



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 9/24/03 TEST TIME 9:00 AP A519582  
 AGENCY REVIEW: Perc to support addition to ex. older house (4 or 5 BR. total) DATE 9/18/03  
 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 *(renovation)*
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4 or 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) James R. Connelly and Dawn E. Cermak  
 DAYTIME PHONE 443-778-7963 CELL 410 446-6448 FAX —  
 MAILING ADDRESS 14070 Brighton Dam Rd Clarksville MD 21029  
STREET CITY/TOWN STATE ZIP

APPLICANT James R. Connelly  
 DAYTIME PHONE 301 854-1625 or 443-778-7963 CELL 410 446-6448 FAX —  
 MAILING ADDRESS 14070 Brighton Dam Rd Clarksville MD 21029  
STREET CITY/TOWN STATE ZIP

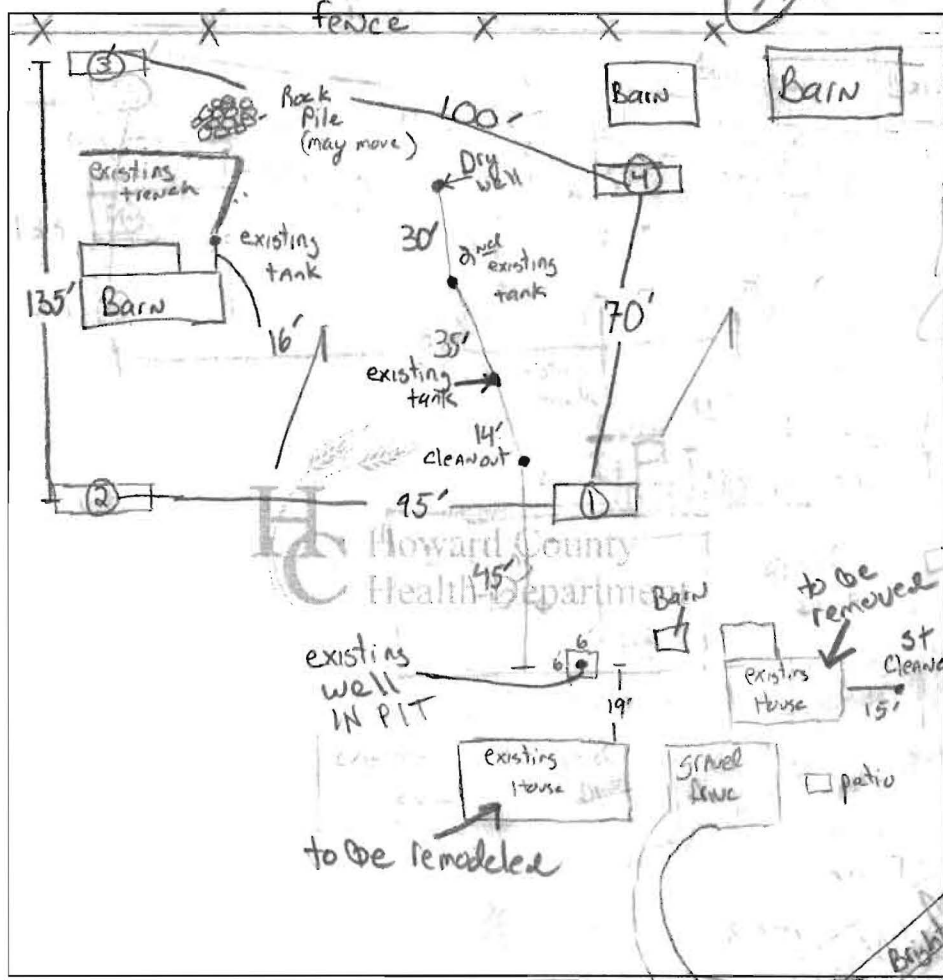
APPLICANT'S ROLE: OWNER DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
 SUBDIVISION/PROPERTY NAME CORDEN Subdivision LOT NO. 3  
 PROPERTY ADDRESS 14070 Brighton Dam Rd Clarksville, MD  
STREET TOWN/POST OFFICE  
 TAX MAP PAGE(S) 33 GRID 8 PARCEL(S) 18 PROPOSED LOT SIZE 3.0513 acre

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. James R. Connelly  
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



