



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 10/7/03 TEST TIME _____

AP 517903

AGENCY REVIEW: _____

DATE _____

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 _____ 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) Gerald & Shirley Baker

DAYTIME PHONE 301-829-2403 CELL _____ FAX _____

MAILING ADDRESS 1730 Florence Road
STREET CITY/TOWN STATE ZIP

APPLICANT Jeff McAlister

DAYTIME PHONE 301-831-7197 CELL _____ FAX _____

MAILING ADDRESS 2610 Mullenix Mill Road
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Baker Property LOT NO. PROPOSED LOT 1

PROPERTY ADDRESS Florence Rd
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 6 GRID _____ PARCEL(S) 151 PROPOSED LOT SIZE 3 acres

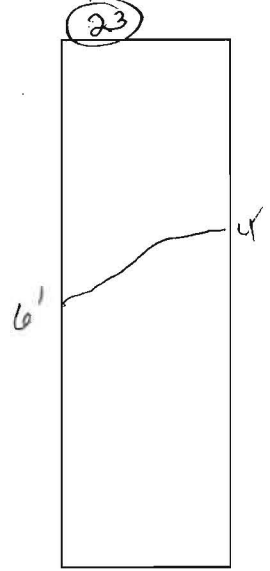
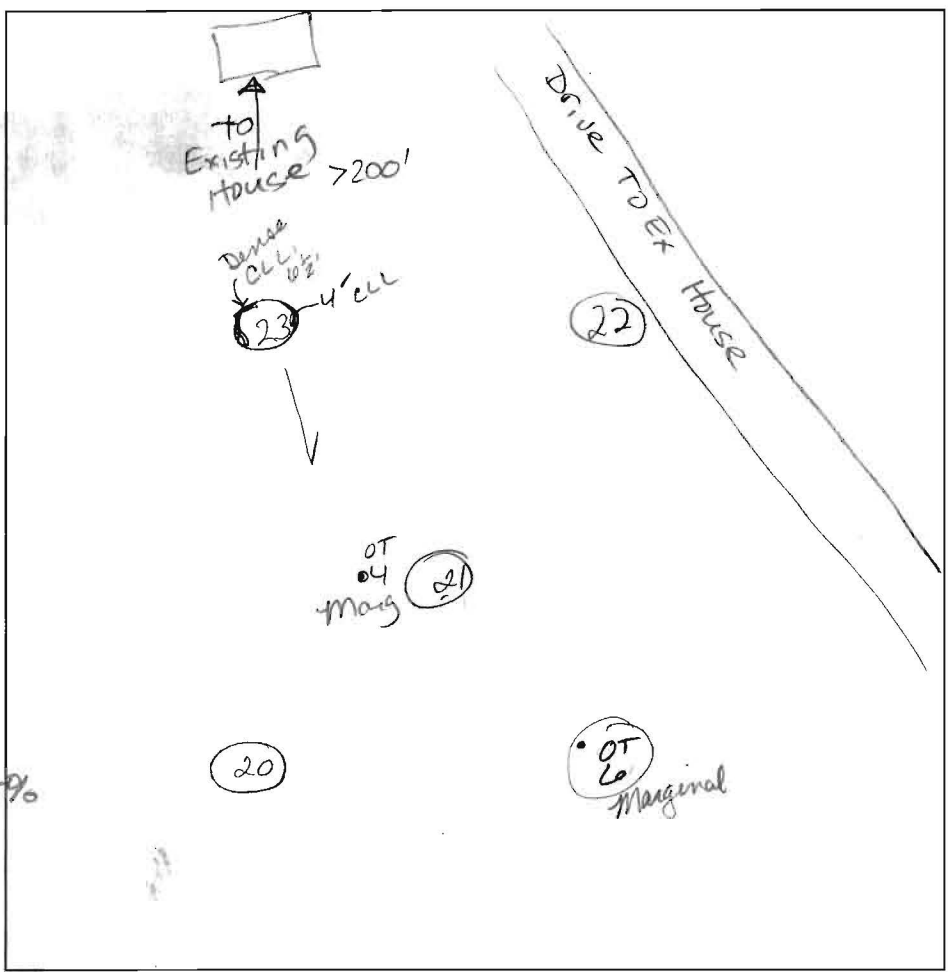
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A.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

TEST RESULTS WILL BE MAILED TO APPLICANT. _____
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 517963

