of The Howard County Code And Landscape Manual, Since It Is A Plat Of Revision To Revise Building Restriction Lines And Does Not Create Any Additional Lots.
- 21. This Plan Is Exempt From Forest Conservation With Section 16.1202(b)(ixvii) Of The Howard County Code And Forest Conservation Manual Since It Is A Resubdivision That Does Not Create Any Additional Lots.
- 22. Property Zoned R-20 Per The Comprehensive Zoning Plan Dated October 18, 1993.
- 23. Plat for Lots 1 And 2, Property Of Eugene Seybold Recorded In Liber 596 At Folio 408.

The Requirements S3-108, 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, L.S. #10692 (Registered Land Surveyor) 6/26/03 Date

Richard L. Quesenberry (Owner) 6/27/03 Date

Kathleen G. Quesenberry (Owner) 6/27/03 Date

AREA TABULATION FOR SHEET table with rows for Total Number of Buildable Lots, Total Number of Open Space Lots, Total Area of Buildable Lots, Total Area of Open Space Lots, Total Area of Lots, Total Area of Roadway, and Total Area to be Recorded.

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS CENTENNIAL SQUARE OFFICE PARK - 10272 BALTHORE NATIONAL PIKE ELICOTT CITY, MARYLAND 21042 (410) 461-2925

OWNER/DEVELOPER Mr. And Mrs. Richard Quesenberry 8447 Rolling Ridge Court Ellicott City, Maryland 21043-1932

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

Penny Borcuter, M.D., P.E. 7-11-03 Date

Howard County Health Officer MR

APPROVED: Howard County Department Of Planning And Zoning.

Chief, Development Engineering Division 7/11/03 Date

Director 7/24/03 Date

OWNER'S CERTIFICATE Richard L. Quesenberry And Kathleen G. Quesenberry 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 24th Day Of June, 2003.

Richard L. Quesenberry (Owner) Kathleen G. Quesenberry (Owner)

SURVEYOR'S CERTIFICATE I Hereby Certify That The Final Plat Shown Hereon Is Correct: That It Is A Subdivision Of All Of The Lands Conveyed By Patricia J. Seand By John Willis, Her Attorney In Fact To Richard L. Quesenberry And Kathleen G. Quesenberry By Deed Dated June 28, 1995 And Recorded Among The Land Records Of Howard County, Maryland In Liber No. 3511 At Folio 644, 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, L.S. #10692 6/26/03 Date

RECORDED AS PLAT No. 110493 ON 7/28/03 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

LOT 3 Property Of Eugene Seybold Subdivision

(A Resubdivision Of Property Of Eugene Seybold Subdivision, Lot, 1 Liber 3511, Folio 644) Zoned: R-20

Tax Map: 18 Parcel: 320 Grid: 7 Second Election District Howard County, Maryland

Scale: 1"=50'

Date: June 25, 2003

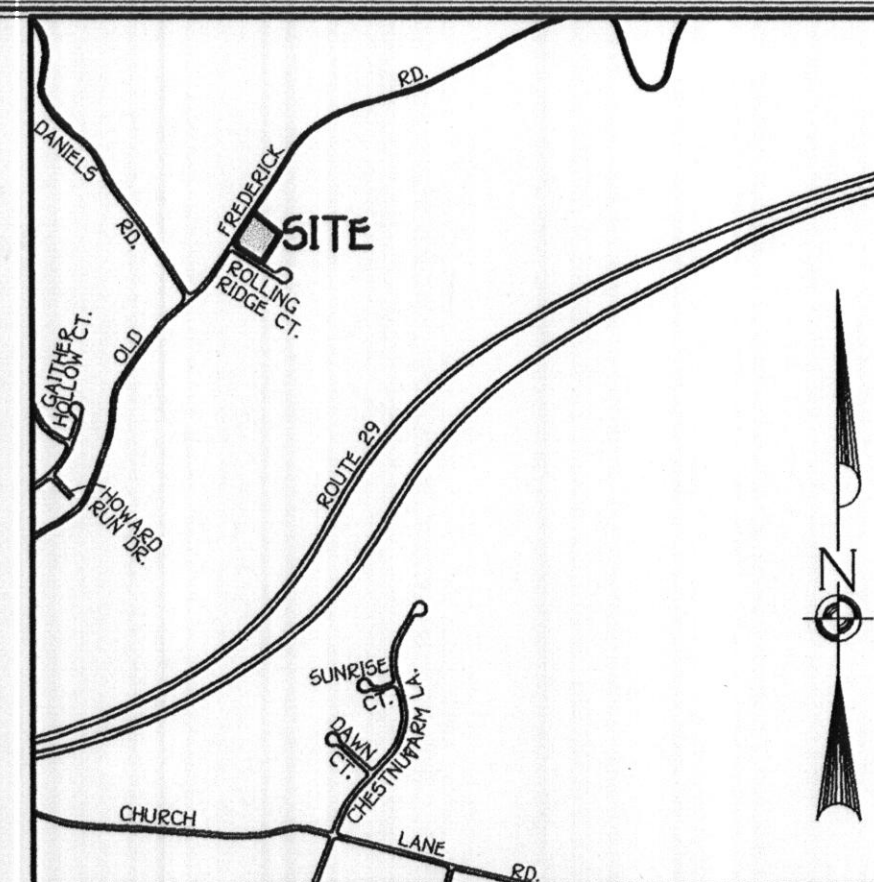
Sheet 1 of 1 F-04-002

SOILS LEGEND

SOIL	NAME	CLASS
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B
* CuB	Comus silt loam, local alluvium, 3 to 8 percent slopes	B
* GNB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
GIC3	Glenelg loam, 8 to 15 percent slopes, severely 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'

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT 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 ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM FIELD SURVEY LOCATION.
- THE EXISTING HOUSE SITE SHOWN COMPLIES WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN IS BASED ON FIELD SURVEY BY FISHER, COLLINS & CARTER, INC.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- AS PART OF THE CONSTRUCTION FOR THE HOUSE ADDITION, THE EXISTING WELL WILL BE PROPERLY ABANDONED PRIOR TO USE AND OCCUPANCY PERMIT BEING ISSUED.
- THE PURPOSE OF THIS PLAN IS TO ALLOW BOTH A BUILDING ADDITION AND NEW GARAGE TO BE ADDED TO THE SITE AND TO ESTABLISH A SEPTIC RESERVE FIELD FOR THE PROPERTY.
- FUTURE SEPTIC REPAIRS WILL REQUIRE INSTALLATION OF A PUMP AND A PUMP CHAMBER AND ABANDONMENT OF THE EXISTING DRYWELL.

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

6/5/03
Date

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

Signature of County Health Officer
COUNTY HEALTH OFFICER

6-6-03
DATE

PERC CERTIFICATION PLAN

QUESENBERY PROPERTY

(8447 S. ROLLING RIDGE COURT)

TAX MAP #18 GRID 7 PARCEL: 320
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' ZONED: R-20 DATE: MAY 9, 2003
REVISED DATE: JUNE 4, 2003

PC 518563

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES EXISTING WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES 15%-24.9% SLOPES
- DENOTES 25% AND GREATER SLOPE

OWNER

MR. AND MRS. RICHARD QUESENBERY
8447 S. ROLLING RIDGE COURT
ELICOTT CITY, MARYLAND 21043-1932

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