

# APPLICATION

PERCOLATION TESTING

A 516412

P \_\_\_\_\_

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

DISTRICT 4th

DATE 11/8/01

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 Evelyn W. Pickett

ADDRESS 16571 Frederick Road, Mt. Airy, MD PHONE 410-489-4697

AGENT OR PROSPECTIVE BUYER Merhlyn Pickett Barnes <sup>21771</sup> work Ms. Barnes 410-489-7987

ADDRESS 1878 Woodbine Road, Woodbine, MD 21797 PHONE 410-489-4465 489-5448 fax

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. N/A

ROAD AND DESCRIPTION Access from Rt. 94 onto private Rd. (Barnes Road)

TAX MAP 7 PARCEL # 081

SIZE OF LOT 1 acre TYPE BLDG. Single Family Dwelling  
(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. Merhlyn P. Barnes  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

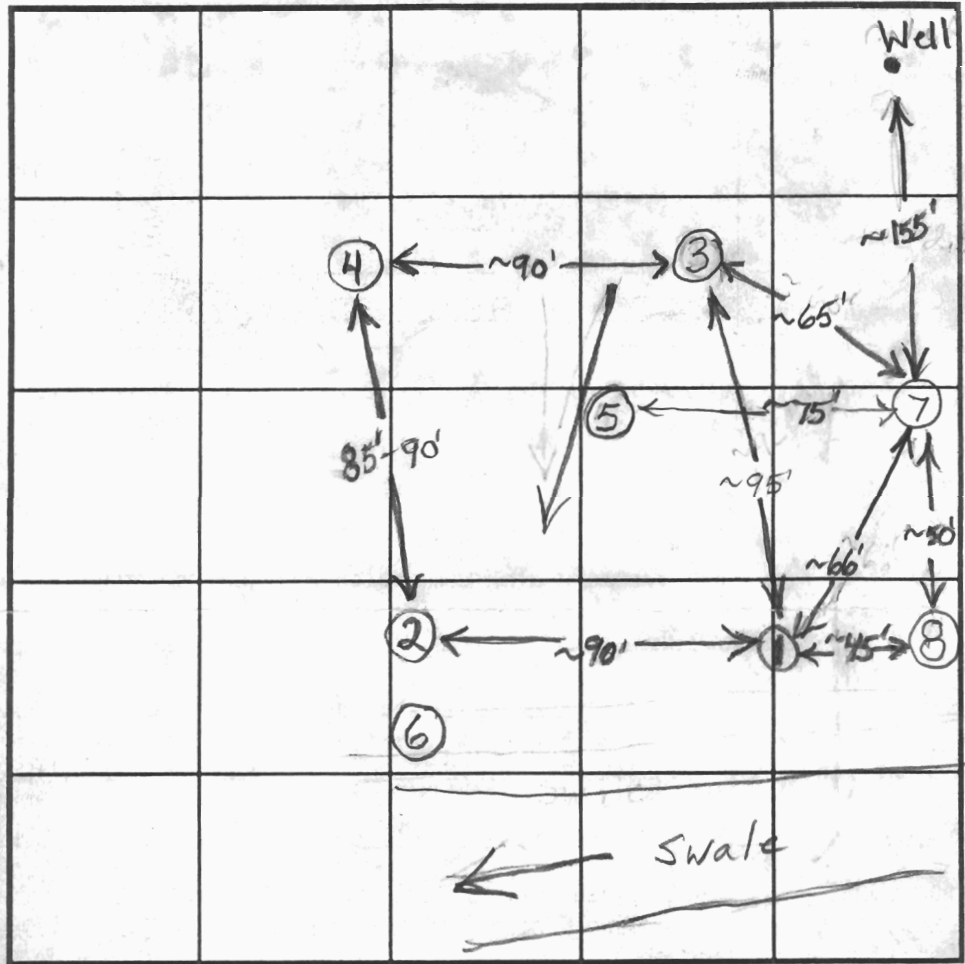
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

