



Howard County  
Health Department

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 7/22/03 TEST TIME \_\_\_\_\_ AP A519029-A

AGENCY REVIEW: \_\_\_\_\_ DATE 6/26/03

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
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4-5 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) Steven & Ann Leaf

DAYTIME PHONE 410-531-9203 CELL 410-917-6070 FAX 410-531-0420

MAILING ADDRESS 4540 Ten Oaks Rd Dayton Md 21036  
STREET CITY/TOWN STATE ZIP

APPLICANT Steven & Ann Leaf

DAYTIME PHONE ~~410~~ 410-531-9203 CELL 410-917-6070 FAX 410-531-0420

MAILING ADDRESS 4540 Ten Oaks Rd Dayton Md 21036  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME 15084 Bushy Park Rd LOT NO. 2

PROPERTY ADDRESS 15084 Bushy Park Rd Woodbine Md 21797  
STREET TOWN/POST OFFICE 61,939 sq ft

TAX MAP PAGE(S) 8 GRID 21 PARCEL(S) 66 PROPOSED LOT SIZE 1.42 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.

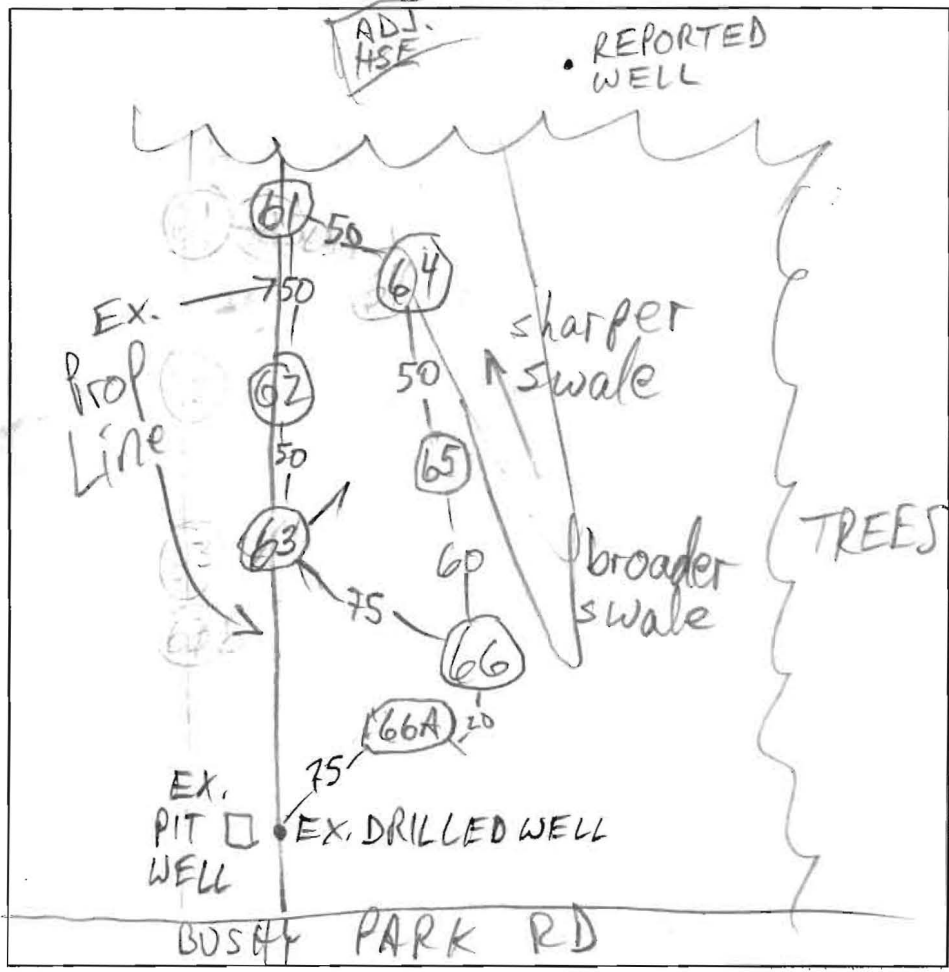
TEST RESULTS WILL BE MAILED TO APPLICANT. Steven Leaf  
SIGNATURE OF APPLICANT

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

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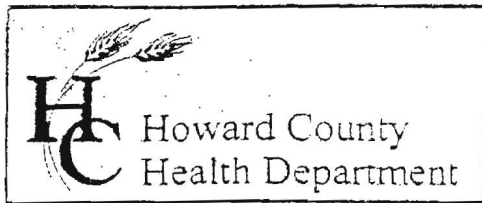
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| DATE    | TEST # | DEPTH | START | BREAK 1" DROP | STOP 2" DROP | TIME OF 2nd INCH | P/F/H |
|---------|--------|-------|-------|---------------|--------------|------------------|-------|
| 7/22/03 | 61 S   | 4     | 10:07 | 10:12         | 10:23        | 11               | P     |
|         | 64 S   | 6     | 10:13 | 10:18         | 10:28        | 10               | P     |
|         | 65 V   | 15    |       |               |              |                  | P     |
|         | 66 S   | 7'3"  | 10:34 | SLOW          |              |                  | F     |
|         | 63 S   | 6     | 10:43 | 10:50         | 11:00        | 4                | P     |
|         | 66A S  | 8     | 11:10 | 11:21         | 11:40        | 19               | P     |
|         | 62 V   | 13    |       |               |              |                  | P     |

