

APPLICATION

4/19/98
10:00
4/19/98
1:30

PERCOLATION TESTING

A 59885

P _____

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

PREVIEW OK
PROPOSED SEPTIC AREA
ADJUSTMENT.
W/6 SEASON TESTING
RECOMMENDED (CW)

DISTRICT _____

DATE 3-23-98

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 SAMUEL TURNER / JAMES NICHOLS

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER John Gard & Aylene Kovenky

ADDRESS 5045 Rushlight Path PHONE 410.992.9889

PROPERTY LOCATION:
SUBDIVISION Dunfarmin Estates LOT NO. 9

ROAD AND DESCRIPTION Smallwood Ct.
off of Ten Oaks

TAX MAP _____ PARCEL # 7830

SIZE OF LOT 6. TYPE BLDG. 5 BR House
(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.

John F. Gard 3/20/98
(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 _____

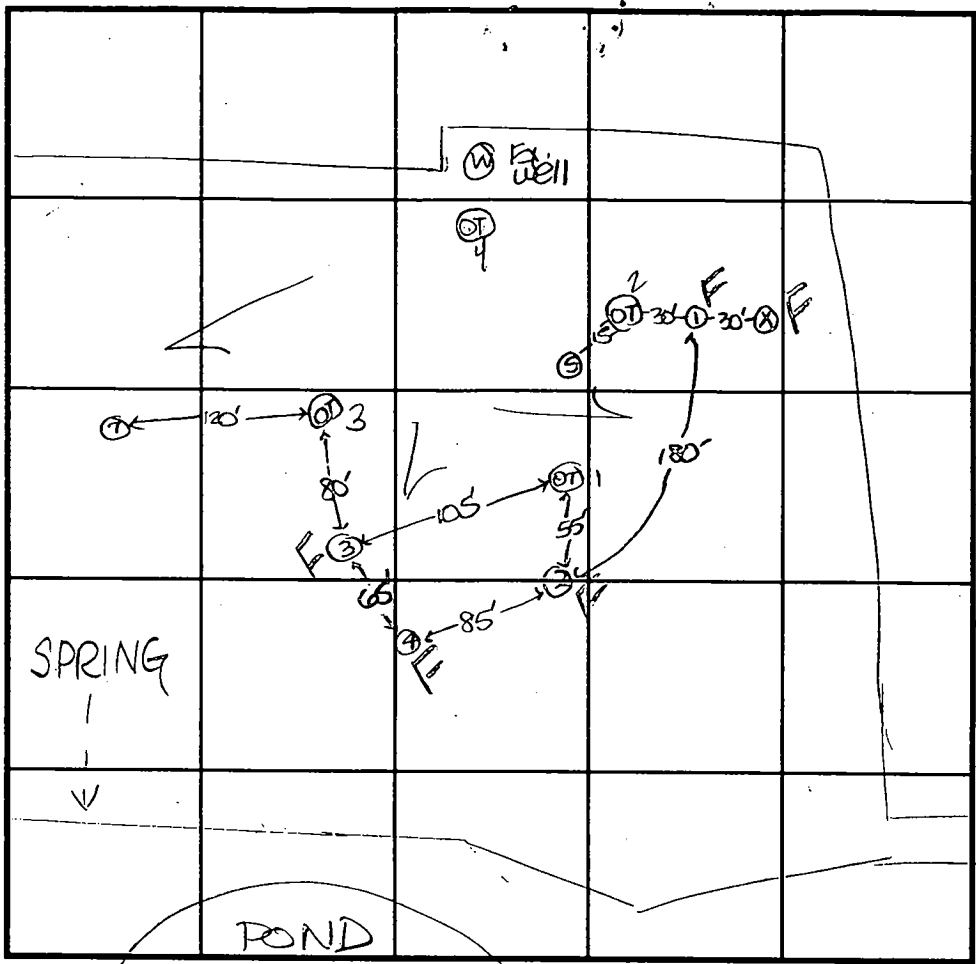
THIS IS NOT A PERMIT

59885
COUNTY #

SOIL PROFILE
①/②
0' topsoil
1' red brn cl lm
4' med org brn sa lm w/mottles
7' cave in/ seepage
9' WATER