A/P 1+2

2 Br. CL

4-5 Red-orange Scl

Brown/pink red mica/schist Saprolite

15 -15-25% rock frags

3

1 Brown loam

Orange Brown Scl

4 Light Brown + gray sl

w/ 15-20% mica schist

14

4

1 Brown loam

Red Brown Scl

7 Light Brown + gray sl

5-10% slightly larger mica/schist frags

11.9 Rock

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
9/24/03	1	7.7 in 15	11:36	11:38	11:41	3 min	P
	2	15					P
	3	14					P
	4	11.9					P

REMARKS 3 existing tanks + existing drywell to be removed + existing well to be filled

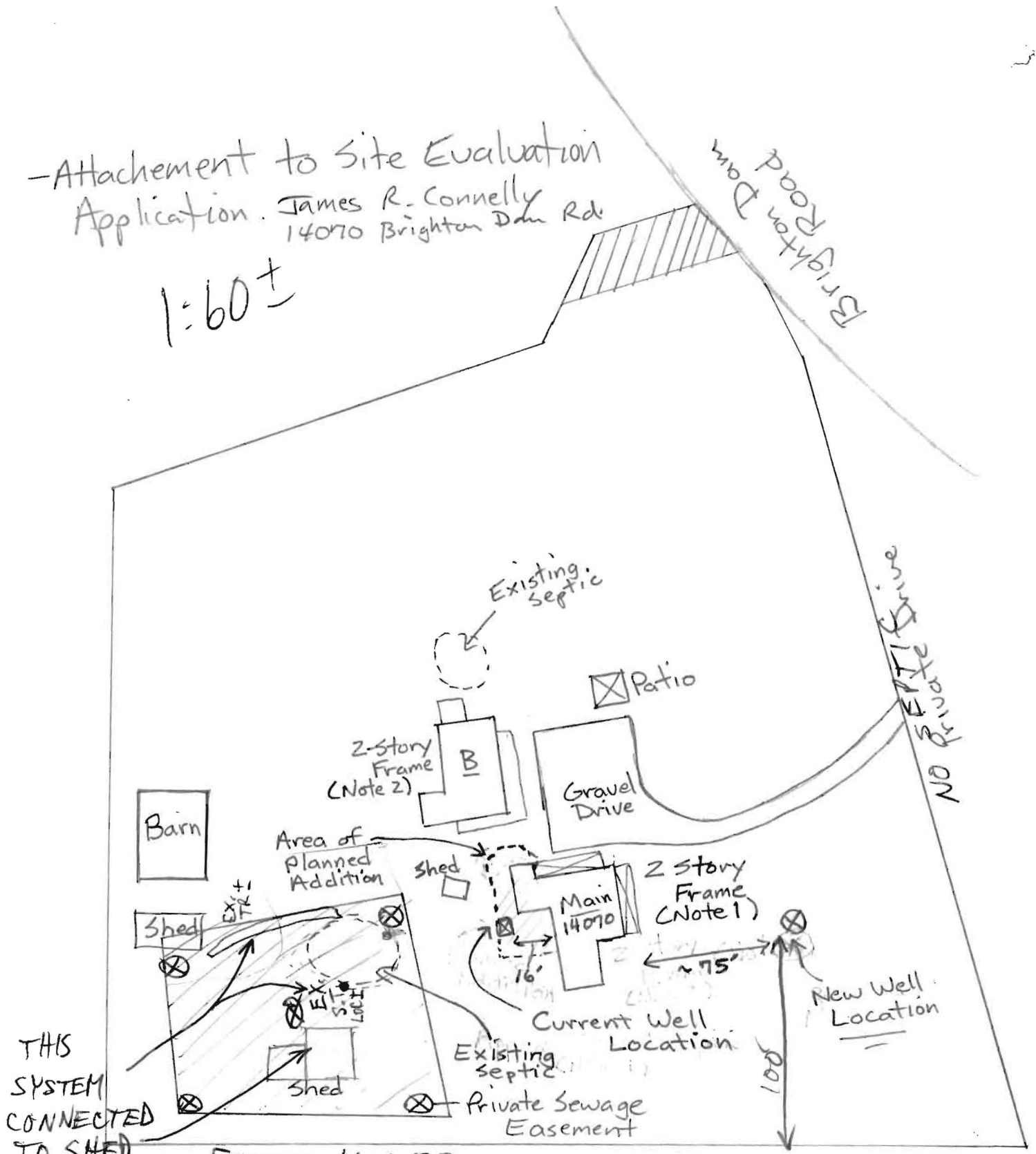
SANITARIAN KB/MR BACKHOE Hatfields OTHERS owner

TEST HOLES USED IN SDA all AVG. PERC TIME 7 min SQ. FT/BR 180 (4.83)

TRENCH WIDTH 3' INLET DEPTH 4' MAX. BOT DEPTH 6' EFFECTIVE SW 1'

- Attachment to Site Evaluation  
Application. James R. Connelly  
14070 Brighton Dam Rd.

