

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Lambert Cissel

ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PHONE (410) 442-5671

PROSPECTIVE BUYER Developer, Land Marketing Consultants, Inc., Timothy W. Feaga

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE (410) 313-8808

PROPERTY LOCATION:

SUBDIVISION Cissel Property LOT NO 4/27

ROAD AND DESCRIPTION Intersection of Hardy & St. Michael's Road

TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre TYPE BLOG \_\_\_\_\_  
(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.

Willis Lambert Cissel JR  
(SIGNATURE OF APPLICANT)

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

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

HD-216

# THIS IS NOT A PERMIT

Lot 27

COUNTY #

SOIL PROFILE

3.5

0' topsoil  
 1' beige silt  
 3.0 red brn silt  
 5.0 pink to red silt 10% shale  
 2.0

4

orange red brn silt

red brn silt

5.0 lgt yellow brn to white silt 15% shale  
 2.0

6

pink to red silt

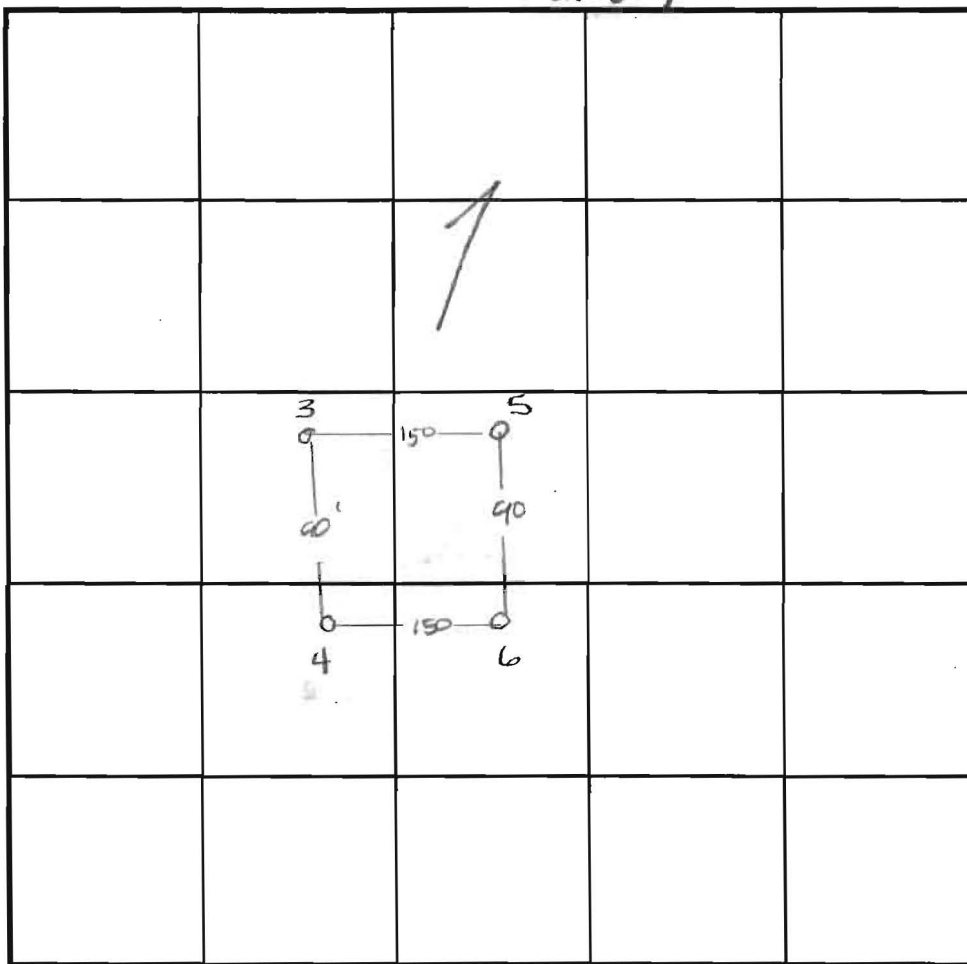
2.0 lgt yel silt 15% shale horizontal

multi-color decayed shale

2.0 20% Rx at bottom

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hardy Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-21-97	3	Visual	to 12.0	See profile			OK
	4	3.0 V12.0	10:21	10:22	10:22	10:23 <sup>30</sup>	1 1/2 min
	5	3.0 V12.0	10:29	10:41	—	—	slow
		4.0 V12.0	10:40	10:40 <sup>30</sup>	10:40 <sup>30</sup>	10:43 <sup>30</sup>	3 min
	6	3.5 V12.0	10:47	10:48	10:48	10:54	6 min

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 2.0'