③/④
0' topsoil
1' red org brn cl lm
4' [blank]
8.5' water seepage
10.5' WATER

⑤
0' topsoil
1' red brn cl lm
3.5' med org brn sa lm
4' [blank]
10.5' seepage
11' WATER
12' [blank]



SOIL PROFILE
⑦
0' topsoil
1' red org brn cl lm
4' med org brn sa lm w/mica
4.5' [blank]
10'8" seepage
12' WATER

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

→ to Smallwood COURT

*⊗ = test hole, covered prior to inspection - water @ 5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-7-98	1	9.0'D	Water	(cave in @ 7')	→		FAIL
	2	9.0'D	Water	(seepage @ 7')	→		FAIL
	3	10.5'D	Water	(seepage @ 8.5')	→		FAIL
	4	10'8"D	Water	(seepage @ 7'8")	→		FAIL
	5	12.0'D	Water	(seepage @ 10.5')	→		OK
	7	12.0'D	Water	(seepage @ 10'8")	→		OK
8/86 by S. Abel	1	3/14'	DRY				19 min
	2	3.5/13'	DRY				4 min
	3	12.5'	DRY				...
	4	4/8.5/13	DRY				2 min 7 min

REMARKS testing not successful in relocating downhill -
 TYPE OF SOIL septic area to be moved uphill
 TESTED BY D. SOE ALSO PRESENT J. Gard, Whitworth
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 TRENCH WIDTH 3'
 INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 180
 *⊗ = old test hole



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

April 16, 1998

Mr. John Gard and Ms. Aylene Kovensky
5045 Rushlight Path
Columbia, Maryland 21044

RE: Proposed Relocation of Existing Septic
Easement
Dunfarmin Estates, Lot #9
Smallwood Court

Dear Mr. Gard and Ms. Kovensky:

Percolation testing conducted April 7, 1998, on the above referenced property for relocation of the originally approved septic area proved unsuccessful due to unsatisfactory soil conditions. Insufficient depth to groundwater was encountered in the test holes. A copy of the test results is enclosed.

A percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and the existing well site should be submitted to this office for review at this time. Generally this document precedes the building permit site plan, but it would be acceptable to combine both documents if you find that more convenient. (Due to the recent test results, it is requested that the existing septic area be modified uphill as much as possible.)

If you have any questions regarding this matter, please feel free to contact me at the address below or by calling (410) 313-2640. Thank you in advance for your time and cooperation.

Sincerely,

Donna K. Soe, R.S.

Water and Sewerage Program

DKS
Enclosure
cc: file

5045 Rushlight Path
Columbia, MD 21044-1295
April 26, 1998

410-992-9889

Donna K. Soe, R.S.
Water & Sewerage Program
Howard County Health Department
3525-H Ellicott Mills Drive
Ellicott City, MD 21043.4544

RE: Septic Easement for Dunfarmin Estates, Lot #9, Smallwood Court

Dear Ms. Soe:

The old perc test areas identified as OH 1 - 4 and the seven new perc test areas identified as 1 - 5, 7 and X have been located and identified on the enclosed plat dated 3/9/98. The measurements used to locate these perc test areas are listed on the "marker and hole location measurement" enclosure along with the test hole elevations.

The exact location of the new test holes is not known because the holes were filled in and the resulting dirt covers approximately an 8 by 12 foot area. I drove a stake in the ground and measured to these stakes. Accordingly, in some instances my measurements differ from the measurements recorded on the Percolation Testing Application.

The exact location of the old test holes is not known; however, I believe we both identified the location of the OH test areas based on ground indentations. Based on my measurements and experience, I believe the OH test locations recorded on the plat are incorrect. This would explain why [before I actually measured these locations] I was having difficulty matching the OH ground locations with the locations recorded on the plat. I took my primary measurements based on the lot's surveyed corner stakes and the well. The corner stakes I used are identified on the plat as "M1 - M6". I also took elevation readings for all of the perc holes.

