



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 524041

AGENCY REVIEW: _____

DATE 2/6/00

OK-331443 DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 5 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) GRIFFITH D. + BETTY A. JONES

DAYTIME PHONE 410-442-2666 CELL 410-707-0247 FAX 410-442-7683

MAILING ADDRESS 12630 FREDERICK RD, WEST FRIENDSHIP, MD 21794
STREET CITY/TOWN STATE ZIP

APPLICANT GRIFFITH D. + BETTY A. JONES

DAYTIME PHONE S/A ABOVE CELL S/A ABOVE FAX S/A ABOVE

MAILING ADDRESS S/A ABOVE
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT
(PROPERTY OWNER)

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME JONES PROPERTY LOT NO. _____

PROPERTY ADDRESS 14680 DORSEY MILL RD. GLENWOOD, MARYLAND 21738
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 21 GRID _____ PARCEL(S) 30 PROPOSED LOT SIZE 2 1/2 ACRES +

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Griffith D. Jones
SIGNATURE OF APPLICANT

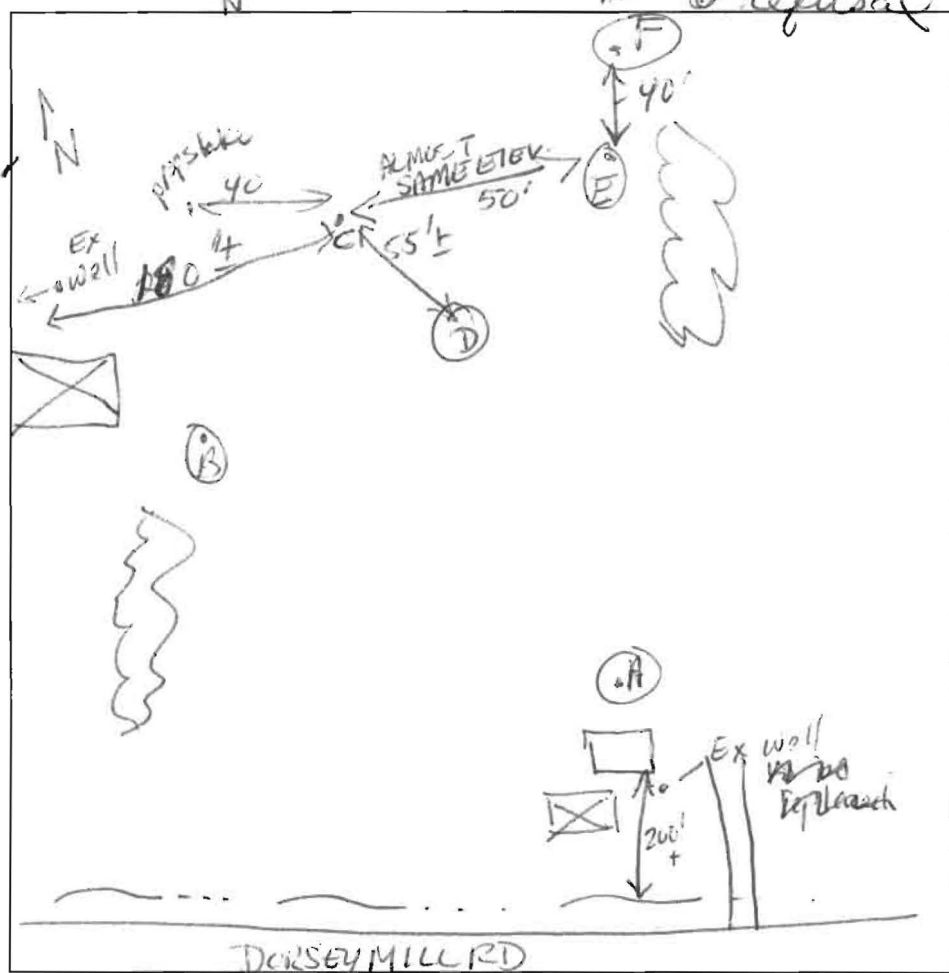
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP (E) (P)