REMARKS MAINTAIN 100' TO DRILLED WELL  
 SANITARIAN M. RITKIN BACKHOE Fyock CREW OTHERS  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 11 SQ. FT/BR 210  
 TRENCH WIDTH 3 INLET DEPTH 6 MAX. BOT DEPTH 8 EFFECTIVE SW 0-4  
 AVG 2'



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

August 8, 2003

Steven & Ann Leaf  
4540 Ten Oaks Road  
Dayton, MD 21036

RE: Percolation Test Results – A 519029  
15084 & 15094 Bushy Park Road  
Tax Map 8, Parcel 66  
Two Existing Parcels of Record

Dear Mr. & Mrs. Leaf:

Percolation testing conducted July 22, 2003 on the referenced property indicated satisfactory soil conditions, although some locations revealed deep clays. 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 of all excavated test holes with legend to distinguish passed and failed holes
- 2) a note documenting field-verified topography in the vicinity of the test holes
- 3) the existing house and wells
- 4) the proposed house, well site(s) and sewage reserve areas
- 5) a note certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 6) schedule of proper abandonment/sealing for the older well and existing septic system
- 7) a note of intention to record an offsite easement to support the existing drilled well prior to building permit issuance for the parcel to be served
- 8) the plan identification number (PC 519029) in the title block

Project review is predicated on the existence of the two parcels, although tax records do not support that. If County Zoning determines only one parcel exists, further review will only continue as a subdivision. This would appear to mostly impact the intent to maintain the existing drilled well.

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

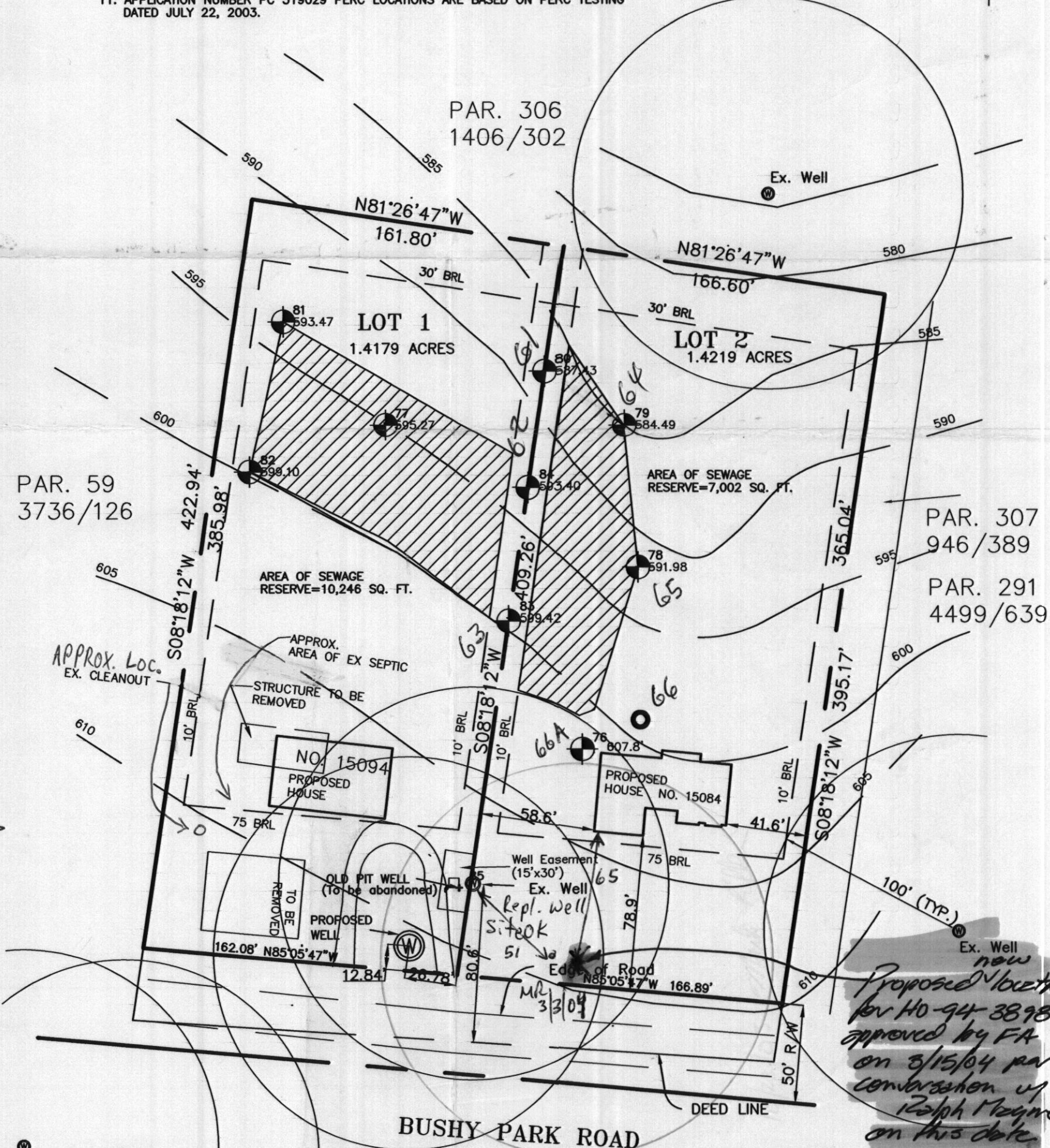
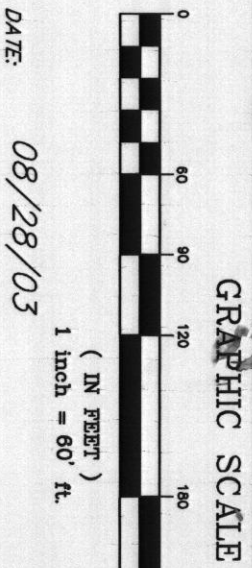
cc: Marks & Associates  
File