My father was a farmer who measured crop land for the ASCS. My father and I have measured and certified thousands of crop acres for the Federal government. I used a 1/2" by 100 foot fiberglass tape manufactured to meet U.S. and international specifications to measure the location of the perc test holes. I also have my own transit. I used the well's ground elevation as my elevation reference point. I believe the enclosed plat accurately reflects the locations of the perc test areas and that my measurements and elevation readings are accurate and correct.

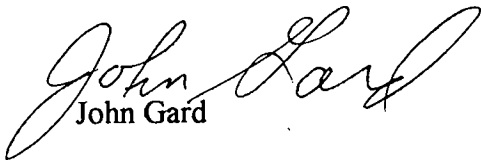
I would like to plant a 100 foot wide strip of trees along the North side of the property. Therefore, I would like the North edge of the approved perc area to start approximately 100 feet

South of the North property line if at all possible. Accordingly, I would like the county to indicate the location of the approved perc area on the plat.

In my opinion, the house will have to be located South of the perc area, i.e., in the location of test holes 2, 3 and 4. However, I need to know the location of the perc area the county will approve before I can propose a house location. In addition, locating the house on the South side of the perc field will require a pump-up septic system.

Thank you.

Sincerely,



John Gard

enclosures

plat dated 3/8/98

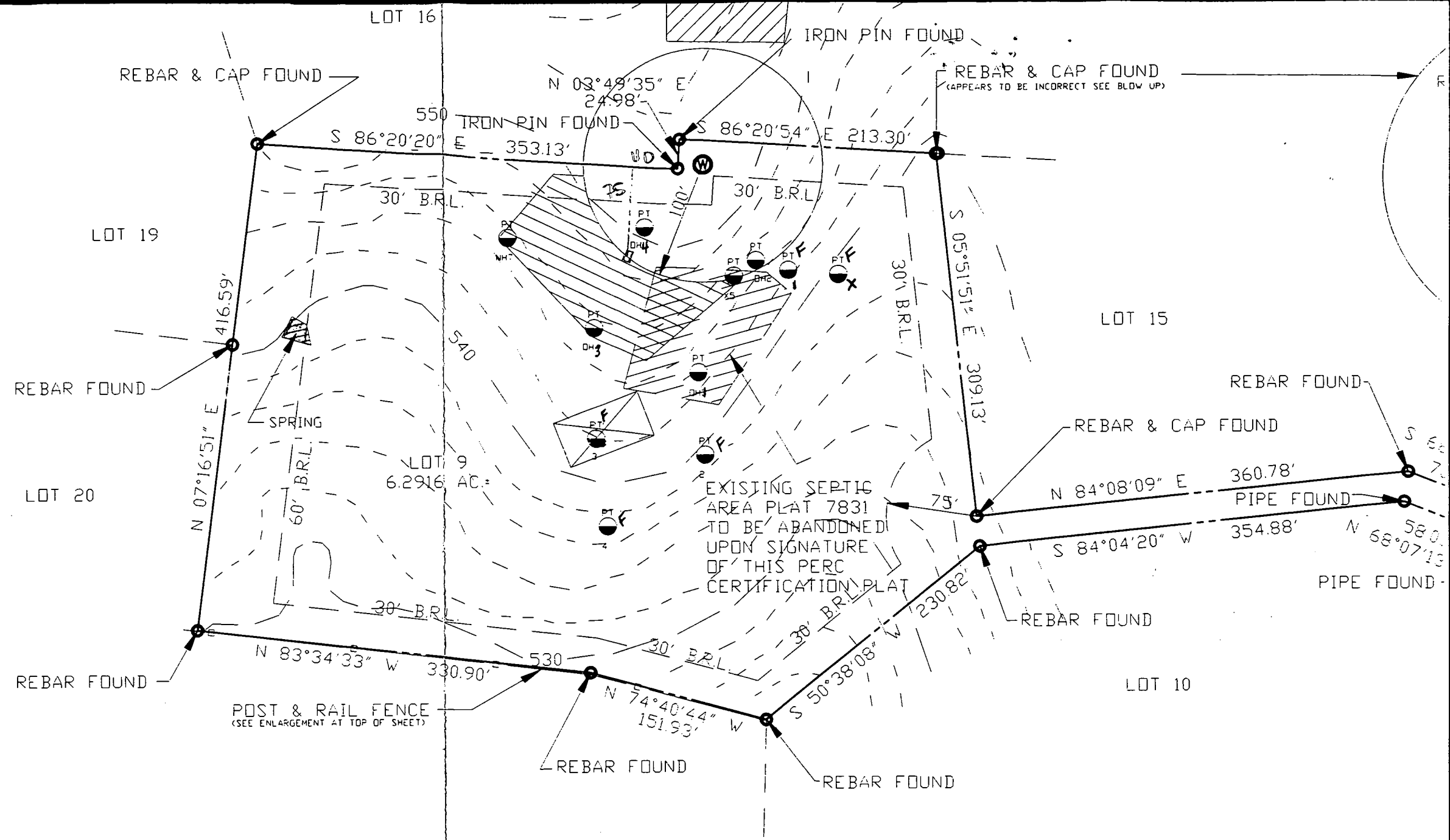
marker and hole location measurement

INDIVIDUAL SEWAGE DISPOSAL, IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNLESS A PUBLIC SEWER IS AVAILABLE. THESE RESTRICTIONS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT ON THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.

PERMIT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.

COLLECTION AREAS AND WATER WELLS FOR ADJOINING LOTS HAVE BEEN SHOWN WHERE APPLICABLE AND APPROPRIATE.





BOUNDARY SHOWN HEREON WAS TAKEN FROM PREVIOUS SURVEY REVISION PLAT LOT 9 DUNFARMIN ESTATES PLAT NO 7830



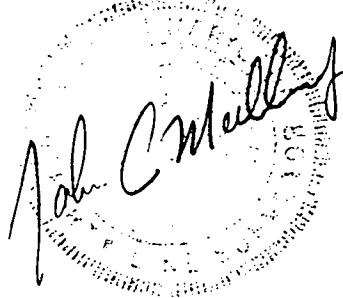
 DENOTES PROPOSED DWELLING

APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT.

Dina M. [Signature]
COUNTY HEALTH OFFICER
DATE: 10/29/99

-  DENOTES FIELD LOCATED POST & RAIL FENCE
-  DENOTES FIELD LOCATED SPRING
-  DENOTES FIELD LOCATED PERC TEST
-  DENOTES FIELD LOCATED WELL