1:60±



THIS SYSTEM  
CONNECTED  
TO SHED

5 TEST HOLES

+ Excavation Undeveloped  
to examine Lot  
ex. system serving  
ex. house (main)



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  
October 9, 2003

James R. Connelly  
14070 Brighton Dam Road  
Clarksville, MD 21029

RE: Percolation Test Results – A 519582  
14070 Brighton Dam Road, T.M. 33, Parcel 18  
Confirm Septic Capacity for Proposed Addition to  
Produce 4-5 BR House

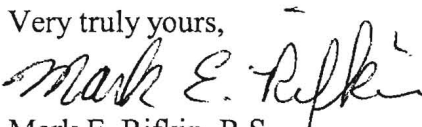
Dear Mr. & Mrs. Connelly:

Percolation testing conducted September 24, 2003 on the referenced property indicated satisfactory soil conditions. Some limitations were present due to rock. Copies of the test results are enclosed.

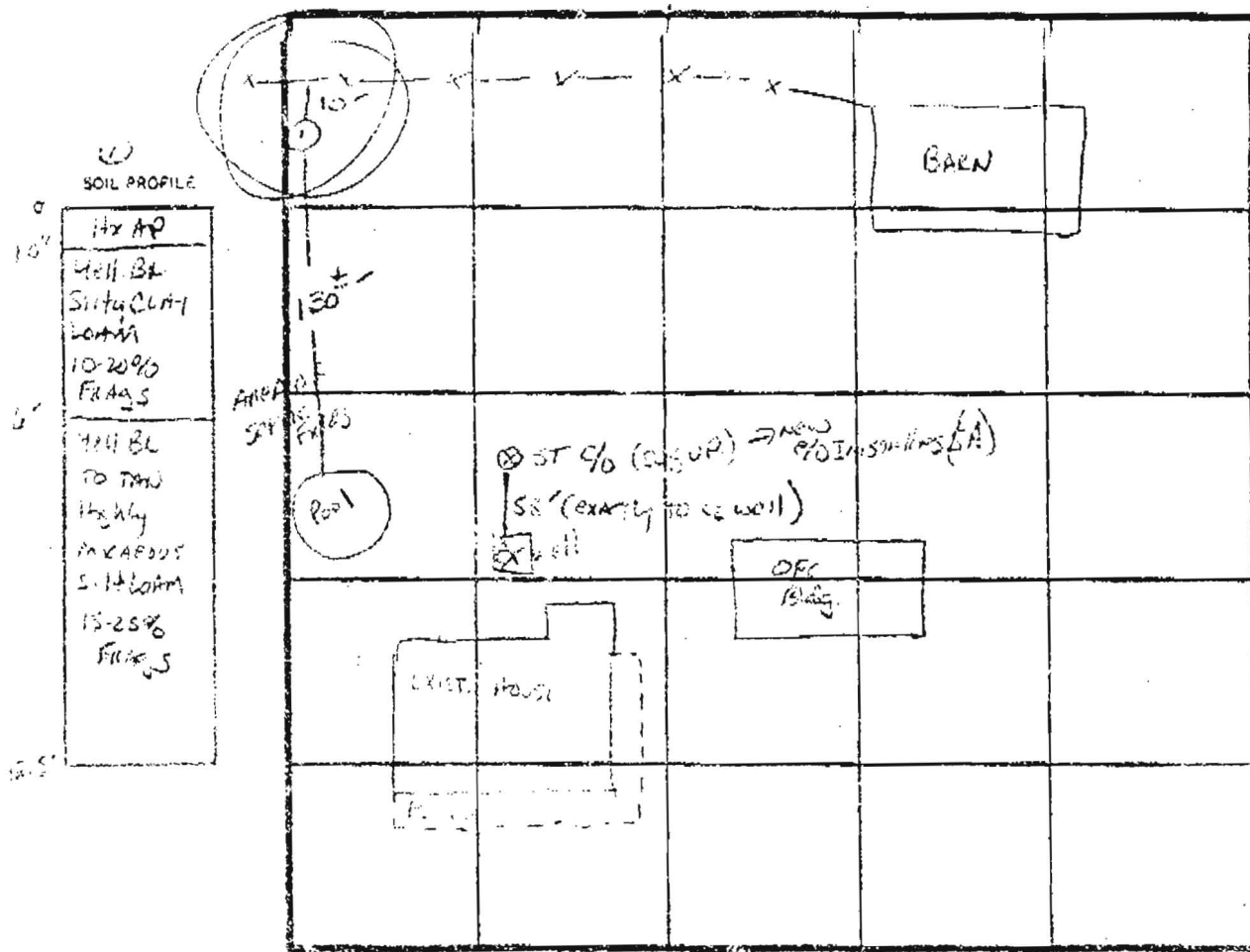
Further review is contingent upon submittal by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with field-verified topography
- 2) the existing sewage easement
- 3) the existing house, septic system and well, and the proposed addition
- 4) site plan for replacement septic system
- 5) replacement well site
- 6) a note certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) a note certifying that the existing septic systems will be properly abandoned, the existing well will be properly sealed by a licensed well driller and the new septic system installed within 90 days of issuance of building permit
- 8) a purpose statement referencing the confirmation of the existing septic system and platted sewage easement in support of a future building addition