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

COUNTY # \_\_\_\_\_  
 SOIL PROFILE (3)  
 0' Or Br Si Cl Loam  
 2'-3' Or Br Sa Loam  
 ~40% Saprolite  
 13' (1, 5, 7, 8)  
 or Br Si Cl Loam  
 3' Or Br Sa Loam  
 ~35% Saprolite  
 13.5'  
 (2)  
 Top soil and or Br Si Cl Loam  
 3.5' Med Br Sa Loam  
 ~40% Saprolite  
 13.5'



SOIL PROFILE (4)  
 0' Or Br Si Cl Loam  
 2.5'-3.5'  
 Light Br Sa Loam  
 ~35% Saprolite  
 12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/22/02	3	4'/13'V	10:52	10:54	10:54	10:57	3
	1	4.5'/13.5'V	11:03	11:06	11:06	11:10	4
	2	4.5'/13.5'V	11:15	11:17	11:17	11:22	5
	4	4'/12'V	11:27	11:29	11:29	11:33:30	4 1/2
	5	11.5'V	- Similar to Hole 1				OK
	6	- Visual to ~12', Deep Clay →					Not Tested
5/16/03	7	4.5'/12'V	4:08	4:11	4:11	4:16	5
	8	13'V	—————→				OK

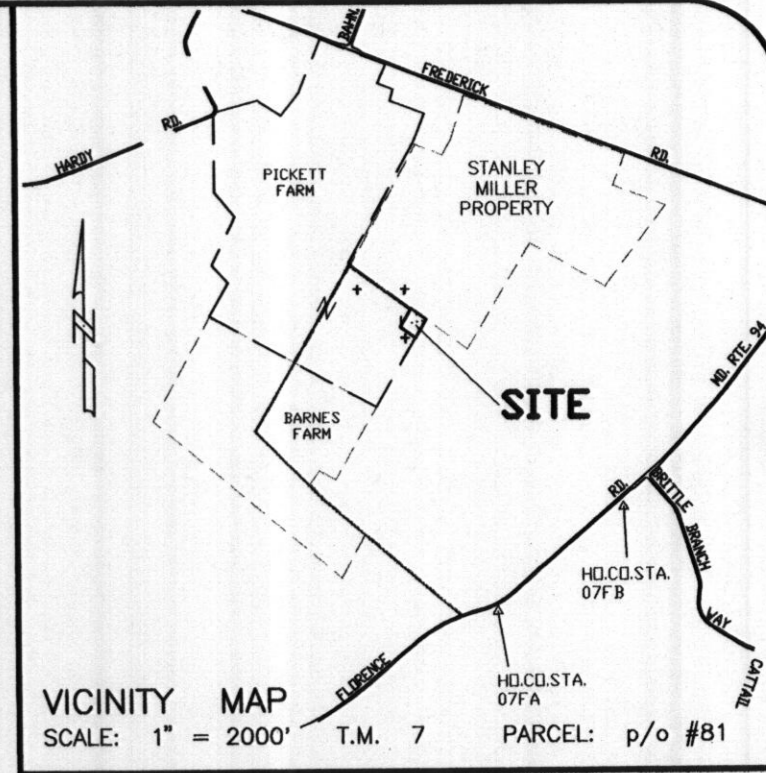
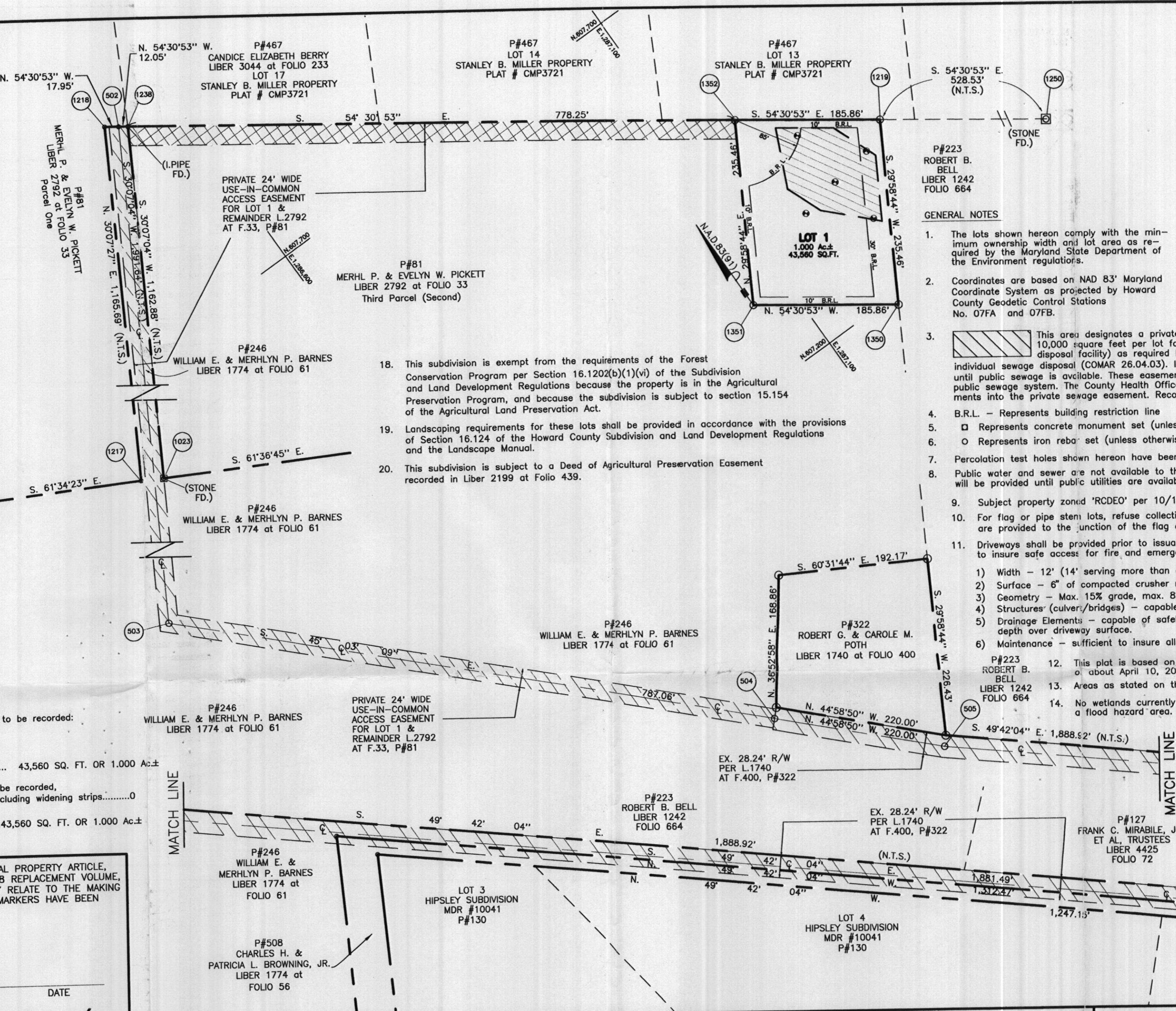
REMARKS Moved up from hole 6, Clay getting deeper  
 TYPE OF SOIL closer to swale, All Other Holes are O.K.  
 TESTED BY B. Baker ALSO PRESENT Bill Barnes  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

COORDINATES		
PT. #	NORTH	EAST
502	607958.8430	1286523.3170
503	606236.0795	1285523.9540
504	605680.0570	1286080.9956
505	605524.0287	1286236.9174
506	604307.1323	1287671.8955
1023	606945.9596	1285949.6234
1217	606961.0129	1285923.6735
1218	607969.2611	1286508.7033
1219	607392.1904	1287318.1697
1238	607951.8464	1286533.1313
1250	607085.3822	1287748.5344
1350	607188.2320	1287200.5139
1351	607296.1209	1287049.1764
1352	607500.0793	1287166.8322