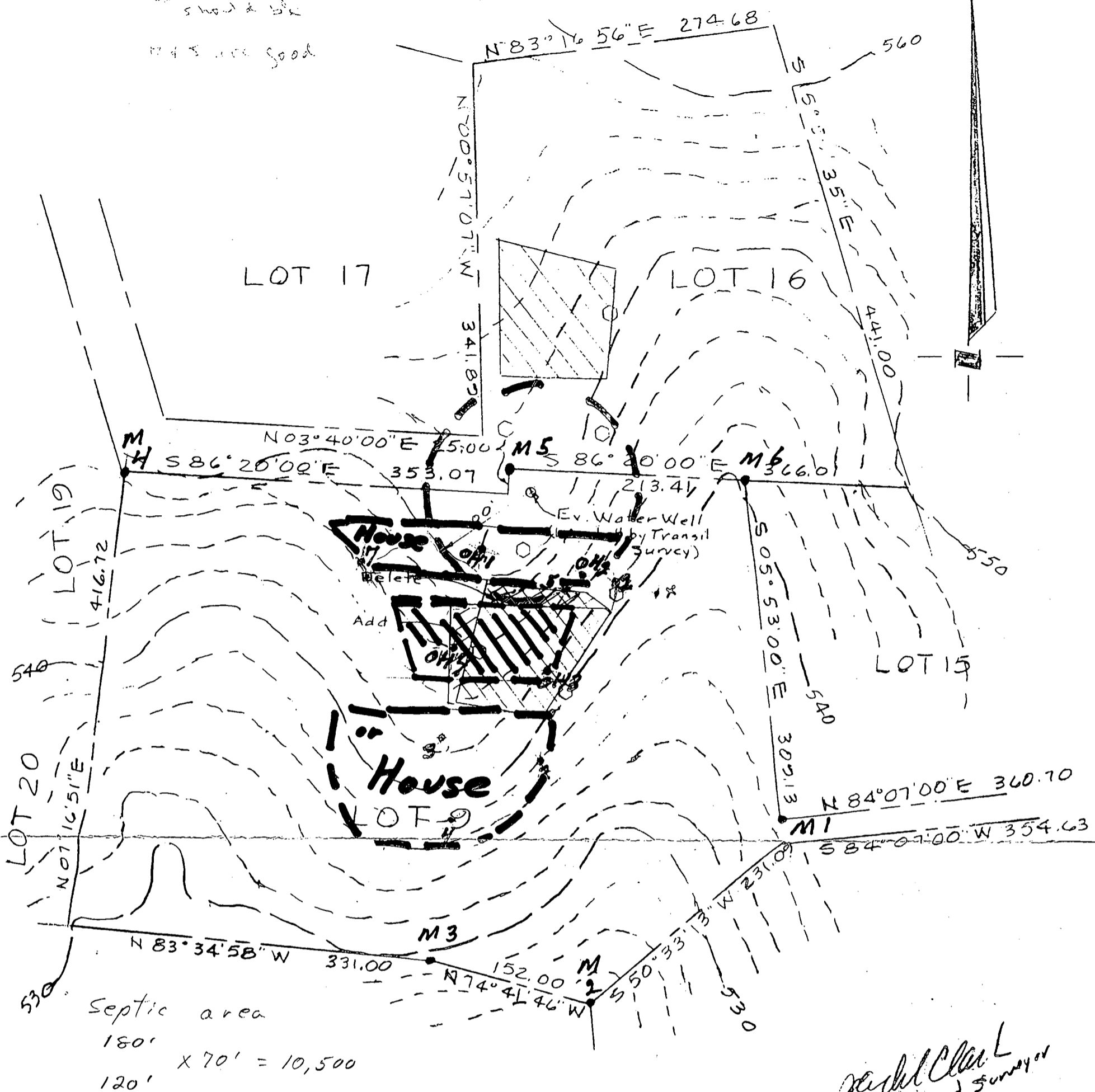
copy of signed perc cert

John C. Mellema


PREPARED BY:
JOHN C. MELLEMA SR., INC.
LAND SURVEYORS
5409 EAST DR. BALTO. CO. MD. 21038
PH: 410-247-7488 FAX: 410-247-7489

We will advise where Septic area shown & etc

M4's are good

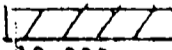



Septic area
180' x 70' = 10,500
120'

Aylene Koverney
410 992 989

Jerald Clark
Reg. Land Surveyor

Note: Revision required to bring the septic area into compliance with the requirement of the Health Dept. for 100' separation between the Water Well and the Septic Area.

 This area designates a private sewage easement of 10,000 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 sewage 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 shall not be necessary. Percolation test holes shown hereon have been field located and shown as . The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of The Environment. Percolation areas and water wells for adjoining lots have been shown where pertinent.