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 at the above address or by calling (410) 313-2640.

Very truly yours,  
  
Mark E. Rifkin, R.S.  
Water and Sewerage Program

MR  
Enclosures  
cc: File



N PERC  
 5-10 MIN  
 AT N 6"  
 INLET 5-6"  
 BOTTOM 9"

DATE	TEST	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/14/98	1	2' WIDE					
		LOT 2 - 180 SQ. FT. / BR			5 BK 1000 GAL		
		about 22% mac.			4 BK 1200 GAL		
					3.5 BELOW SURFACE		
					6.5 BOTTOM OF DEPTH		
					EFFECTIVE AREA BEGINS 5' STONE		

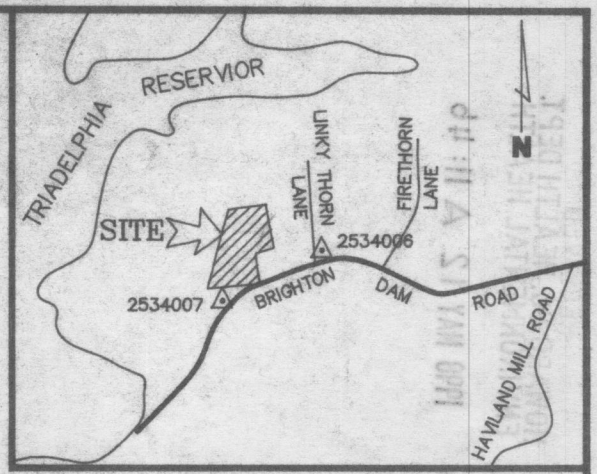
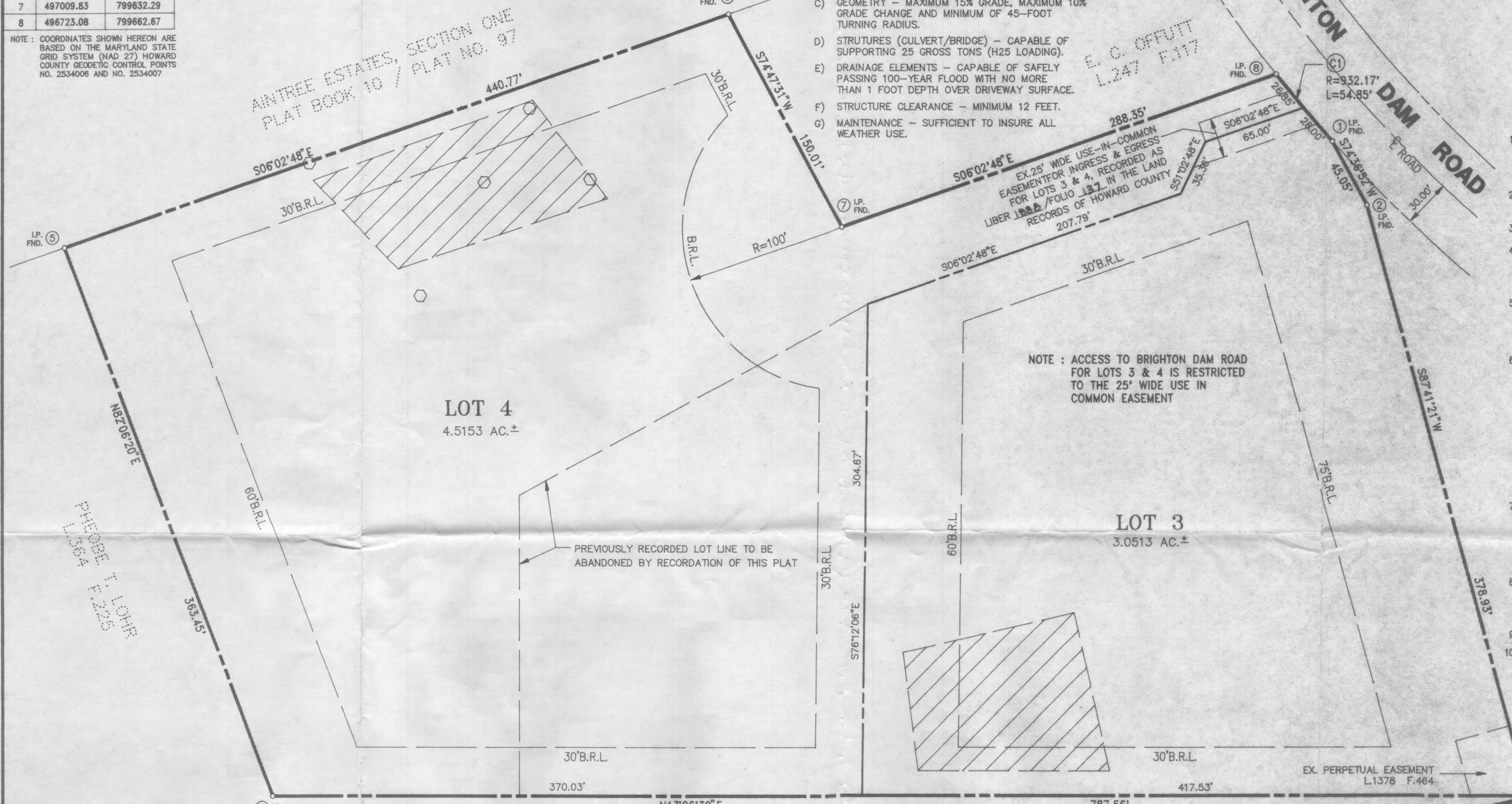
These might (most likely is) the perc results for the original farm house

MARKS  
 Gary  
 ALSO PRESENT SKIP, Rocky

COORDINATE TABLE			CURVE TABLE						
NO.	NORTH	EAST	CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
1	496697.77	799614.02	C1	932.17'	54.85'	27.43'	54.84'	S62°30'51"W	03°22'16"
2	496685.82	799570.59							
3	496670.54	799191.97							
4	497437.58	799370.61							
5	497487.50	799730.62							
6	497049.18	799777.05							
7	497009.83	799632.29							
8	496723.08	799662.67							

NOTE: COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM (NAD 27) HOWARD COUNTY GEODETIC CONTROL POINTS NO. 2534006 AND NO. 2534007

- DRIVEWAY NOTES :**
- DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS
- A) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE).
  - B) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.
  - C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.
  - D) STRUCTURES (CULVERT/BRIDGE) - 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 DRIVEWAY SURFACE.
  - F) STRUCTURE CLEARANCE - MINIMUM 12 FEET.
  - G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.



