

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ AP 528928

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) Malcolm W. & Daisy W. Ewell

DAYTIME PHONE 410-442-1091 CELL N/A FAX \_\_\_\_\_

MAILING ADDRESS 1251 Underwood Rd Sykesville Md 21784  
STREET CITY/TOWN STATE ZIP

APPLICANT Malcolm W. Ewell

DAYTIME PHONE 410-442-1091 CELL N/A FAX \_\_\_\_\_

MAILING ADDRESS 1251 Underwood Road Sykesville MD 21784  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Ewell Property LOT NO. 3

PROPERTY ADDRESS 1251 Underwood Rd Sykesville Md  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 9 GRID 8 PARCEL(S) 74 PROPOSED LOT SIZE 3.5650 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. Malcolm W. Ewell  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

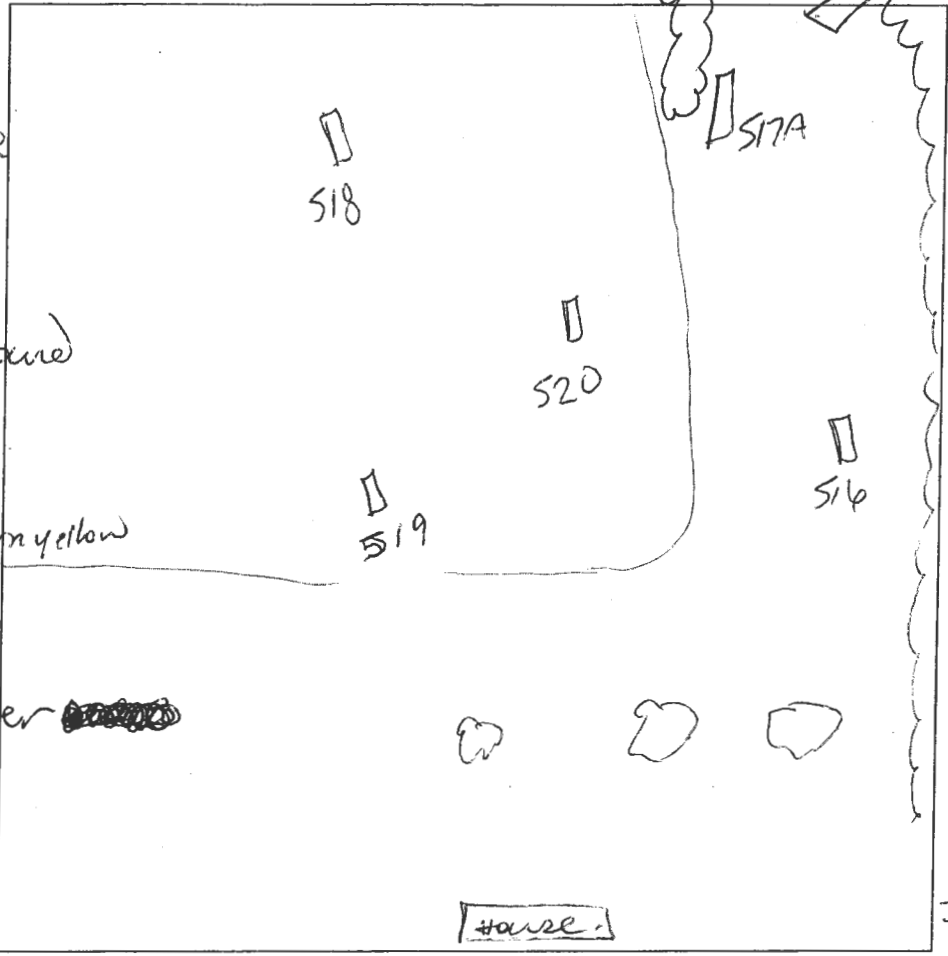
**517**  
 11" dark brn & sbk w/ fine  
 2' brn f sck sbk  
 4' st. brn heavy med. s& cw dense in ground  
 4' brn med. s& micaceous  
 brn, pale red, brn yellow med s& sg micaceous Mn saprolite