Strbrn hvy L
 Strbrn SL
 6
 brn mudgn LS-S
 Refusal 9 1/2

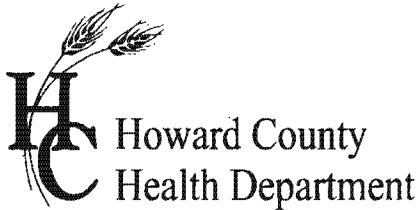
(E) Strbrn hvy L
 Lamm Sbk
 4'

mudgn SAND
 Rock ~ 15%
 Refusal 9'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
	(A)	7' refusal	w/ str brn hvy L above				F
	(B)	Refusal @ 2'					F
	(C)	6' Tx zone	9:26	9:30	9:34	4 min	P
	(D)	Refusal @ 5 1/2'					F
	(E)	2' Refusal					F
	(F)	5'	9:49	9:53	9:57	4	P
	(G)	Rock vein @ 6' refusal @ 6'					
		Rock lens more so than fractured rock					

REMARKS House to be demolished
 SANITARIAN Karen BACKHOE Mayne OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



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- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

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PROPERTY OWNER(S) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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TEST RESULTS WILL BE MAILED TO APPLICANT. _____
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP J

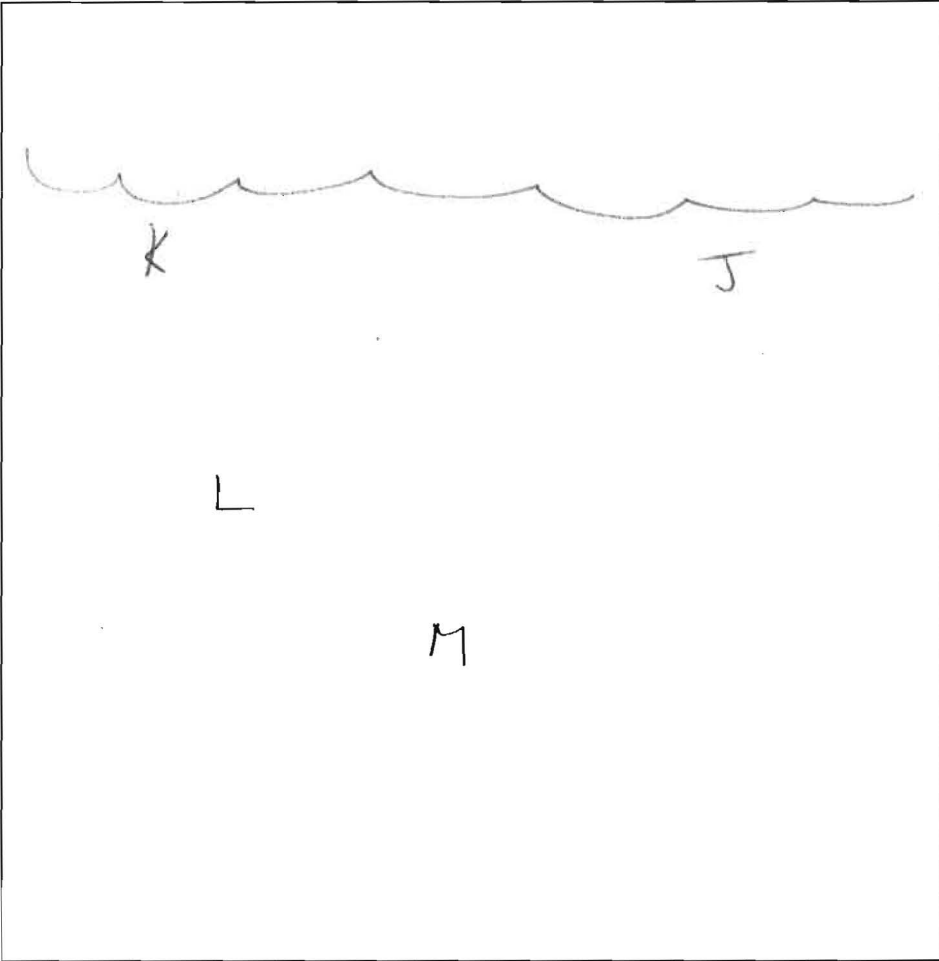
wkrdbrn
hugL

brn
SL

Small
Rock
pocket
15%

Hard
Bottom 10'

4 1/2'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3/7/00	J						
	K	2' refusal					
	L	refusal @ 3'					
	M	2' refusal					
		SHALLOW ROCK					
		FROM 510 CONTOUR					
		TO THE 485 CONTOUR					
		LINE					

