

7/22/03



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 7/22/03 TEST TIME _____ A/P A519029
 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 410-531-9203 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 15094 Bushy Park Rd LOT NO. 1

PROPERTY ADDRESS 15094 Bushy Park Rd Woodbine Md 21797
STREET TOWN/POST OFFICE 61762

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

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.

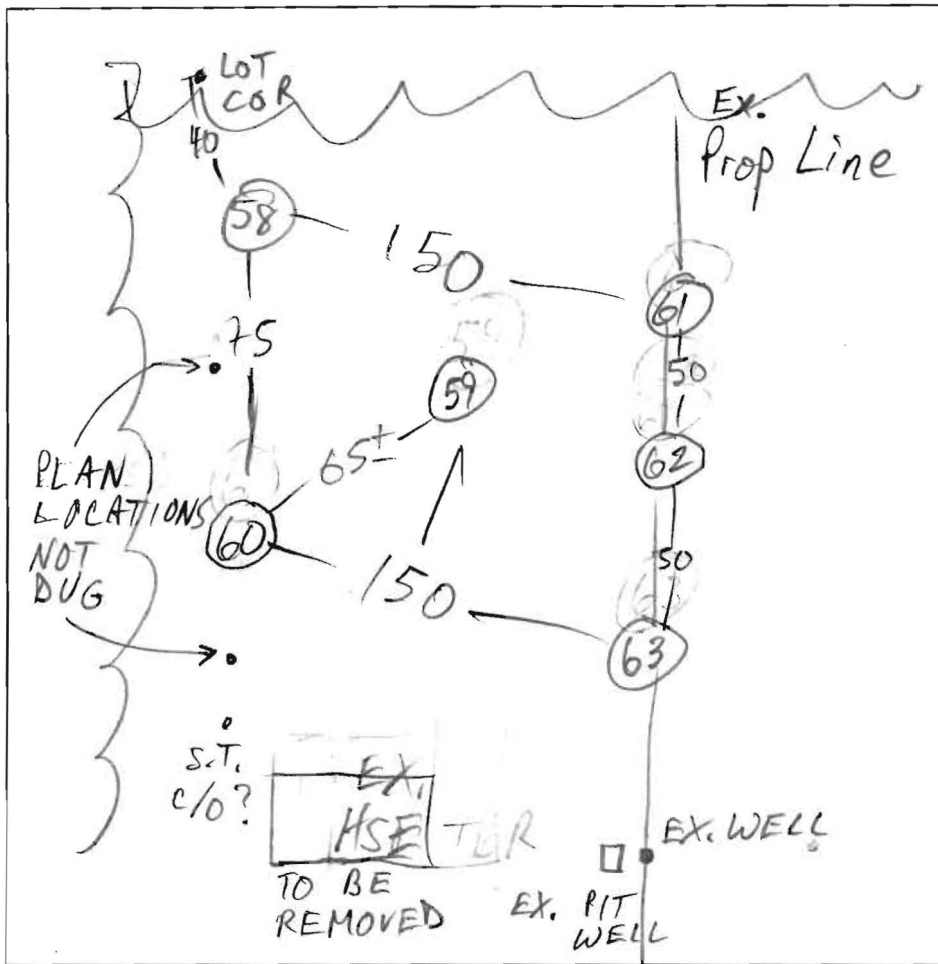
TEST RESULTS WILL BE MAILED TO APPLICANT. Steven Leaf
SIGNATURE OF APPLICANT

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

60
 orge brn
 cl lm
 5-6
 orge pink
 brn hvy lm
 7-8
 yel tan
 pink
 sa lm
 10-15%
 frags
 13