8 1/2" repage  
 ca. in 9 1/2" water

**517A**  
 1' dark brn & sbk w/ fine?  
 2' brn f sck sbk 5% chert  
 3' 2" brn heavy s& dense in ground micaceous  
 3' 7" brn med. s& micaceous

2' 8" dark brn, pale brn, med. s& cw micaceous Mn saprolite. Mn 10% chert  
 3' 8" repage

**520**  
 1' brn & sbk  
 1' brn sck sbk cw  
 2' 1/2" st. brn f sck sbk cw dense micaceous 5% chert  
 5' st. brn f sck sg micaceous saprolite Mn  
 ca. in no repage



**518**  
 8" dark brn & sbk  
 2' 1/2" brn sck sbk cw  
 3' st. brn wk sck sbk 5-10% chert  
 3' st. brn dense sck m  
 5' st. brn fine sil  
 ↓  
 st. brn med s& Mn saprolite  
 12' water

**516**  
 8" dark brn & sbk  
 1' brn fine sck sbk  
 1' st. brn fine sck sbk dense cw micaceous 10% chert  
 3' 5" st. brn fine s& sg micaceous cw dense  
 5' brn fine s& sg micaceous

water ↓  
 brn, pale red Mn fine s& saprolite

12' water  
 d(w) mottled brn yellow/gray

**519**  
 10" dark brn & sbk  
 2' 1/2" brn sck sbk cw  
 5' brn/st. brn trace rock med s& sg micaceous dense cw  
 5' brn, pale red, pale brn med s& sg micaceous saprolite

h<sub>2</sub>O @ bottom 13 1/2'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/27/08	518	5 1/2 / 13'	8:56	9:07	9:33	26	P
	520	6 1/2 / 14'	9:17	9:23	9:34	11	P
	519	6' / 13 1/2'	9:37	9:42	9:56	14	P
	516	6' / 12' 7"	9:47	9:58	10:23	25	P
	517	5 1/2 / 13'	10:05	10:55	Not to 2"		F
	517A	4' 7" / 12' 7"	10:45	10:50	10:59	9	P
	#519 EAC	5'					
	#516 EAC	5'					

REMARKS: #517A EAC 3' 7" #518 EAC 5' #520 EAC 5'

SANITARIAN SS BACKHOE level land OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 17 SQ. FT/BR 0.6

TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 6 EFFECTIVE S/M 5'