**NOTES**

1. THE CONTOURS SHOWN HEREON ARE BASED ON HOWARD COUNTY AERIAL PHOTOGRAPHY DATED APRIL, 1998. ELEVATIONS AT PERC TEST HOLES ARE FIELD MEASURED AND RELATIVE TO HOWARD COUNTY AERIAL PHOTOGRAPHY.
2. SITE ADDRESS: 15084 BUSHY PARK ROAD
3. EXISTING ZONING IS RCDEO
4. BOUNDARY LINES SHOWN HEREON ARE BASED ON A BOUNDARY SURVEY PERFORMED BY MARKS & ASSOC. LLC ON MAY, 2003.
5. ALL EXISTING WELLS AND SEPTIC EASEMENTS HAVE BEEN SHOWN WITHIN 100' OF THE SITE TO THE BEST OF OUR KNOWLEDGE.
6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
7.  THIS AREA DESIGNATES A PRIVATE SEWAGE RESERVE AREA 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 RESERVE AREAS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE RESERVE AREA.
8. EXISTING WELL TO BE MAINTAINED WITH AN OFFSITE EASEMENT TO BE RECORDED, SUBJECT TO YIELD TEST PRIOR TO ISSUANCE OF BUILDING PERMIT.
9. ALL WELLS TO BE DRILLED PRIOR TO ISSUANCE OF A BUILDING PERMIT.
10. A PROPER PROCEDURE FOR THE ABANDONMENT/SEALING OF THE PIT WELL BY A LICENSED WELL DRILLER AND THE EXISTING SEPTIC SYSTEM BY A LICENSED PROFESSIONAL WILL OCCUR PRIOR TO THE ISSUANCE OF A BUILDING PERMIT FOR LOT 1..
11. APPLICATION NUMBER PC 519029 PERC LOCATIONS ARE BASED ON PERC TESTING DATED JULY 22, 2003.

**LEGEND**

- EXISTING 5 FOOT CONTOURS  262
- PROPOSED WELLS 
- PASSED PERC TEST HOLE 
- FAILED PERC TEST HOLE 
- PROPOSED RESERVE AREA 



**MARKS & ASSOCIATES L.L.C.**  
SURVEYING-ENGINEERING-LAND PLANNING  
4531 COLLEGE AVENUE ELLICOTT CITY, MARYLAND  
TELEPHONE (410)747-8738 FAX (410)747-8739

*Signed* **PERCOLATION PLAT**  
**THE OAKS AT BUSHY PARK**  
LOTS 1 & 2  
PARCEL 66  
HOWARD COUNTY, MARYLAND  
(PLAN IDENTIFICATION NO. PC 519029)

APPROVED: FOR PRIVATE WATER AND SEWAGE SYSTEMS ON LOTS 1 & 2  
*Penny B... MR* 9-21-03  
COUNTY HEALTH OFFICER MR DATE



PERCOLATION 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.  
*Erik C. Marks* 9/18/03  
ERIK C. MARKS, RPLS DATE

*Proposed location for HO-94-3898 approved by FA on 3/15/04 per conversation of Ralph Payne on this date*

1:60