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



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PROPERTY OWNER(S) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
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SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

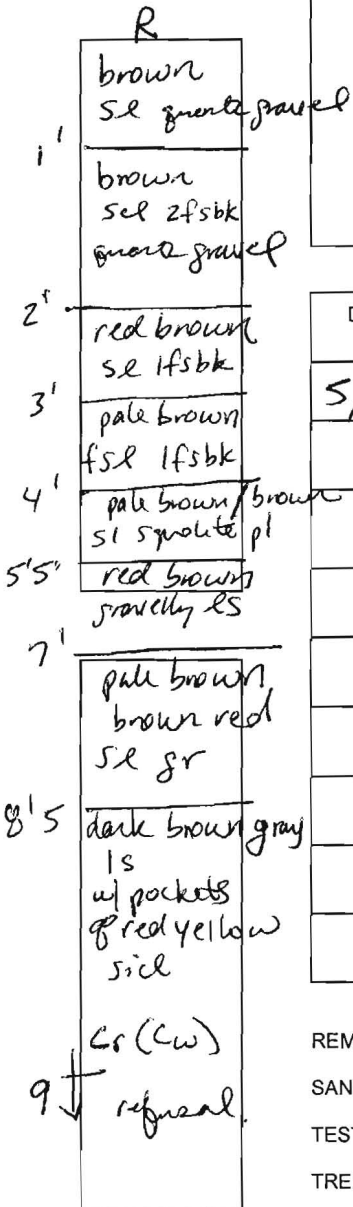
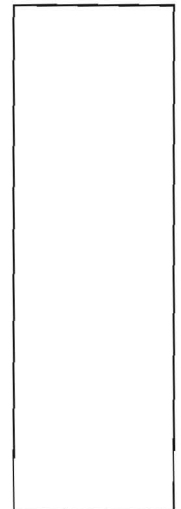