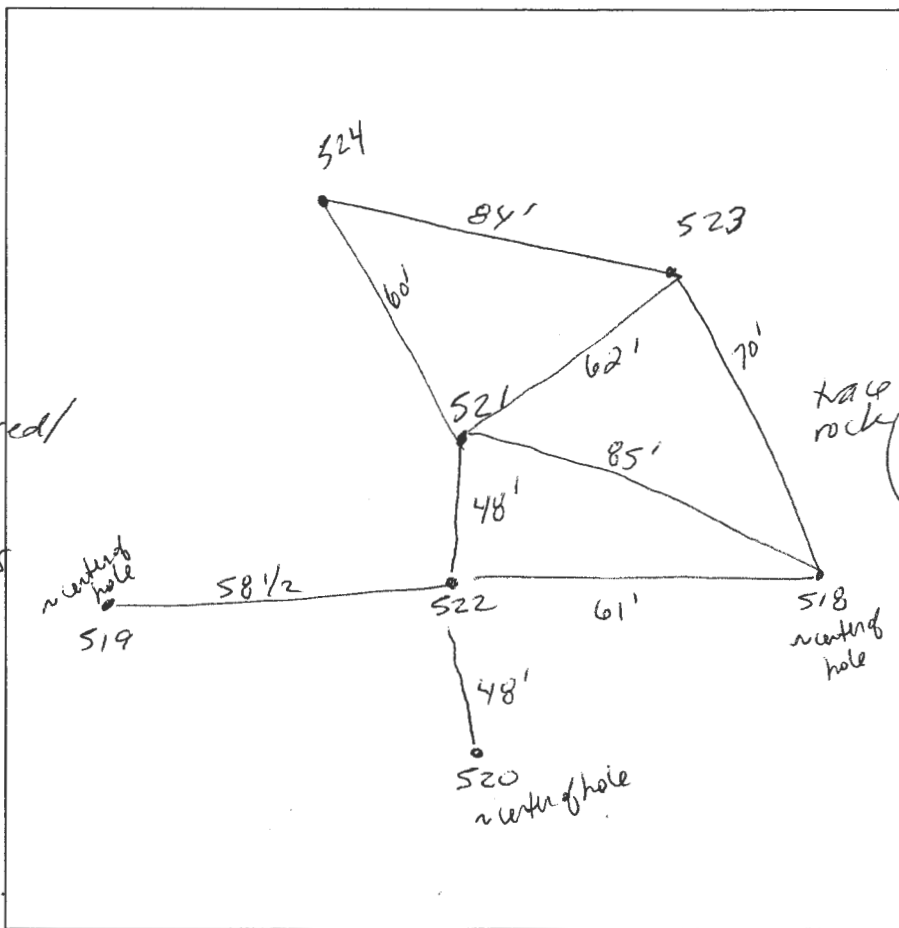
Do not extend SDA below #517A

except #517A #517A both 4' 7" 3' 7" A  
 wet reaper '08  
 4' buffer to water

A# 528928

522

AVP \_\_\_\_\_



524  
 dk brn sl  
 29" st. brn dense scl. micaceous  
 4 1/2' red brn. se heavy micaceous  
 med 7' st. brn/pale red/yellow brn. med. se sg micaceous w/ln striations saprolite  
 13'

dk brn sl  
 29" st. brn sil dense micaceous  
 1' 5% gravelly  
 2 1/4' fine red brn sil micaceous  
 3' st. brn med se micaceous sg  
 4 1/2' pale red/st brn yellow brn w/ln striations saprolite med. se sg.  
 13'

521  
 dk brn sl slab  
 8" brn sil dense micaceous  
 1' 5% gravelly  
 1 1/2" yellowish brn sil slab 5% gravelly  
 2' red brn scl slab micaceous  
 3' st. brn med. se micaceous sg  
 48" pale red/st brn yellow brn w/ln striations micaceous med. se sg. saprolite  
 trace rock. 13'

Blank log entry for hole 522.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/6/08	521	13'	Auger	test hole			
	522	13'	Auger				
	523	13'	Auger				
	524	13'	Auger				

523  
 dk brn sl  
 29" brn dense sil micaceous 5% gravel  
 1 1/2" st. brn sil micaceous  
 2 3/4' red brn fine scl micaceous  
 4' st. brn med se sg micaceous  
 7' yellow brn/light brn med se sg. brn! saprolite  
 13' micaceous

REMARKS # 524 EAC 7' = Holes consistent

SANITARIAN SS BACKHOE — OTHERS Mr. Ewell

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

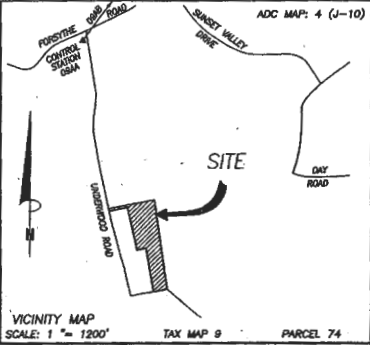
TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