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 7.0 SQ. FT./BEDROOM 180 sq

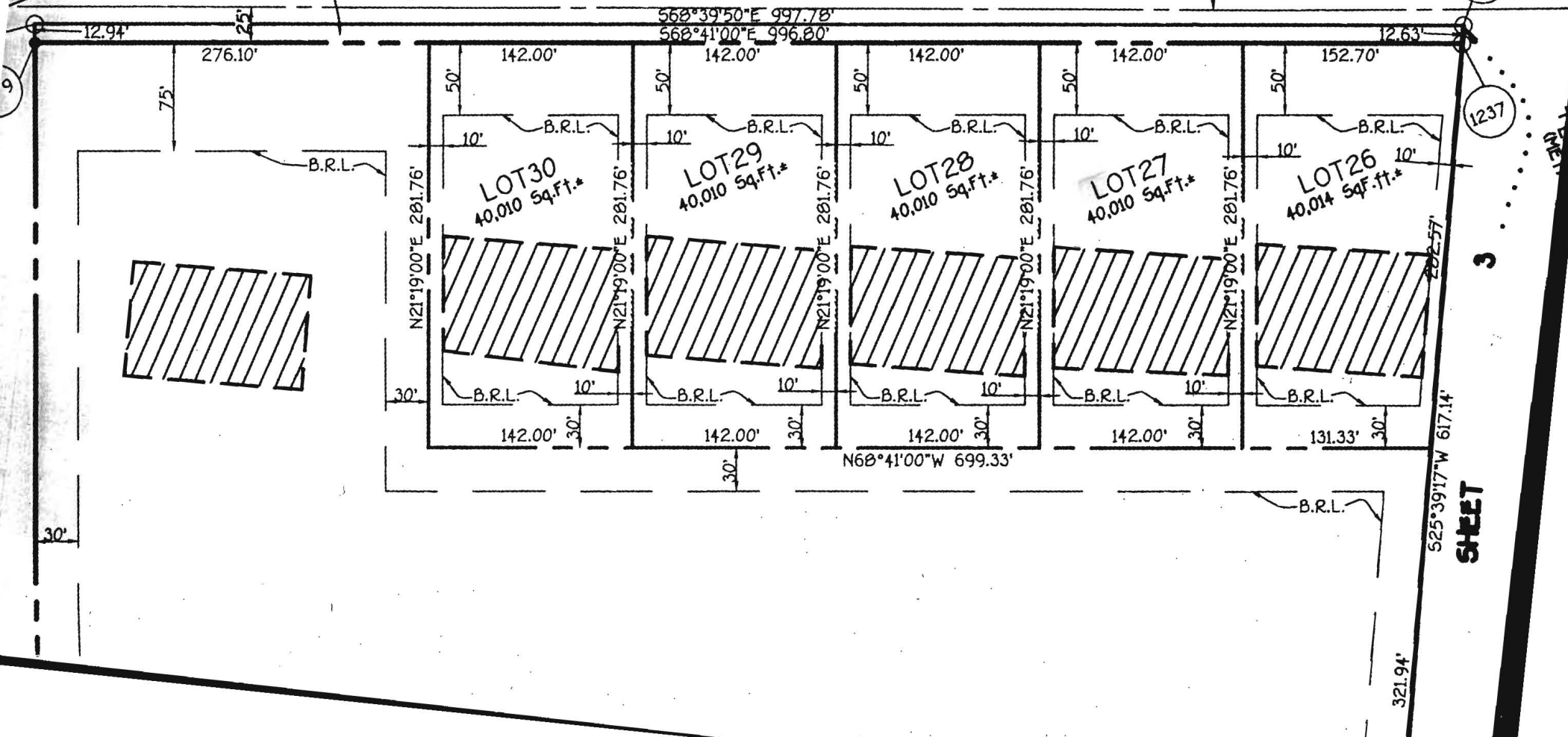
F-99-30

Land Dedicated To Howard County,  
Maryland For The Purpose Of A  
Public Roadway (0.292 Ac.±)

# HARDY ROAD

(LOCAL ROAD)