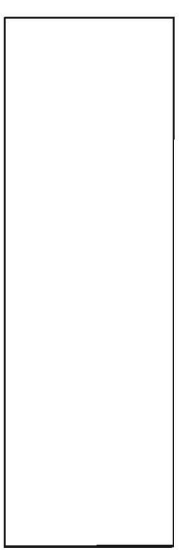
(22)
 Org brn
 s.l.m
 tightly
 packed
 pink
 yellow
 s.l
 Trace
 rock
 V.V. WK
 SAP. ~10-15%
 Bottom 14'



(20)
 Str org brn
 c.l
 (hvy) frags ~5%
 transition
 layer
 yellow
 s.
 cobbles
 & stones
 ~20%
 Bottom 14'

(21)
 Densely
 packed
 c.l.m
 w/ packets
 s.l.m
 Trace Rx
 tan
 yellow
 s.
 wk platy
 structure
 V.V. weak
 sap. x5-10%
 Bottom 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/7/03	(22)	5'8" / 14'v	11:31 ¹⁰	11:39	11:52	13	P
	(20)	4'5" / 14'v	11:36 ²⁴	11:38	11:43	5	P
	(21)	5 1/2'5" / 14'v	11:46 ³⁰	11:58 ⁰⁰	12:13	15	P
	(23)	5 1/2'5" / 14'v	11:57	12:06	12:18	12	P
All holes pass perc test and soil descrip. OK SDA.							



REMARKS Holes Dug on Stake Holes staked per plan
 SANITARIAN Kacie BACKHOE Fyock OTHERS MCA/Cister (Lot 1)
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

APPLICATION

PERCOLATION TESTING

A 517963

P _____

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

DISTRICT _____

DATE 10/18/2002

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 Gerald R. Baker and Shirley A. Baker

ADDRESS 1730 Florence Road Mt. Airy, MD PHONE 301-829-2403

AGENT OR PROSPECTIVE BUYER Jeffrey McAlister

ADDRESS 2610 Mullinix Mill Rd. Mt. Airy, MD PHONE 301-831-7197

PROPERTY LOCATION:

SUBDIVISION BAKER PROPERTY LOT NO. 1

ROAD AND DESCRIPTION Florence Road (Front Lot - Right)

TAX MAP 6 PARCEL # 151

SIZE OF LOT 3.09 Ac ± TYPE BLDG. Single Family
(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.