FOREST EASEMENT #1 LINE TABLE			FOREST EASEMENT #2 LINE TABLE			FOREST EASEMENT #3 LINE TABLE		
LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
122	N79°28'14"E	128.01'	L18	N77°02'24"E	36.30'	L11	S31°19'41"E	328.80'
123	S70°03'23"E	328.80'	L17	S71°17'24"E	35.62'	L10	N69°04'29"E	36.80'
124	S73°12'59"W	4.91'	L19	N68°18'21"E	32.13'	L13	N15°11'07"W	363.42'
125	S69°36'42"E	52.54'	L10	S10°08'26"E	33.00'	L12	N77°23'17"E	35.01'
126	S17°22'55"W	17.64'	L11	S72°18'25"W	31.54'			
127	S34°36'35"W	27.58'	L12	S71°18'35"E	28.89'			
128	N77°10'33"W	14.00'	L13	S17°05'17"W	48.24'			
129	N52°25'13"E	65.71'	L14	S72°02'12"E	64.64'			
130	N52°33'53"E	21.88'	L15	S69°01'12"E	40.45'			
131	N10°12'50"W	16.60'	L16	N77°04'18"E	19.80'			
132	N10°31'04"E	22.74'	L17	S67°52'14"E	64.90'			
133	N52°25'32"E	46.54'	L18	S13°23'20"E	36.50'			
134	N77°01'10"W	23.80'	L19	S07°28'53"E	27.52'			
135	N66°56'47"E	58.61'	L20	S67°18'21"W	138.24'			
136	N13°30'48"W	50.70'	L21	N10°04'52"W	84.59'			
137	N62°17'12"E	35.80'						
138	N10°10'25"E	25.71'						
139	N30°11'49"W	63.43'						
140	N17°30'19"W	32.42'						
141	N77°03'14"E	25.20'						
142	N17°03'52"W	28.00'						

MINIMUM LOT SIZE CHART		
LOT NO.	GROSS AREA	PIPESTEM AREA
4	3.8650 Ac.±	0.1042 Ac.±
		3.7608 Ac.±

CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	WANGENT	CHORD BRG.
C1	328.22	184.89	284°44'58"	84.12	S 84°12'23" W
					162.87

COORDINATES		
PT. #	NORTH	EAST
50	6082681.8025	1316481.7177
127	6080005.8156	1316183.2506
401	607962.2807	1316626.8781
513	607432.2631	1316097.3036
511	607416.7328	1317009.2620
513	608543.6809	1316300.8637
514	608606.9175	1316480.8187
515	608688.6211	1316889.0681
1089	608557.8448	1316265.2700



**GENERAL NOTES (continued)**

24. Maryland Department of the Environment approved a variance to allow on-site sewage disposal areas for lots 3 and 4 to be up gradient of the existing septic system for lot 4. The variance is subject to the following conditions:

25. The existing septic system for lot 4 must be advanced pre-treatment due to the hazardous position of the sewage area and neighboring wells. The system must be installed prior to final plat and must be approved by the Howard County Health Department. The system must be installed prior to release of the septic system installation permit. Pre-treatment systems must utilize best available technology and perform average treatment.