Existing Centerline  
Roadway



880

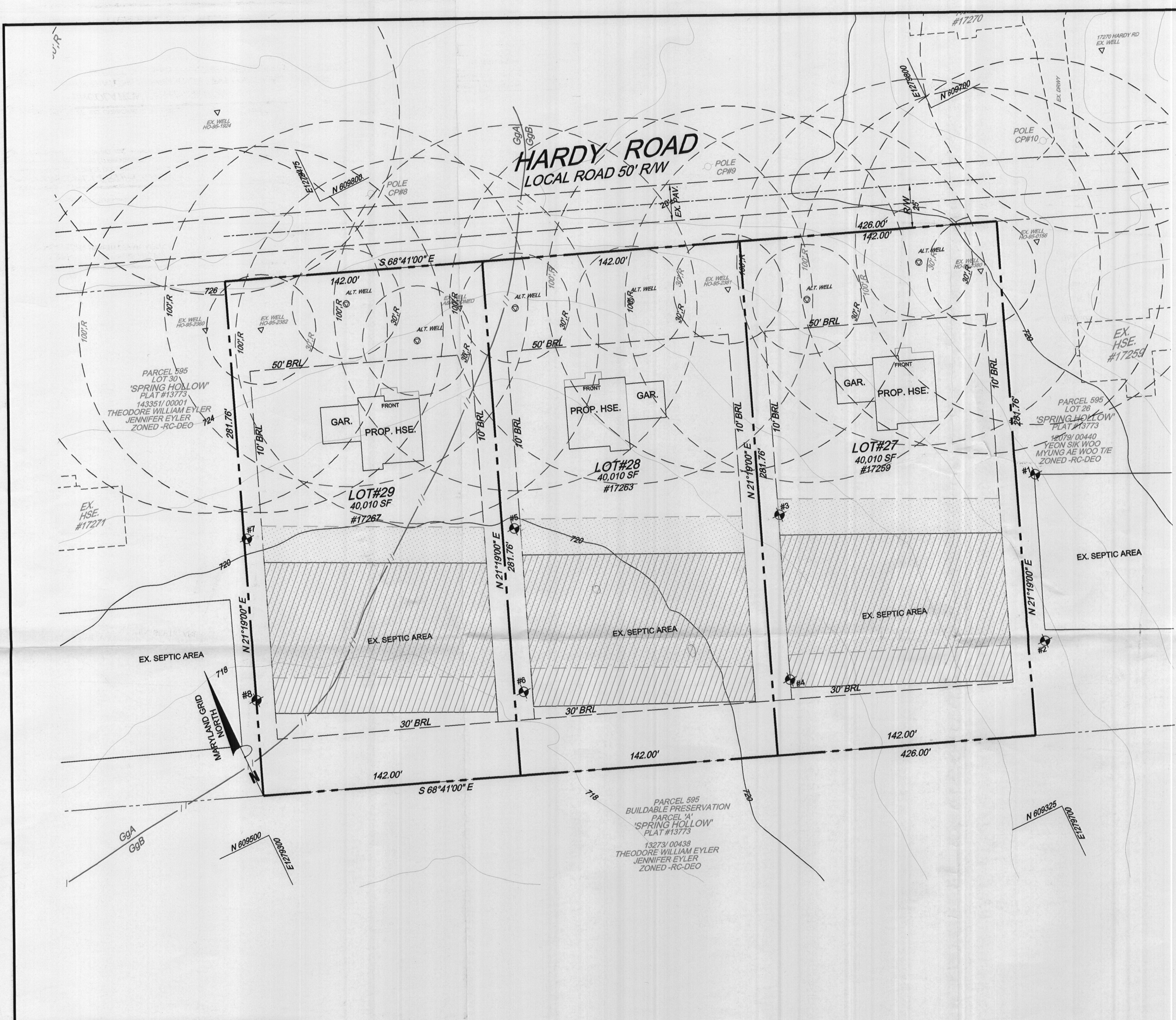
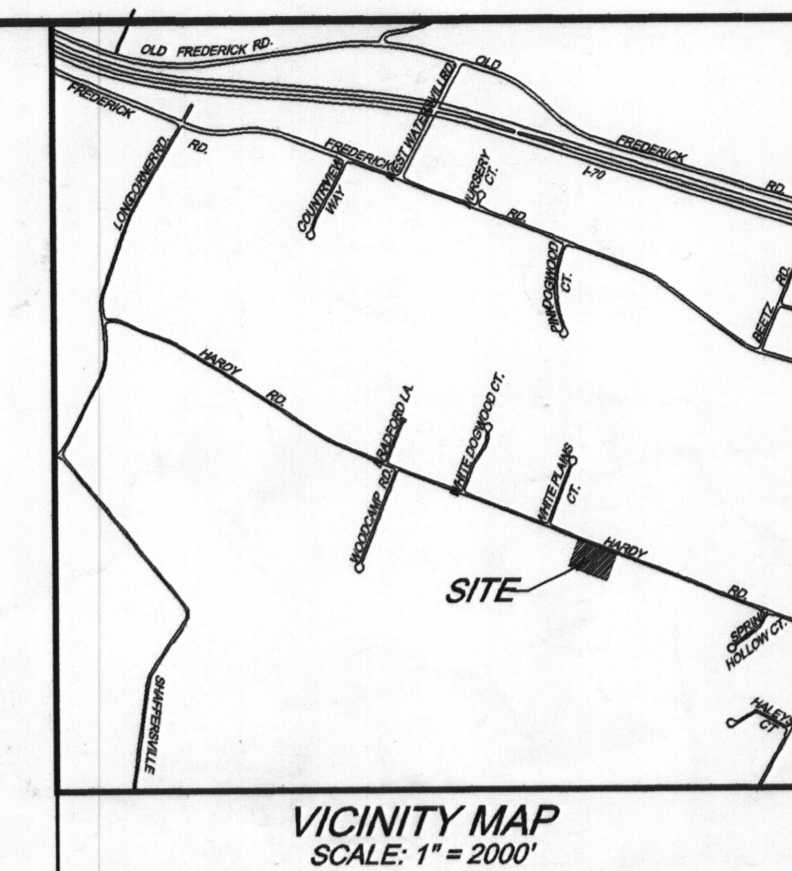
1237

525°39'17"W 617.14'

SHEET

321.94'

SOILS LEGEND					
SYMBOL	NAME/DESCRIPTION	SOIL GROUP	K-VALUE	K-VALUE	HYDRO GROUP
GgA	Clayey loam, 0 to 3 percent slopes	B	0.20	+	NOT HYDRO
GgB	Clayey loam, 3 to 8 percent slopes	B	0.20	-	NOT HYDRO