[Signature]
(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

Florence ROAD

COUNTY #

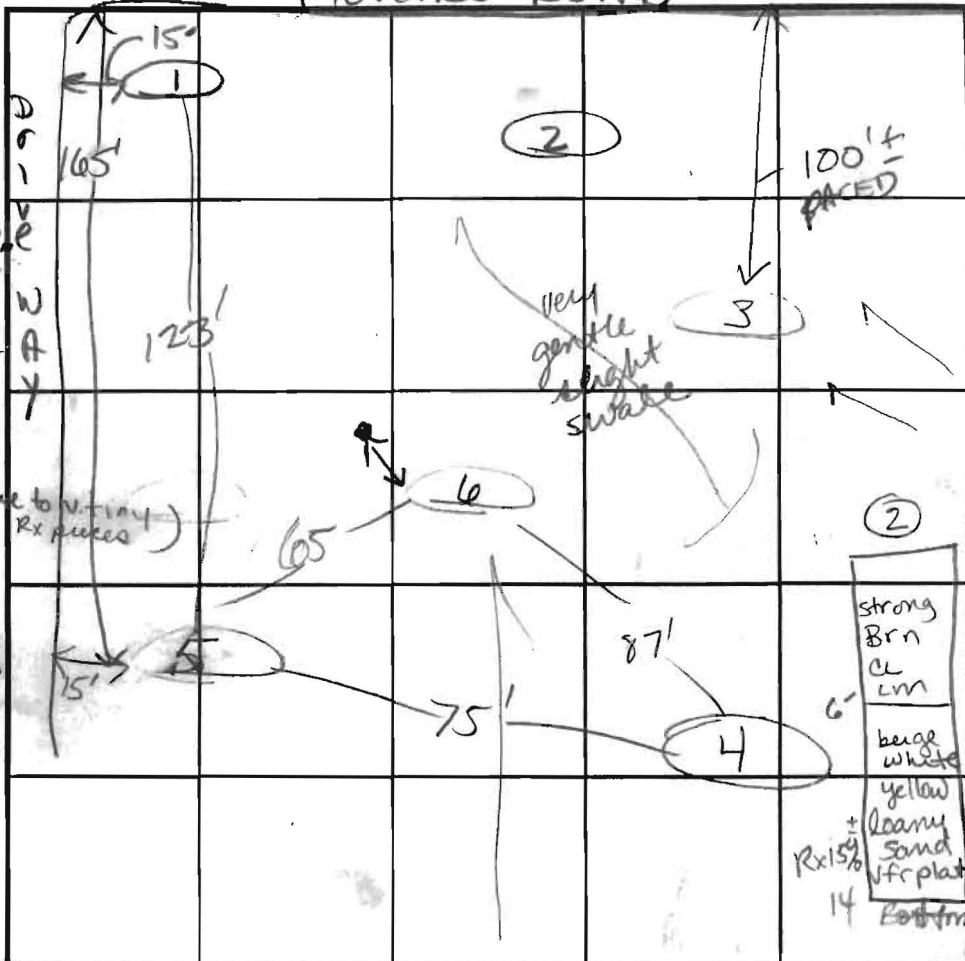
SOIL PROFILE

0' **(1)**
 CL Loam
 Dense Ribbons
 Strong
 brn
 wk org brn
 Y brn
 Rx < 50%
 6 1/2'
 v. fr. platy
 Soil structure
 gritty feel (due to v. fr. platy)
 loam
 Quartz frags
 v. v. fr.
 Saprolite ~ 20%
 Bottom 14'

(4)
 Strong
 Brn
 pink
 Rx < 10%
 sm frag
 CLAY Lm
 HVY

6 1/2'
 Si Loam
 fine
 strong
 pink
 Bottom 13 1/2'

(6)
 TAN
 CLAY
 4'
 CLAY
 Loam
 Si CL Lm
 Cherty Frags
 Min
 boulders
 Quartz
 floccy
 frags
 35-45%
 Bottom 15'



SOIL PROFILE

0' **(3)**
 Strong
 Brn
 hvly, sticky
 clay
 Lm
 w/ some
 grittiness
 6'
 hvly
 loam
 in 1-3mm
 clumps of
 soil due to
 hvly CL content
 Bottom 14'
 Rx - sm frag
 Cherty
 15-20%
 soil structure

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12-12-02	(5)	6'8" / 14"	10:07	Too slow - Re pour				
	(4)	6'10" / 13 1/2"	Stake fell reset	10:33	10:33	11:08	still 1/8" to go SLOW	
	(6)	7'5"	10:21:19	ANOTHER 1/8" to go pulled @ 10:51			SLOW (F)	
	perc in Rock	9' M/15	10:15 ⁵²	10:16 ⁵⁸	10:16 ⁵⁸	10:19 ³⁶	2+ OK	
	(5)	7 1/2'S	10:30 ⁴⁸				SLOW (F)	
	(3)	SOIL-DENSE		DN perc			(F)	
	(1)	Stopped DIGGING DUE TO NO FEASIBILITY						
	(2)	SEE SOIL PROFILE NOT FEASIBLE DUE TO LOCATION. GOOD SOIL BELOW						

REMARKS: Holes dug 6' per plan except hole #1
 TYPE OF SOIL: _____
 TESTED BY: Kacie ALSO PRESENT: Hatfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

CURVE DATA

NUMBER	RADIUS	ARC LENGTH	DELTA ANGLE	TANGENT	CHORD DIRECTION	CH. LENGTH
C1	175.00	136.88	44°48'52"	72.16	N 17°50'47" E	133.42

COORDINATES

PT. #	NORTH	EAST
46	603438.9897	1270708.434
47	603036.0605	1270709.4189
48	602933.2568	1270929.9520
49	603174.5480	1271149.4206
50	603091.5477	1271105.8021
51	603409.6148	1271346.9365
52	603307.8408	1271287.5435
53	603390.4806	1271356.9820
54	603041.0490	1271381.0691
55	602871.8696	1271061.6391
56	602888.9758	1271607.9690
57	602779.1225	1271514.9595
58	602774.3040	1271538.5107
59	603164.6991	1271821.7823
60	603182.2176	1271789.6119
61	603168.2519	1271790.1660
62	603154.8692	1271789.6497
64	603121.2488	1271809.0405
65	603055.2219	1271748.7246
66	603046.0285	1271770.4758
68	602960.2859	1271700.5198
69	603757.6795	1270708.2092
159	603768.7011	1270712.6161

NOTE: COORDINATES AND GRID TICS SHOWN HEREON ARE IN FEET, TO CONVERT TO METERS DIVIDE BY 3.28083333.