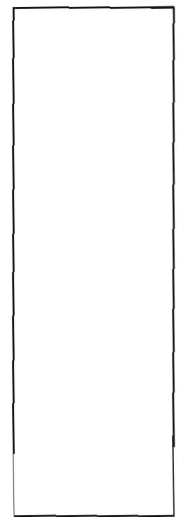
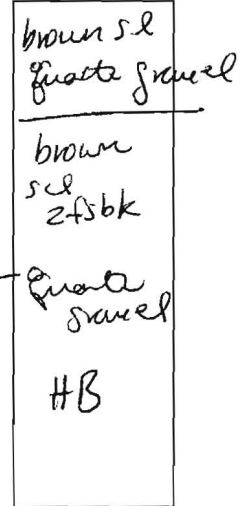
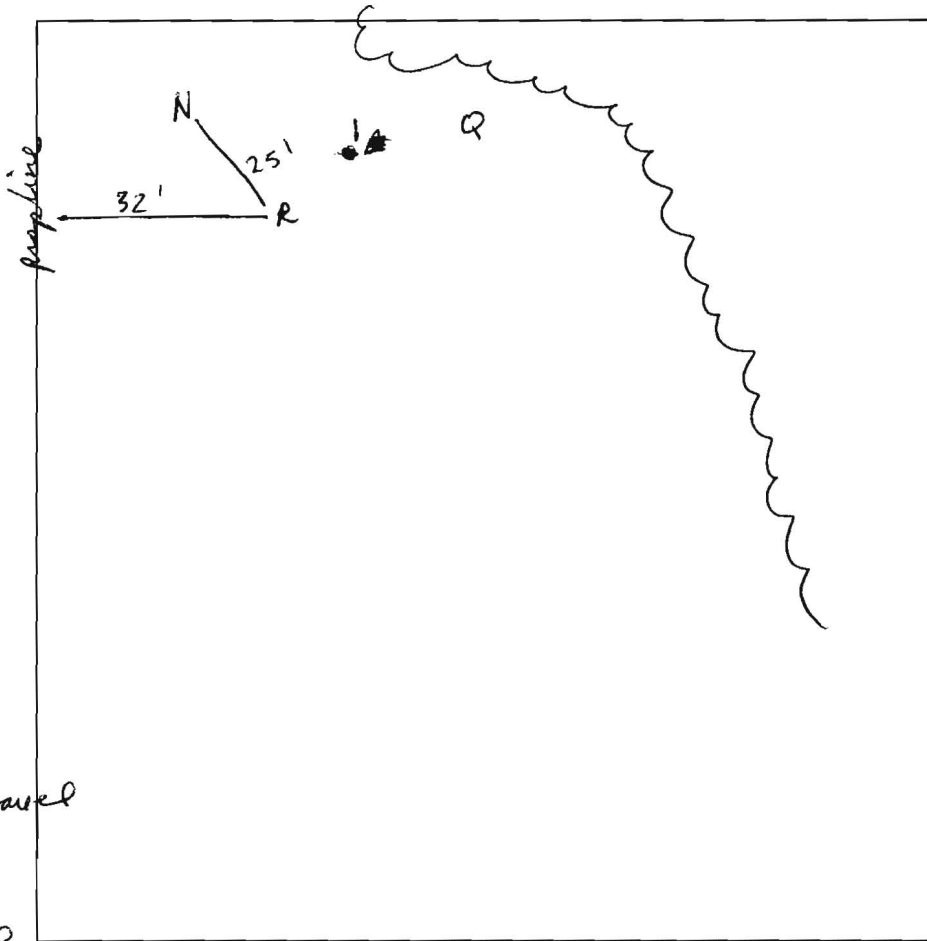
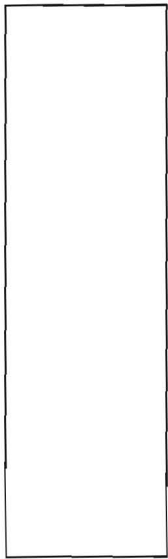
TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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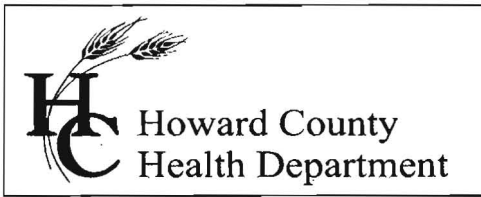
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AVP _____