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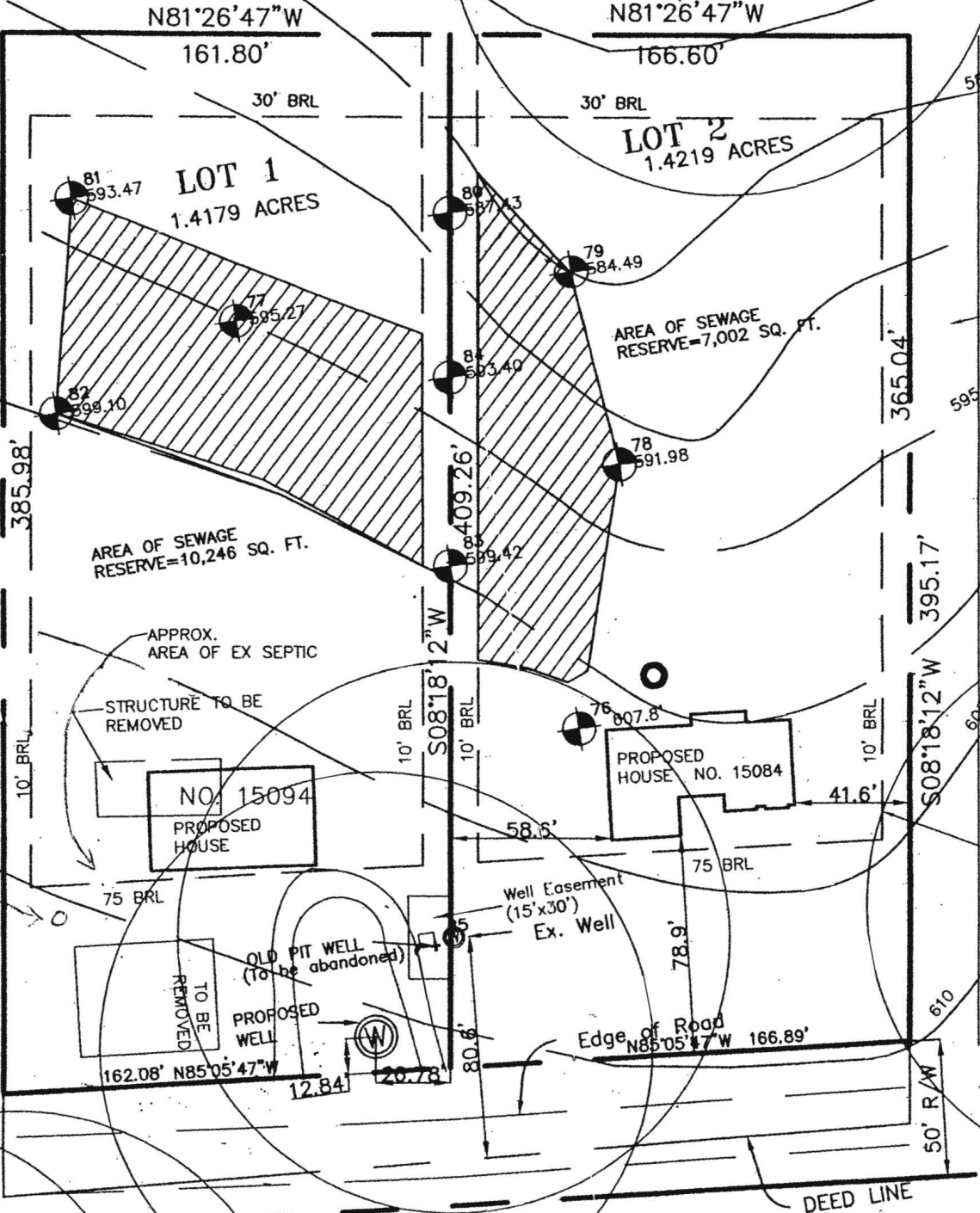
63
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 13

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
7/22/03	60 S	6 1/2	11:46	11:58	3 1/4"		
	V	7 1/3	12:01	12:10	1/2"		
	58 S	5 3/4	11:50	12:00	12:13	13	P
	V	13 1/2					
	60 S	7 9/16	12:14	12:22	12:35	13	P
	V						
	59 V	13 ±					P
	61 S	4	10:07	10:12	10:23	11	P
	V	16					
	62 V	13					P
	63 S	6 7/8	10:43	10:50	10:56	4	P
	V		10:53	10:56	11:00		

REMARKS HOLES (58) (59) (60) NOT PER PLAN
 SANITARIAN M. Riffin BACKHOE Fyock crew OTHERS
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 10 SQ. FT/BR 210
 TRENCH WIDTH 3 INLET DEPTH 6 MAX. BOT DEPTH 8 EFFECTIVE SW 0-1

PAR. 306
1406/302

Ex. Well



PAR. 3
946/3

PAR. 2
4499/1

59
6/126

APPROX. LOC.
EX. CLEANOUT

APPROVED: FOR PRIVATE WATER AND SEWAGE SYSTEMS ON LOTS 1 & 2

Denny Bonte MD 9-21-03
COUNTY HEALTH OFFICER MR DATE

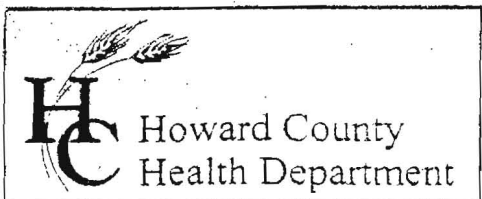


PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE, UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

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

Well Ex. Well

Approved
Eric
certification



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.



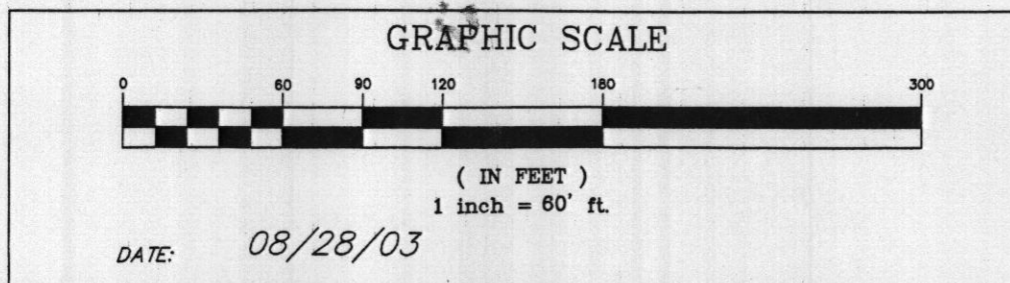
THIS AREA DESIGNATES A PRIVATE SEWAGE RESERVE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE RESERVE AREAS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC 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
- PROPOSED WELLS
- PASSED PERC TEST HOLE
- FAILED PERC TEST HOLE
- PROPOSED RESERVE AREA