OWNER/DEVELOPER
 GERALD R. BAKER, elux
 C/O JEFF McALISTER
 2610 MULLINIX MILL ROAD
 MT. AIRY MD. 21771

MINIMUM LOT SIZE CHART

LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
3	3.2917 Ac.±	0.2765 Ac.±	3.0152 Ac.±
4	4.4598 Ac.±	0.1361 Ac.±	4.3217 Ac.±

TABULATION OF FINAL PLAT:

A. Total number of lots and/or parcels to be recorded:
 Buildable..... 4

B. Total area of lots and/or parcels:
 Buildable..... 14.3702 Ac.±

C. Total area of road right-of-way to be recorded, including widening strips..... 0.2612 Ac.±

D. Total gross area of subdivision to be recorded..... 14.6314 Ac.±

THE REQUIREMENTS §3-10B, 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.

Sourabh G. Munshi 12/19/06
 SOURABH G. MUNSHI, P.L.S. NO. 10770 DATE

Shirley A. Baker 12/20/06
 GERALD R. BAKER, OWNER DATE

Shirley A. Baker 12/20/06
 SHIRLEY A. BAKER, OWNER DATE

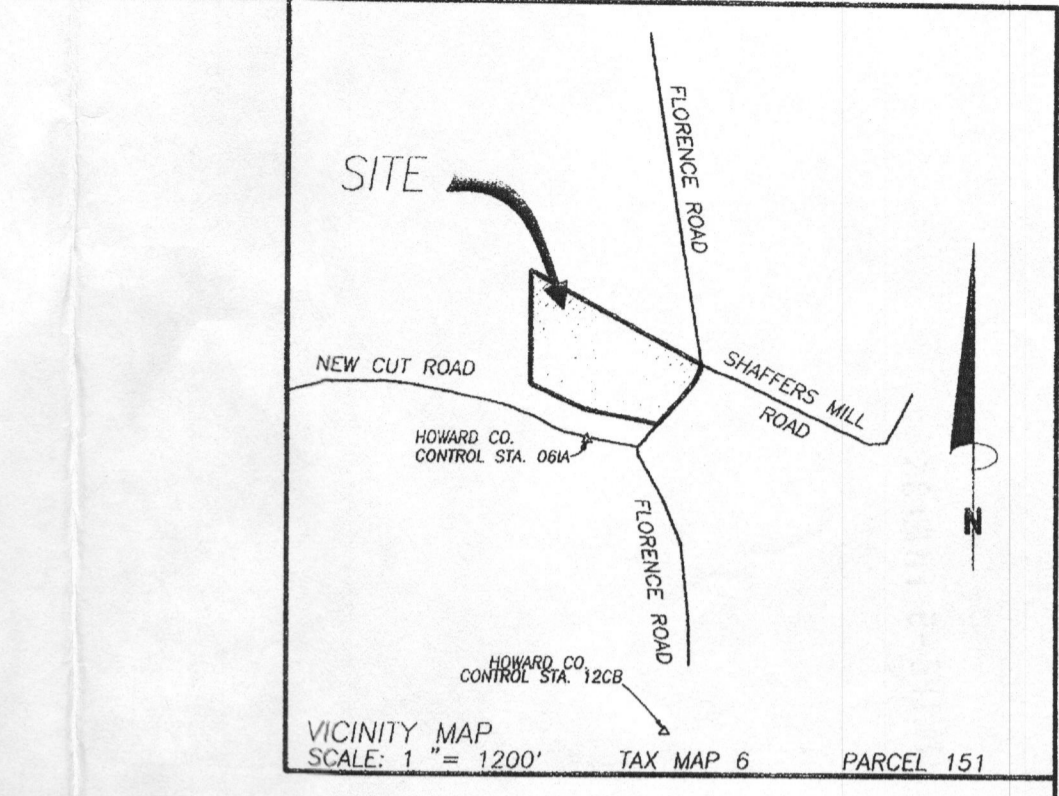
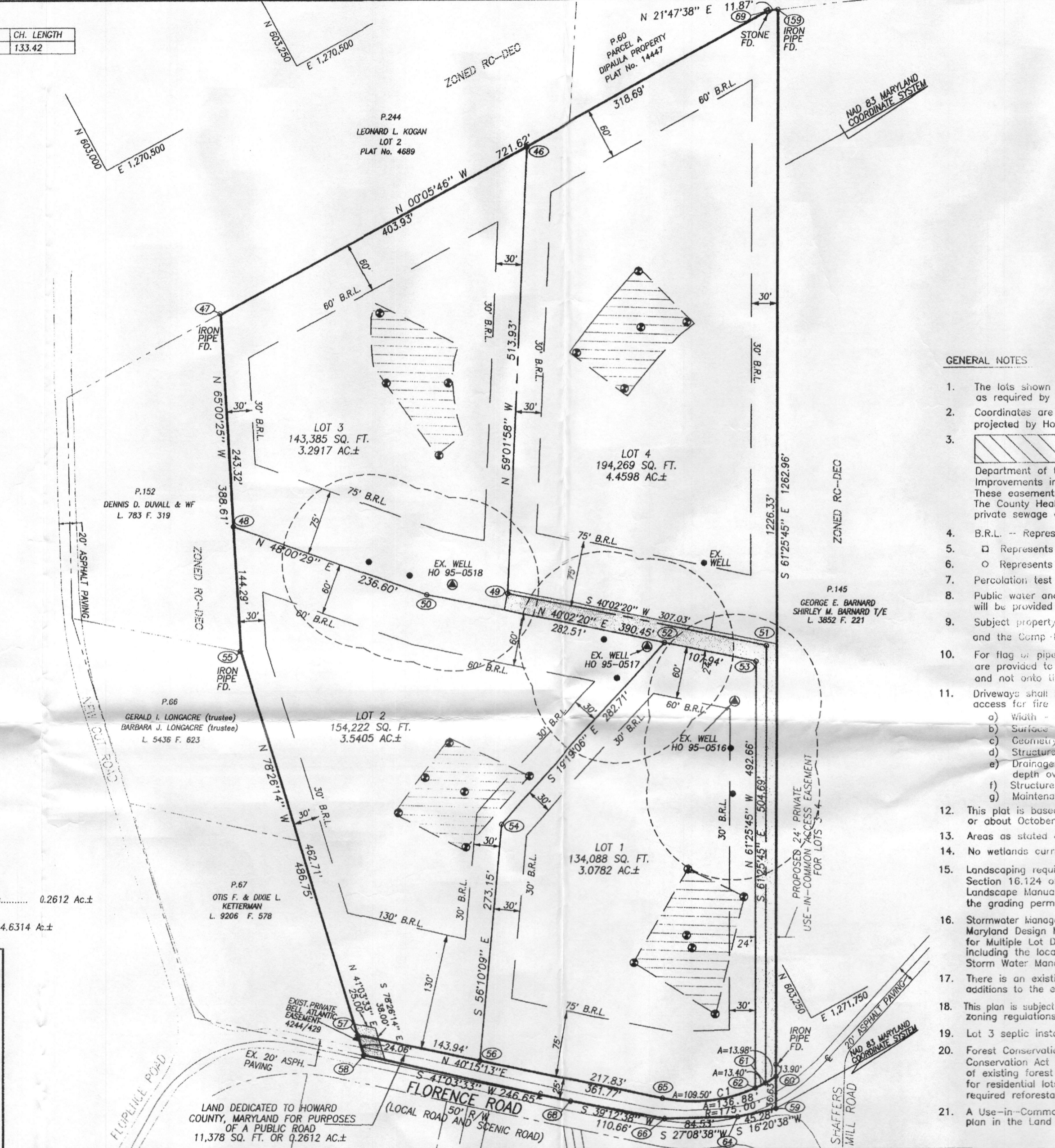
APPROVED
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