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/9/07	R	9'			visual		P

REMARKS augered to confirm test holes 'N' + 'Q' on percent plat.
 SANITARIAN RB/SF BACKHOE Auger OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



7178 Columbia Gateway Drive, Columbia MD 21046
(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 16, 2006

Mr. & Mrs. Jones
12630 Frederick Rd.
West Friendship, MD 21794

Re: Percolation Test Results: A524041
14680 Dorsey Mill Road
Existing Lot of Record


Dear Mr. & Mrs. Jones,

Percolation testing was conducted on March 7, 2006 on the above referenced property. Since the objective of the property is to demolish the existing structure and build a new house, a 10,000 square feet of septic disposal area was sought after to meet today's criteria. Since property lines are not adjusted and the lot existed in 1921, you legally must show area for two complete septic systems for the house you are proposing. However, it is upon the discretion of the Approving Authority if pre-treatment is mandatory if the 10,000 square feet is not identified within the approved percolation test holes. The following percolation test holes were approved: C, F, N, P, and Q. Attached is a copy of the general perimeter of the septic area available.

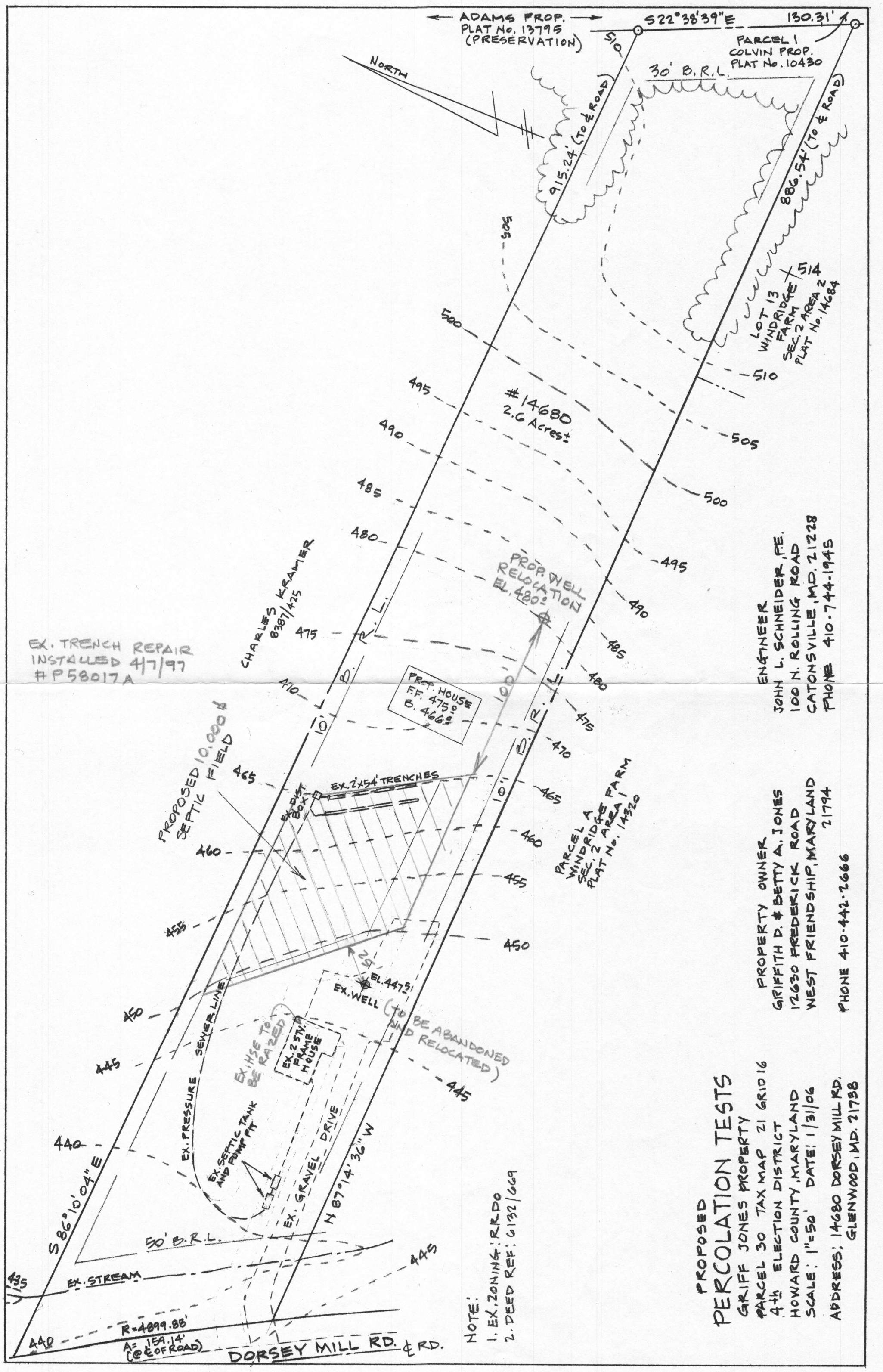
In order to continue with the process, a percolation certification plat must be submitted to our office by a licensed engineer meeting the following criteria:

- ALL test hole locations and elevations of each hole, both passed and failed
- Show the perimeter of the two septic areas, including the existing system in the lower septic area and calculate the total area for each
- Show the layout of trench for at least two complete systems, preferably three systems for the number of bedrooms proposed. The length of trench for a four bedroom house would be 240 feet for each system. (Inlet at 3', bottom of trench at 5')
- Show any surrounding wells and septic systems for neighboring lots
- Show three well site locations, and add in the general notes of the plat that the existing well is to be abandoned and sealed (If you would like to contest this, a variance letter may be written to Mike J. Davis, Supervisor of the Well and Septic Program)
- Show streams, two-foot contours, and the intent of all structures on the property

This plat may also show the new house location, grading, and any other improvements to the lot, thus combining the site plan and the percolation certification plat as one. If you have any other questions, you may contact me directly at 410-313-1775. Thank you for your time and patience.