**GENERAL NOTES**

- OWNERS: WILLIS LAMBERT CUSSEL, JR. MARJORIE S. CUSSEL, ETAL c/o CURTIS CUMBERLAND CUMBERLAND DEVELOPMENT CORP. 1631 MILLIKEN RD. WOODBINE, MD. 21787  
DEED REFERENCE: LIBER 890, FOLIO 875  
DATE: JUNE 19, 1978  
GRANTOR: A. ROBY HARDY & RAYMOND E. HARDY
- TAX MAP 007, GRID 08, PARCEL 528
- THE BOUNDARY SHOWN HEREON IS BASED UPON RECORDED PLAT OF "SPRING HOLLOW" PLAT M.R.D. # 13773
- SOILS BASED UPON NRCS - SOIL WEB MAPS
- WATER SERVICE IS PRIVATE, SEWER SERVICE IS PRIVATE
- THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #
- TOPOGRAPHY SHOWN HEREON IS FIELD RUN BASED UPON HOWARD COUNTY GIS DATA NAVD83, CONTOUR INTERVAL = 2 FT. FIELD VERIFIED BY CRC & ASSOC.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FT. OF THE SUBJECT PROPERTY UNLESS OTHERWISE SHOWN HEREON.
- EXISTING WELLS HO-85-2380, HO-85-2382, HO-85-2381, HO-85-2380, HO-0198, HO-85-1924 AND THE WELL WITH NO TAG ON ADJOINING PROPERTY 17270 HARDY RD. SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN ACCURATELY.
- SUBJECT PROPERTY IS ZONED RC-DEO

**HEALTH DEPARTMENT NOTES**

- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND AREA REQUIRED BY THE HEALTH AND DEPARTMENT OF THE ENVIRONMENT.
- THE AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ-FT. AS REQUIRED BY THE MARYLAND 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 AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENTS.
- EXISTING WELLS HO-85-2380, HO-85-2382, HO-85-2381, HO-85-2380, HO-0198, HO-85-1924 AND THE WELL WITH NO TAG ON ADJOINING PROPERTY 17270 HARDY RD. SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN ACCURATELY.
- THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 1000' OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.  
⊕ DENOTES "PASSED" PERCOLATION TEST
- THE NEAREST WATER INTAKE STRUCTURE IS FOUR MILES AWAY.
- Additional perc hole must be dug for evaluation at the time of installation (septic). Perc hole will be #5 in the center of easement for lots #27, 28 & 29.

**LEGEND**

- WELL LOCATION
- ALTERNATE WELL LOCATION
- PROPOSED SEPTIC LOCATION
- EXISTING SEPTIC LOCATION
- EX. PROPERTY LINE
- EX. RIGHT-OF-WAY
- PROP. LOT LINES
- EX. EASEMENTS
- EX. CONTOURS
- EX. TREEWOODS LINE
- SOILS LINE
- LIMIT OF DISTURBANCE
- DENOTES SLOPES 25% OR GREATER
- DENOTES SLOPES 15% - 25%

PERC RECERTIFICATION PLAN  
LOTS 27, 28 & 29  
"SPRING HOLLOW"  
SINGLE FAMILY DETACHED  
PLAT M.R.D. # 13773  
ZONED RC-DEO

FOURTH ELECTION DISTRICT TAX MAP #07, GRID 08, PARCEL 528  
HOWARD COUNTY, MARYLAND

Prepared by:  
**CHARLES R. CROCKEN AND ASSOCIATES, INC.**  
902 LEE AVE.  
SYKESVILLE, MARYLAND 21157  
Tel. (410) 549-2708  
Fax. (410) 549-9063

SCALE: 1" = 30'      DATE: 06/18/13      SHEET 1 OF 1

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

*Charles R. Crocken* 7-1-13 DATE  
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803

**PROFESSIONAL CERTIFICATION**  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 7803 EXPIRATION DATE 4-22-2015

**PERCOLATION CERTIFICATION**  
I HEREBY CERTIFY THAT THE PERCOLATION TEST LOCATIONS SHOWN HEREON ARE TO THE BEST OF MY KNOWLEDGE ARE CORRECT AS SHOWN.

*Charles R. Crocken* 7-1-13 DATE  
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 (EXPIRATION DATE 4-22-2015)