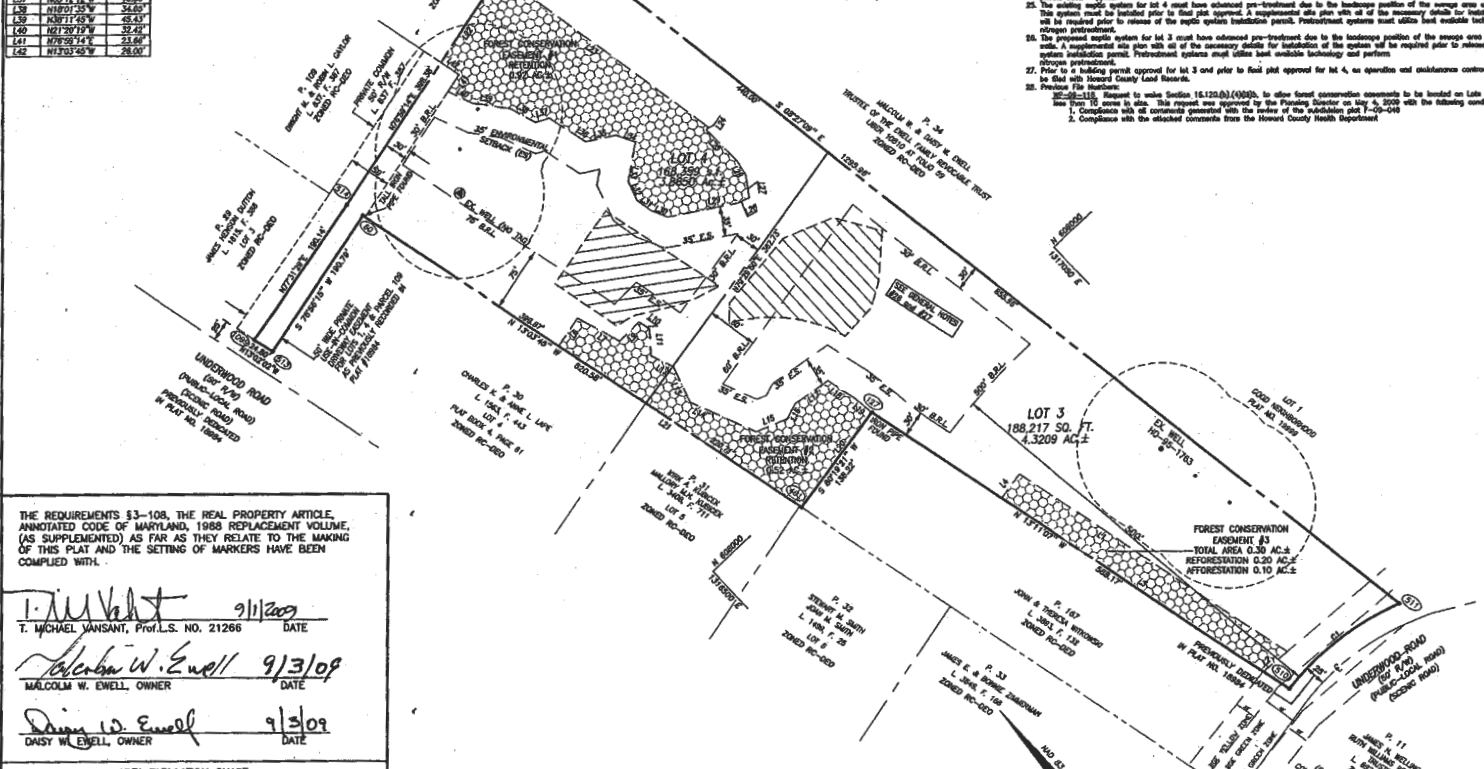
26. The existing septic system for lot 3 must be advanced pre-treatment due to the hazardous position of the sewage area and neighboring wells. A replacement system with all of the necessary details for installation of the system will be required prior to release of the septic system installation permit. Pre-treatment systems must utilize best available technology and perform average treatment.

27. Prior to a building permit approval for lot 3 and prior to final plat approval for lot 4, an operation and maintenance contract agreement must be filed with Howard County Health Dept.

28. Section 15.111. Request to waive Section 15.111(b)(1)(iii) of the Howard County Code, to allow forest conservation easements to be located on Lots 3 and 4 with an area to site. This request is approved by the Planning Director on May 4, 2009 with the following conditions:

1. Compliance with all conditions contained with the letter of the subdivision plat F-09-046.

2. Compliance with the attached conditions from the Howard County Health Department.



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.

*T. Michael Vansant* 9/11/09  
T. MICHAEL VANSANT, Prof. L.S. No. 21266 DATE

*Malcolm W. Ewell* 9/3/09  
MALCOLM W. EWELL, OWNER DATE

*Daisy W. Ewell* 9/3/09  
DAISY W. EWELL, OWNER DATE

AREA TABULATION CHART	
a. Total number of lots and/or parcels to be recorded	3
- Buildable	0
- Non-Buildable	0
- Open Space	0
- Preservation Parcels	0
b. Total area of lots and/or parcels	6.1859 Ac.±
- Buildable	0
- Non-Buildable	0
- Open Space	0
- Preservation Parcels	0
c. Total area of roadway to be recorded including widening strips	9.9000
d. Total area of subdivision to be recorded	6.1859 Ac.±

**OWNERS**

MALCOLM W. EWELL  
DAISY W. EWELL  
1251 UNDERWOOD ROAD  
STYKESVILLE MD. 21784  
Ph. 410-442-1091

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

*Allen Danner* 10/6/09  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*Keith Stedman* 9/13/09  
DIRECTOR DATE

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

*B. Wilson for Peter Brillemson* 9/23/09  
HOWARD COUNTY HEALTH OFFICER DATE

**OWNER'S CERTIFICATE**

WE, MALCOLM W. EWELL AND DAISY W. EWELL, TRUSTEES OF THE EWELL FAMILY REVOCABLE TRUST DATED APRIL 17, 2002, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADMIT 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 UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS: (1) 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; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLANS 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 FLOODPLANS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDINGS OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAYS.