Sincerely,

Kacie Noonan, R. S.
Well & Septic Program

KN
Cc: Tom Hill
file



EX. TRENCH REPAIR
INSTALLED 4/7/97
#P58017A

ENGINEER
JOHN L. SCHNEIDER, FE.
100 N. ROLLING ROAD
CATONSVILLE, MD. 21228
PHONE 410-744-1945

PROPERTY OWNER
GRIFFITH D. & BETTY A. JONES
12630 FREDERICK ROAD
WEST FRIENDSHIP, MARYLAND
21794
PHONE 410-442-2666

PROPOSED
PERCOLATION TESTS
GRIFF JONES PROPERTY
PARCEL 30 TAX MAP 21 GRID 16
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: 1/31/06
ADDRESS: 14680 DORSEY MILL RD.
GLENWOOD, MD. 21798

NOTE:
1. EX. ZONING: RR D0
2. DEED REF: 6132/669

R=4899.88'
A=159.14'
(@ E OF ROAD)

DORSEY MILL RD. & RD.

be overlapped

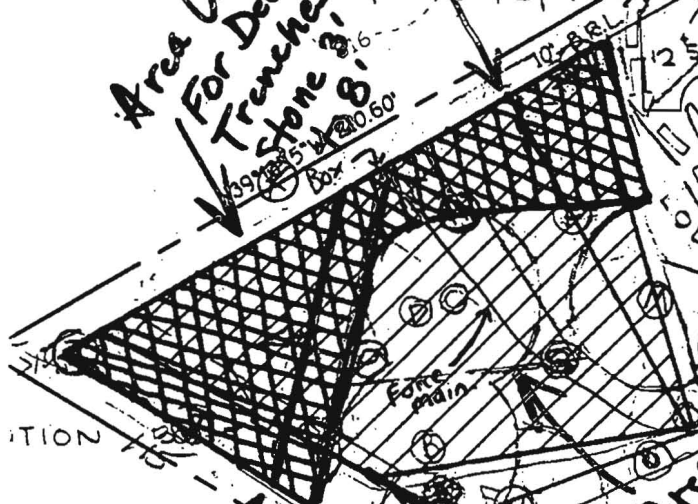
maintained when fabric height.

11/7/2007
Revised Septic Easement

Area Usable For Deep Trenches
Area Usable For Shallow Trenches
35' Deg



EARTH DIVISION TYPE PERMIT TO INSTALL
DIVE CLEAN WATER



Area That May Be Used For Future Sand Storage

Driveway(s) shall be provided prior and emergency vehicles per the following:

Width- 12 feet (14 feet serving more than one driveway)
Surface- 6 inches of compacted crushed stone (minimum)

Geometry- Maximum 15% grade, 10' minimum radius

Structures (culverts/bridges)- Capable of supporting 20,000 lbs. per sq. ft.
Drainage Elements- Capable of safely conveying runoff at depth over driveway.

Structure Clearance- 12 feet minimum
Maintenance- Sufficient to ensure all

LOT 14

To

2/5/02
Install Trenches as shown
14562 WINDRIDGE CT.
K02 CAN WE ADJUST SEPTIC FIELD

Not Correct Contour

PLAN TO ACCC FOR BU

WINDRIDGE SECTION



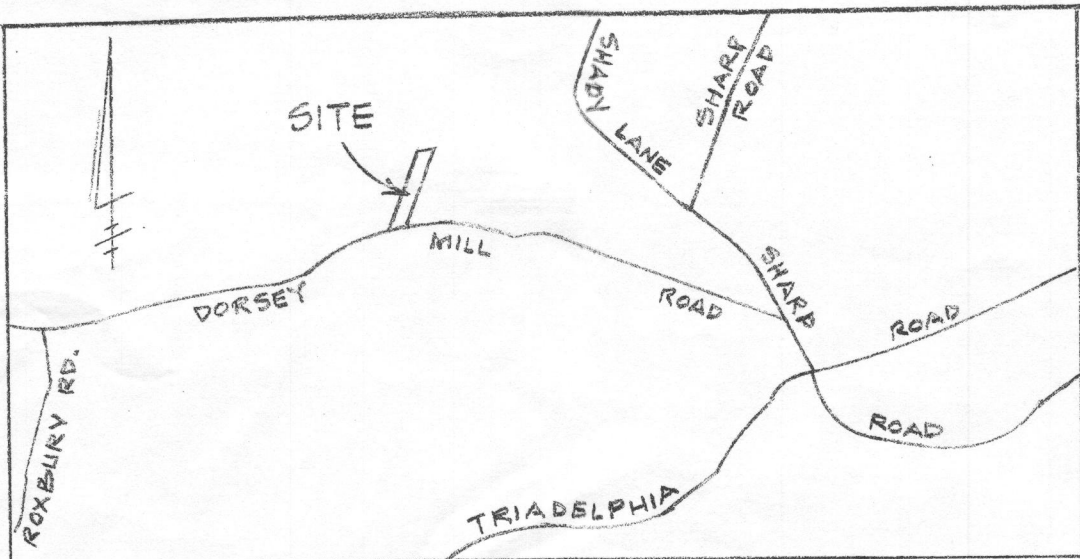
Needs Revised EASEMENT

TAX MAP 21
FOURTH ELECTION DISTRICT
SCALE: 1" = 50'