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

**OWNER**  
 EVELYN W. PICKETT & MERHLE P. PICKETT, TRUSTEE'S  
 16571 FREDERICK ROAD  
 MOUNT AIRY, MD 21771

**DEVELOPER**  
 WILLIAM E. BARNES  
 1878 WOODBINE ROAD  
 WOODBINE, MD 21797



**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 regulators.
- Coordinates are based on NAD 83 Maryland Coordinate System as projected by Howard County Geodetic Control Stations No. 07FA and 07FB.
- This area designates a private sewage easement of at least 10,000 square feet (or 10,000 square feet per lot for shared drain fields associated with a shared sewage disposal facility) as required by the 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 variances for encroachments 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 10/18/93 comprehensive zoning plan.
- For flag or pipe stem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipe stem lot driveway.
- Driveways shall be provided prior to issuance of a use and occupancy permit for any new dwellings 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/tar and chip coating (1-1/2" min.);
  - Geometry - Max. 15% grade, max. 8% grade change and min. 45' turning radius;
  - Structures (culver/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.
  - Maintenance - sufficient to insure all weather use.
- This plat is based on a field run monumented boundary survey performed on or about April 10, 2003 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.
- A use-in-common driveway maintenance agreement for Lot 1, and Parcel No.'s 81 & 246 was recorded with the recording of this Final Plat at Howard County Land Records office.
- This plat is subject to Section 15.514(b) of the Agricultural Preservation Program.
- Lot 1 is created in accordance with the provisions of section 104.E6 of Zoning Regulations and will be released from the Agricultural Land Preservation Program per section 15.51 of the Agricultural Land Preservation Act.

**AREA TABULATION:**

- Total number of lots and/or parcels to be recorded:  
Buildable.....1
- Total area of lots and/or parcels:  
Buildable..... 43,560 SQ. FT. OR 1.000 Ac ±
- Total area of road right-of-way to be recorded,  
including widening strips.....0
- Total gross area of subdivision  
to be recorded.....43,560 SQ. FT. OR 1.000 Ac ±

THE REQUIREMENTS §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.

(DECEASED)  
 MERHLE P. PICKETT (TRUSTEE) DATE \_\_\_\_\_

*Evelyn W. Pickett* 5/14/03 DATE  
 EVELYN W. PICKETT (TRUSTEE)

*Sourabh Munshi* 5/14/03 DATE  
 SOURABH G. MUNSHI, P.L.S. NO. 10,770

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

*Penny Bonita* 6-12-03 DATE  
 HOWARD COUNTY HEALTH DEPARTMENT BB

**APPROVED**  
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

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

CHIEF, DEVELOPMENT ENGINEERING DATE \_\_\_\_\_

**OWNER'S CERTIFICATE**

WE, MERHLE P. PICKETT, AND EVELYN W. PICKETT (TRUSTEES), OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS AGRICULTURAL PRESERVATION SUBDIVISION PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS:

WITNESS MY/OUR HANDS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2000.

(DECEASED)  
 MERHLE P. PICKETT (TRUSTEE) DATE \_\_\_\_\_ WITNESS DATE \_\_\_\_\_

*Evelyn W. Pickett* 5/14/03 DATE  
 EVELYN W. PICKETT (TRUSTEE)

*Sourabh Munshi* 5-14-03 DATE  
 SOURABH G. MUNSHI, P.L.S. #10770

**SURVEYOR'S CERTIFICATE**

I, HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LANDS CONVEYED BY MERHLE P. PICKETT AND EVELYN W. PICKETT TO MERHLE P. PICKETT AND EVELYN W. PICKETT (TRUSTEES) BY DEED DATED AUGUST 25, 1992 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 4813 FOLIO 0149 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.

\* DECEASED



*Sourabh Munshi* 5/14/03 DATE  
 SOURABH G. MUNSHI, Prof. L.S. #10770

RECORDED AS PLAT NO. \_\_\_\_\_ ON \_\_\_\_\_ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

AGRICULTURAL PRESERVATION SUBDIVISION PLAT  
 SECTION 1, LOT 1  
**PICKETT FARM**  
**F03-184**

TAX MAP: -7 ELECTION DISTRICT: FOURTH SCALE: 1"=100'  
 GRID NO: 10 HOWARD COUNTY, MARYLAND DATE: MAY, 2003  
 PARCEL NO: P/O 81 EX. ZONING: RC-DEO

**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