WITNESS MY/OUR HANDS THIS 3 DAY OF September, 2009.

*Malcolm W. Ewell*  
MALCOLM W. EWELL, OWNER

*Daisy W. Ewell*  
DAISY W. EWELL, OWNER

*Allen Danner*  
WITNESS

*Keith Stedman*  
WITNESS

**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 MALCOLM W. EWELL AND DAISY W. EWELL, TO MALCOLM W. EWELL AND DAISY W. EWELL, TRUSTEES OF THE EWELL FAMILY REVOCABLE TRUST DATED APRIL 17, 2002, BY DEED DATED APRIL 17, 2002 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 6132 FOLIO 197; 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.

*T. Michael Vansant* 9/23/09  
T. MICHAEL VANSANT, PROF. L.S. No. 21266 DATE

THE PURPOSE OF THIS MINOR SUBDIVISION PLAN IS THE RESUBDIVISION OF LOT 2, EWELL PROPERTY, INTO LOTS 3 AND 4.

RECORDED AS PLAT NO. 20812 ON 10/16/09 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

**MINOR SUBDIVISION PLAT**  
LOTS 3 & 4  
**EWELL PROPERTY**  
(A RESUBDIVISION OF LOT 2, AS RECORDED IN PLAT #18984)

TAX MAP: 9 ELECTION DISTRICT: No. 3 SCALE: 1"=100'  
GRID NO.: 8 HOWARD COUNTY, MARYLAND DATE: AUGUST, 2009  
PARCEL NO: P/D 74 EX. ZONING: RCDED SHEET 1 OF 1