3525

Suite 4

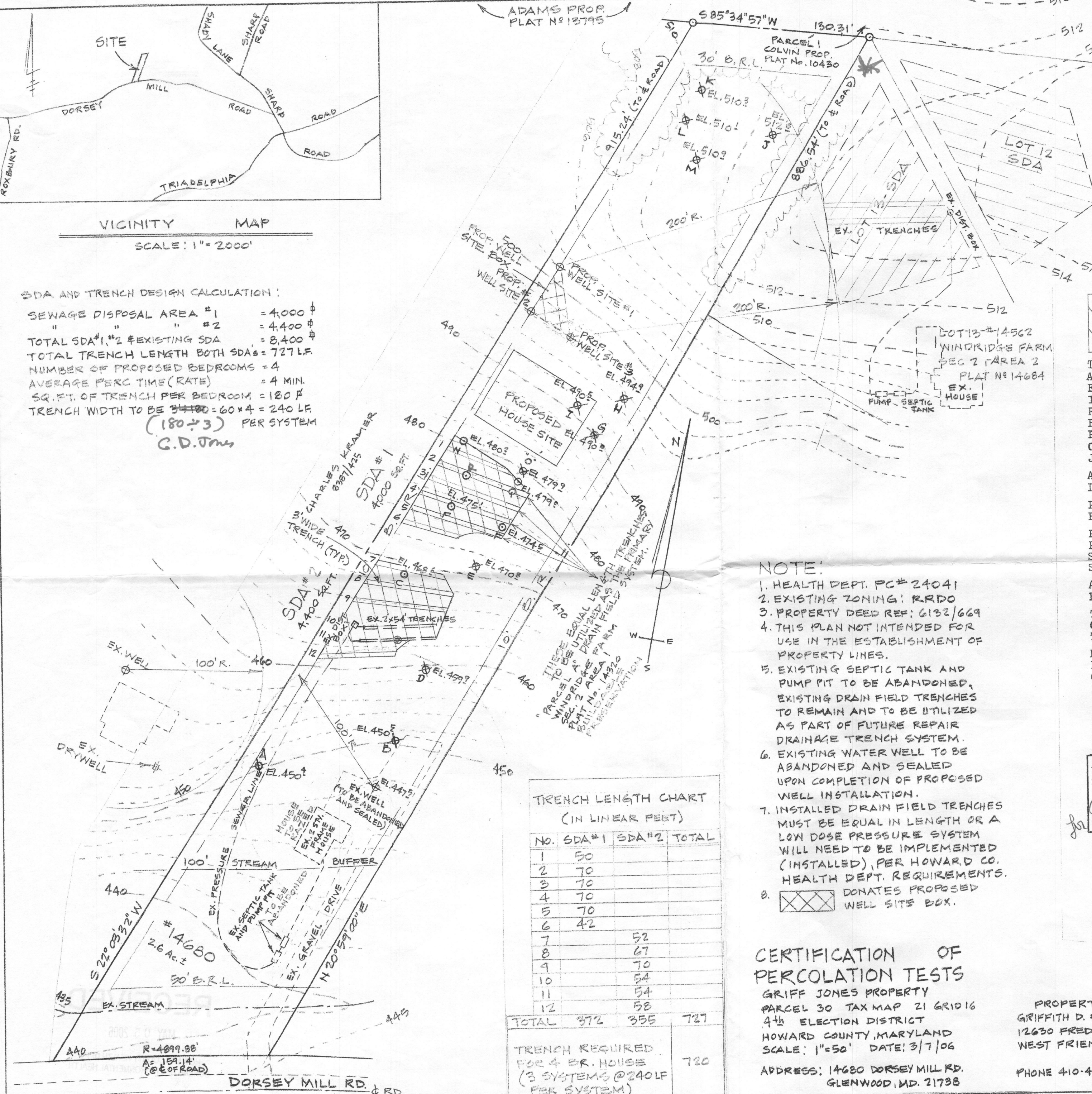
C-6403



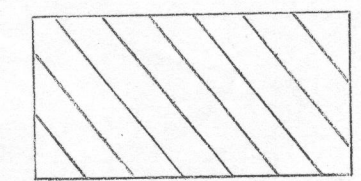
VICINITY MAP
SCALE: 1" = 2000'