MD. STATE GRID MERIDIAN



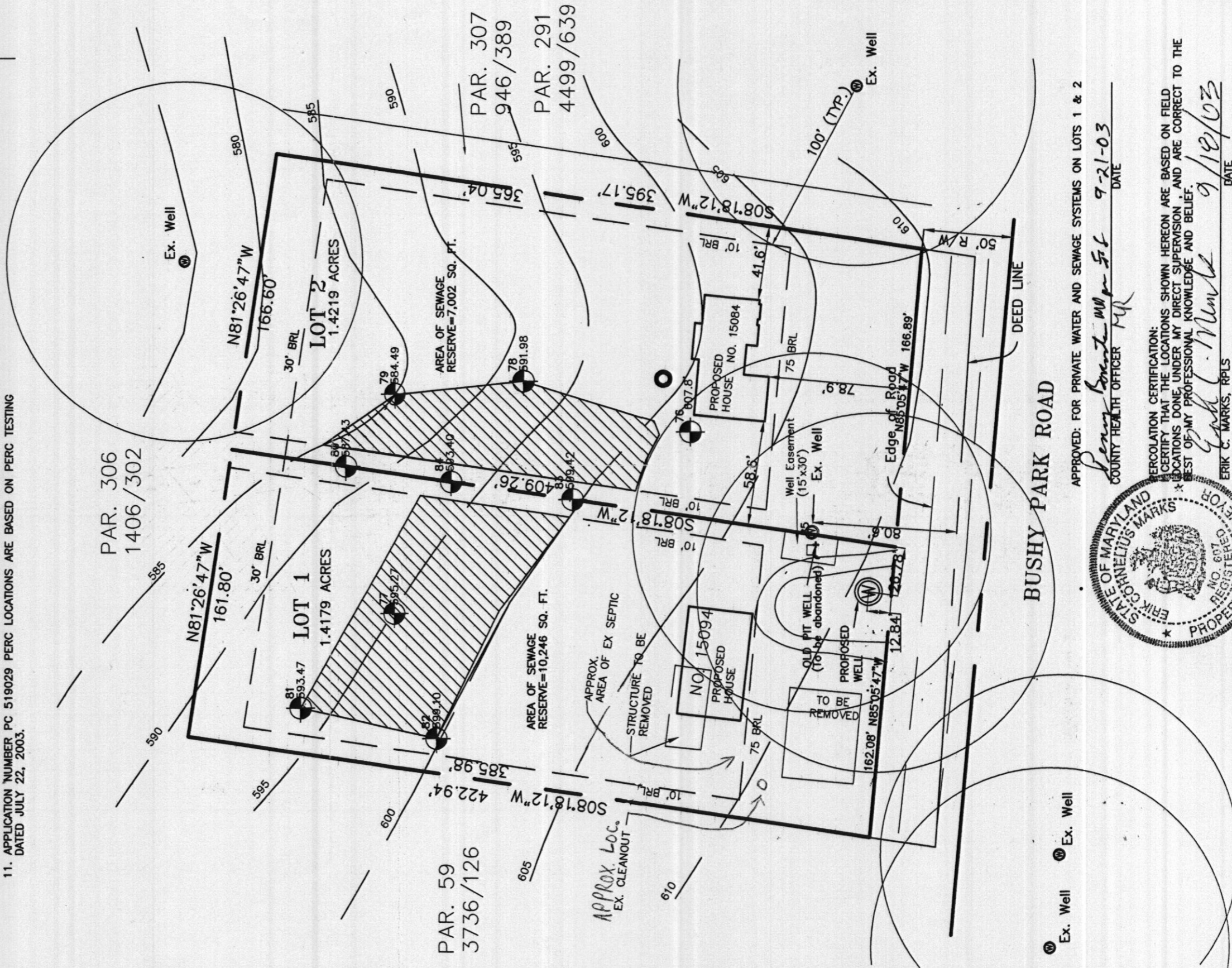
MARKS & ASSOCIATES L.L.C.
 SURVEYING-ENGINEERING-LAND PLANNING
 4531 COLLEGE AVENUE ELLICOTT CITY, MARYLAND
 TELEPHONE (410)747-8738 FAX (410)747-8739

PERCOLATION PLAT
THE OAKS AT BUSHY PARK
LOTS 1 & 2

TAX MAP #8
 4TH ELECTION DISTRICT

PARCEL 66
 HOWARD COUNTY, MARYLAND

(PLAN IDENTIFICATION NO. F)



APPROVED: FOR PRIVATE WATER AND SEWAGE SYSTEMS ON LOTS 1 & 2

Remy Smith
 COUNTY HEALTH OFFICER

DATE 9-21-03

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
 REGISTERED PROFESSIONAL ENGINEER
 NO. 6073
 ERIK C. MARKS, RPLS