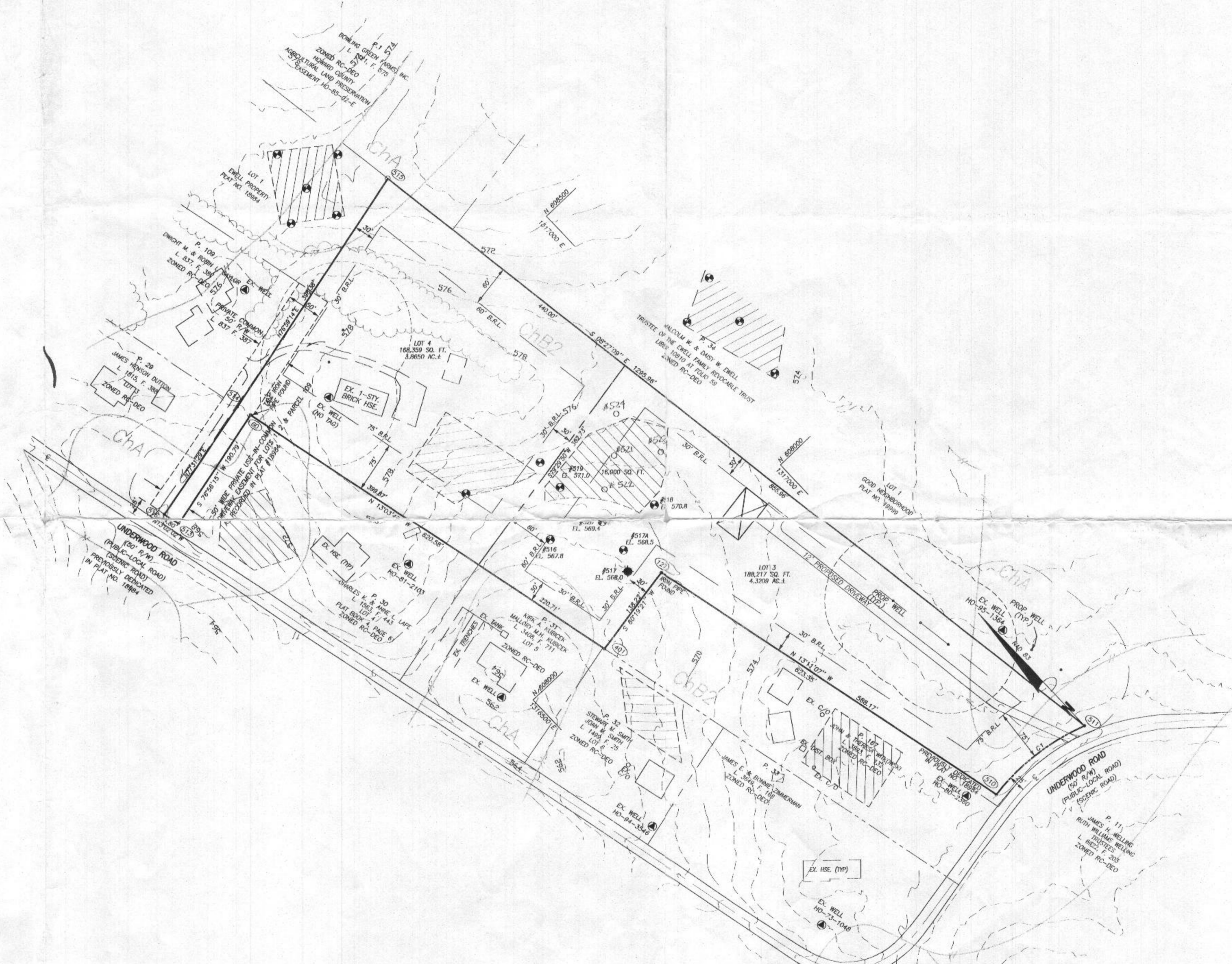
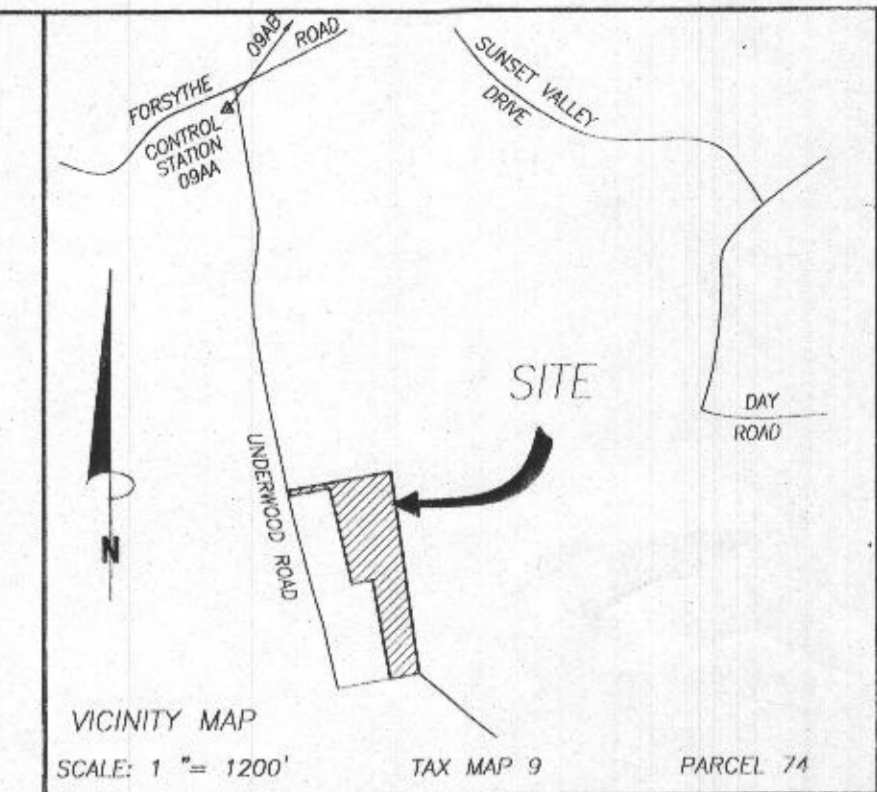
**VANMAR ASSOCIATES, INC.**  
Engineers Surveyors Planners  
310 South Main Street P.O. Box 528  
Stevensville, Maryland 21784  
(301) 828-2890 (301) 851-5105 (410) 548-2751