SDA AND TRENCH DESIGN CALCULATION:
 SEWAGE DISPOSAL AREA #1 = 4,000 #
 " " #2 = 4,400 #
 TOTAL SDA #1, #2 & EXISTING SDA = 8,400 #
 TOTAL TRENCH LENGTH BOTH SDAs = 727 LF.
 NUMBER OF PROPOSED BEDROOMS = 4
 AVERAGE PERC TIME (RATE) = 4 MIN.
 SQ. FT. OF TRENCH PER BEDROOM = 180 #
 TRENCH WIDTH TO BE $34180 = 60 \times 4 = 240$ LF.
 (180 ÷ 3) PER SYSTEM
 C.D. Jones

ADAMS PROP. PLAT No. 13795



LOT 12 # 14556 'WINDRIDGE FARM' SEC. 2 AREA 2 PLAT No. 14684
 * SEE ADJUSTMENT TO SDA LOT 13 DATED. 1-7-02 G.D. Jones



THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA 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 SEWAGE DISPOSAL AREA.

ALL PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED AND SHOWN AS THUS ○.

PERCOLATION TEST HOLES SHOWN AS X INDICATE FAILED TEST HOLES.

PERCOLATION TEST HOLE SHOWN AS ● INDICATES PERCOLATION TEST PERFORMED ON 3/25/97 TO INSTALL TRENCHES AS A REPAIR TO ORIGINAL SEWAGE SYSTEM - PERMIT # 58017A.

ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' OF PROPERTY LINES HAVE BEEN SHOWN.

THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.

ELEVATIONS SHOWN AT PERCOLATION TEST HOLES HAS BEEN FIELD-RUN/VERIFIED AND BASED UPON TOPOGRAPHIC COMPOSITE MAP OF HOWARD COUNTY, MD. 1998, MAP # 264.

NOTE:

- HEALTH DEPT. PC # 24041
- EXISTING ZONING: RRDO
- PROPERTY DEED REF: G132/669
- THIS PLAN NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES.
- EXISTING SEPTIC TANK AND PUMP PIT TO BE ABANDONED, EXISTING DRAIN FIELD TRENCHES TO REMAIN AND TO BE UTILIZED AS PART OF FUTURE REPAIR DRAINAGE TRENCH SYSTEM.
- EXISTING WATER WELL TO BE ABANDONED AND SEALED UPON COMPLETION OF PROPOSED WELL INSTALLATION.
- INSTALLED DRAIN FIELD TRENCHES MUST BE EQUAL IN LENGTH OR A LOW DOSE PRESSURE SYSTEM WILL NEED TO BE IMPLEMENTED (INSTALLED), PER HOWARD CO. HEALTH DEPT. REQUIREMENTS.
- DONATES PROPOSED WELL SITE BOX.

TRENCH LENGTH CHART (IN LINEAR FEET)

No.	SDA #1	SDA #2	TOTAL
1	50		
2	70		
3	70		
4	70		
5	70		
6	42		
7		52	
8		67	
9		70	
10		54	
11		54	
12		58	
TOTAL	372	355	727

TRENCH REQUIRED FOR 4 BR. HOUSE (3 SYSTEMS @ 240 LF PER SYSTEM) 720

CERTIFICATION OF PERCOLATION TESTS

GRIFF JONES PROPERTY
 PARCEL 30 TAX MAP 21 GRID 16
 4th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: 3/7/06
 ADDRESS: 14680 DORSEY MILL RD.
 GLENWOOD, MD. 21738

PROPERTY OWNER
 GRIFFITH D. & BETTY A. JONES
 12630 FREDERICK ROAD
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 21794
 PHONE 410-442-2666

ENGINEER
 JOHN L. SCHNEIDER, P.E.
 100 N. ROLLING ROAD
 CATONSVILLE, MD. 21228
 PHONE 410-744-1945

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY. C.D. Jones. 5/18/06
 HOWARD COUNTY HEALTH OFFICER MJD DATE