Robert J. ... 1/4/07
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

... 1/5/07
 CHIEF, DEVELOPMENT ENGINEERING DATE

... 1/21/07
 DIRECTOR DATE



- GENERAL NOTES**
- The lots shown hereon comply with the minimum ownership width and lot area as required by the Maryland State Department of the Environment regulations.
 - Coordinates are based on NAD 83 Maryland Coordinate System as projected by Howard County Geodetic Control Stations No. 061A & 12CB.
 - This area designates a private sewage easement of at least 10,000 square feet (10,000 square feet per lot for shared drain fields associated with a shared sewage disposal facility) as required by Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements in 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 adjustments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
 - B.R.L. - Represents building restriction line
 - Represents concrete monument set (unless otherwise noted)
 - Represents iron rebar set (unless otherwise noted)
 - Percolation test holes shown hereon have been field located and shown thus ⊕
 - Public water and sewer are not available to this site. On-lot water and sewer will be provided until public utilities are available.
 - Subject property zoned "RCDEO" per 02/02/04 comprehensive zoning plan, and the Comp. Zoning Amendments effective 7/28/06.
 - For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right-of-way line only and not onto the flag or pipestem lot driveway.
 - Driveways shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
 - Width - 12' (14' serving more than one residence).
 - Surface - 6" of compacted crusher run base w/rot and chip coating.
 - Geometry - Max. 15% grade, max. 10% grade change and min. 45° turning radius.
 - Structures (culvert/bridges) - capable of supporting 25 gross tons (H25 loading).
 - Drainage Elements - capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface.
 - Structure clearances - minimum 12 feet.
 - Maintenance - sufficient to insure all weather use.
 - This plat is based on a field run monumented boundary survey performed on or about October 17, 2006 by Sourabh G. Munshi, Vanmar Associates, Inc.
 - Areas as stated on this plat are to be taken as more or less, unless otherwise noted.
 - No wetlands currently exist on this subdivision and the subdivision does not lie within a flood hazard area.
 - Landscaping requirements for these lots shall be provided in accordance with the provisions of Section 16.124 of the Howard County Subdivision and Land Development Regulations and the Landscape Manual. Financial surety for the required Perimeter Landscaping will be posted with the grading permit for 26 shade trees in the amount of \$7,800.
 - Stormwater management requirement for Lots 1, 2 & 3 is provided under sections 5.3 and 5.6 of the 2000 Maryland Design Manual Non Rooftop Disconnection Credit and Environmentally Sensitive Development Credit for Multiple Lot Development. At the building permit stage, lot grading and site of impervious areas including the location of the proposed house and driveway shall be per the approved Storm Water Management Exhibit. There is an existing dwelling on Lot 4.
 - There is an existing dwelling/structure located on Lot 4 to remain. No new buildings, extensions or additions to the existing dwelling are to be constructed at a distance less than the zoning regulations require.
 - This plan is subject to the Amended 5th Edition Subdivision and Land Development Regulations and to the zoning regulations effective January 6, 2002.
 - Lot 3 septic installation required prior to building permit signature due to random excessive rock pockets
 - Forest Conservation requirements per Section 16.1202 of the Howard County Code and Forest Conservation Act for this Subdivision have been fulfilled through the forest retention credit of 3.75 acres of existing forest located on lots 3 and 4 in accordance with the adopted DPZ Policy date May 11, 1999, for residential lots greater than 60,000 sq.ft. A fee-in-lieu of \$4,138.20 for 0.19 acres of remaining required reforestation shall be paid to the Forest Conservation Fund.
 - A Use-in-Common Maintenance Agreement for Lots 3 and 4 shall be recorded simultaneously with this plan in the Land Records office for Howard County.

OWNER'S CERTIFICATE

WE, GERALD R. BAKER AND SHIRLEY A. BAKER, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY 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 LINES AND GRANT TO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS:

- THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON;
- THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE 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 BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE;
- THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND
- THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAYS.

WITNESS MY/OUR HANDS THIS 20 DAY OF December, 2006.

Gerald R. Baker
 GERALD R. BAKER, OWNER

Shirley A. Baker
 SHIRLEY A. BAKER, OWNER

SURVEYOR'S CERTIFICATE

I, HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY GERALD R. BAKER TO GERALD R. BAKER AND SHIRLEY A. BAKER BY DEED DATED NOVEMBER 18, 1994 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 3399 FOLIO 296 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

Sourabh G. Munshi 12/19/06
 SOURABH G. MUNSHI, P.L.S. #10770 DATE

RECORDED AS PLAT NO. 18776 ON 1-19-07 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

MINOR SUBDIVISION PLAT
 LOTS 1 THRU 4
MOCKINGBIRD FOREST
 (LIBER 3399 AT FOLIO 296)

TAX MAP: 6 ELECTION DISTRICT: FOURTH SCALE: 1"=100'
 GRID NO: 24 HOWARD COUNTY, MARYLAND DATE: OCTOBER, 2006
 PARCEL NO: 151 EX. ZONING: RCDEO SHEET 1 OF 1

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street P.O. box 328
 Mount Airy, Maryland 21771
 (301) 829 2890 (301)831 5015 (410) 549 2751