**VICINITY MAP**  
SCALE : 1" = 2000'

**GENERAL NOTES**

1. SUBJECT TO W.P. 88-154 TO ALLOW DRIVEWAY ACCESS ONTO A MAJOR COLLECTOR VIA A USE-IN-COMMON DRIVEWAY. ANY FUTURE PLANS OR BUILDING PERMIT APPLICATIONS SUBMITTED MUST REFERENCE "W.P. 88-154"
2. SUBJECT PROPERTY IS ZONED R PER 10/18/93 COMPREHENSIVE ZONING PLAN.
3. B.R.L. INDICATES BUILDING RESTRICTION LINE.
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
5. THIS PLAT IS BASED ON A FIELD RUN MONUMENT BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPT. 1988. BY JACK E. CLARK, THE J.E. CLARK COMPANY.
6. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENT OF ANY NATURE IN THIS AREA RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY. PERC TEST HOLES ARE SHOWN THUS
7. FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND ROAD RIGHT-OF-WAY LINE AND NOT TO THE FLAG OR PIPE STEM LOT DRIVEWAY, WHICH IS PRIVATELY OWNED AND DECL. RECORDED L-1888, F-137
8. THERE IS EXISTING HOUSE ON LOT 3, NO ADDITIONS OR NEW STRUCTURES WILL BE CONSTRUCTED AT A DISTANCE LESS THAN THE APPLICABLE ZONING REGULATIONS WILL ALLOW.
9. ALL AREAS SHOWN ARE MORE OR LESS.
10. COORDINATES SHOW HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM (NAD27) HOWARD COUNTY GEODETIC CONTROL POINTS NO. 2534006 AND 2534007.

**TABULATION CHART**

TOTAL NUMBER OF LOTS	=	2 LOTS
TOTAL AREA OF LOTS	=	7.5666 AC. ±
TOTAL AREA R/W DEDICATION	=	0
TOTAL AREA OF PLAT	=	7.5666 AC. ±

**PIPESTEM AREA TABLE**

LOT NO.	GROSS AREA	PIPESTEM AREA	RESULTING MIN. LOT AREA
3	3.0513 AC.	0.0474 AC.	3.0039 AC.
4	4.5153 AC.	0.2946 AC.	4.2207 AC.

NOTE : ALL AREAS SHOWN ARE "MORE OR LESS"

The requirements S 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.

Platting Surveyor Jack E. Clark Date 3-9-98  
 Owner Joseph T. Corden Date 3/11/98 Owner \_\_\_\_\_ Date \_\_\_\_\_  
 Owner Mary E. Corden Date 3-11-98 Owner \_\_\_\_\_ Date \_\_\_\_\_

APPROVED : FOR PRIVATE WATER & SEWERAGE SYSTEMS  
 HOWARD COUNTY DEPARTMENT OF THE ENVIRONMENT

HOWARD COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED :  
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

CHEIF - DEVELOPMENT ENGINEERING DIVISION \_\_\_\_\_ DATE \_\_\_\_\_

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

**OWNER'S CERTIFICATE**

WE, JOSEPH T. CORDEN AND MARY E. CORDEN, HIS WIFE AND ROLAND K. DUSTIN AND LEAH A. DUSTIN, HIS WIFE, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON 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 LINE 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 STREETS RIGHT-OF-WAY AND THE SPECIFIC EASEMENT AREA SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS AND OPEN SPACES 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 BED OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACES WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATER WAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE AND (4) THAT NO BUILDING OR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAY.

WITNESS OUR HANDS THIS 9<sup>th</sup> DAY OF March

Joseph T. Corden JOSEPH T. CORDEN WITNESS Roland K. Dustin ROLAND K. DUSTIN WITNESS  
Mary E. Corden MARY E. CORDEN WITNESS Leah A. Dustin LEAH A. DUSTIN WITNESS

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A RESUBDIVISION OF CORDEN SUBDIVISION LOTS 1 & 2 RECORDED AS PLAT 8233 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN, AND MONUMENTATION OF THE BOUNDARY SURVEY IS IN ACCORDANCE WITH HOWARD COUNTY SUBDIVISION REGULATIONS.

Jack E. Clark JACK E. CLARK REGISTERED PROFESSIONAL LAND SURVEYOR MARYLAND REGISTRATION NO. 4379 DATE \_\_\_\_\_

RECORDED AS PLAT \_\_\_\_\_ ON \_\_\_\_\_  
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**CORDEN SUBDIVISION**  
**LOTS 3 AND 4**  
 A Resubdivision of Lots 1 & 2  
 Corden Subdivision, Plat # 8233, F 88-203  
 Clarksville / Fifth Election District  
 Howard County, Maryland

PREPARED BY :  
**THE J.E. CLARK COMPANY**  
 LAND SURVEYING AND ENGINEERING  
 P.O. BOX 147 LAUREL, MARYLAND 20707  
 (301) 725 3442

ZONED : R, PER 10/18/93  
 TAX MAP : 33, BLOCK  
 PARCEL : 18  
 SCALE : 1" = 50'  
 DATE : DEC. 1997  
 DRN. BY : C.A.D.  
 CHK. BY : J.E.C.

SHEET 1 OF 1