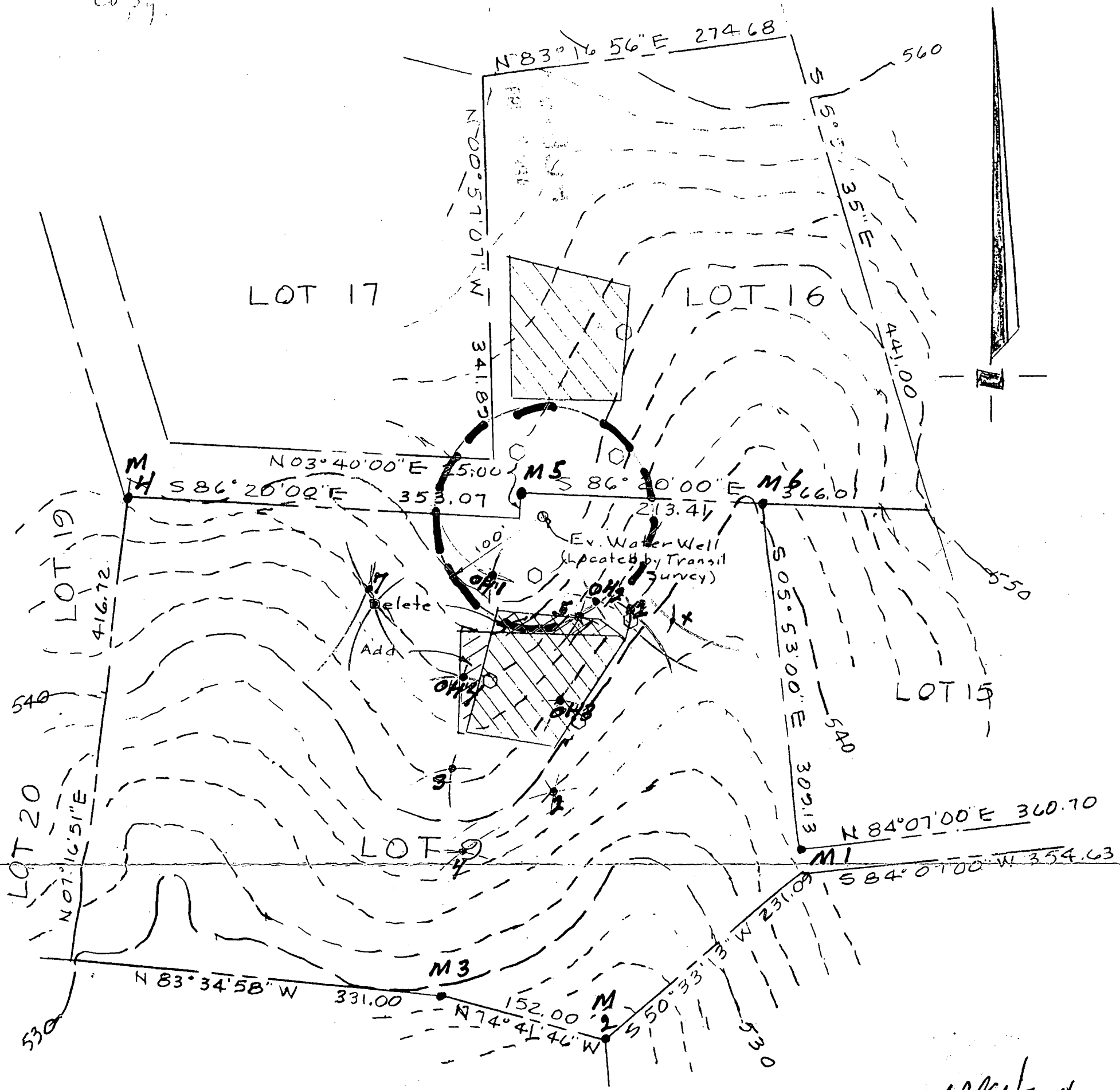
SEPTIC AREA REVISION
LOT 9
DUNFARMIN ESTATES
FIFTH ELECTION DISTRICT
Howard County, Md.
Scale: 1"=100' Mar. 1998
Plat # 7830

APPROVED: For Private Water and Private Sewage Systems
Joyce M. Boyd MD, ES 3-9-98
County Health Officer Date



PREPARED BY:
THE J.E. CLARK COMPANY
LAND SURVEYING AND ENGINEERING

P.O. BOX 147 LAUREL, MARYLAND 20725
(301) 725 3442

color copy



Jared Clark
Reg. Land Surveyor

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SEPTIC AREA REVISION
LOT 9
DUNFARMIN ESTATES
FIFTH ELECTION DISTRICT
Howard County, Md
Scale: 1"=100' Mar. 1998
Plat # 7830

APPROVED: For Private Water and Private Sewage Systems

Joyce M. Bell MD, FF 3-9-98
County Health Officer Date

PREPARED BY:
THE J.E. CLARK COMPANY
LAND SURVEYING AND ENGINEERING

P.O. BOX 147 LAUREL, MARYLAND 20725
(301) 725 3442