County File # F-09-046

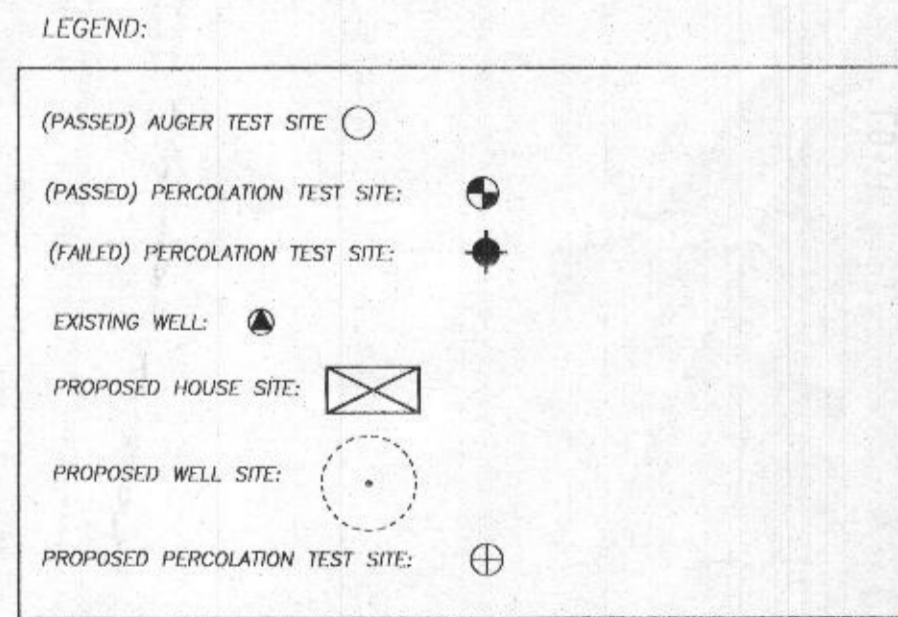
MINIMUM LOT SIZE CHART			
LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
4	3.8650 Ac.±	0.1042 Ac.±	3.7608 Ac.±

CURVE TABLE						
CURVE	RADIUS	LENGTH	DELTA	TANGENT	CHORD BRG.	CHORD DIST.
C1	328.22	164.69	28°44'56"	84.12	S 84°19'23" E	162.97

COORDINATES		
PT. #	NORTH	EAST
60	608586.8025	1316486.7177
127	609005.5156	1316763.2306
401	607982.2807	1316626.9781
510	607432.8531	1316897.3936
511	607416.7326	1317059.5620
513	608543.6809	1316300.8637
514	608608.9175	1316480.9187
515	608698.6211	1316869.0691
516	608567.8448	1316295.2700



- GENERAL NOTES:
- OWNERS: MALCOLM W. EWELL, TRUSTEE  
DAISY W. EWELL, TRUSTEE  
DEED REFERENCE: LIBER 10810 FOLIO 59  
DATE: MARCH 23, 2007  
GRANTORS: MALCOLM W. EWELL,  
DAISY W. EWELL
  - TAX MAP: 9 GRID: 8 PARCEL: P/D 74
  - NEAREST POTABLE WATER SUPPLY: SYKESVILLE  
DISTANCE: 2 MILES ±
  - THERE IS NO FLOOD HAZARD (100 YEAR FLOOD PLAIN)  
LOCATED ON THIS PROPERTY ACCORDING TO FEMA  
FLOOD INSURANCE RATE MAP, COMMUNITY PANEL  
# 240044 0008 B, REVISED DECEMBER 4, 1986
  - TOPOGRAPHY: HOWARD COUNTY DATUM  
CONTOUR INTERVALS ARE AT 2 FEET.
  - THERE ARE NO WELLS OR SEPTIC SYSTEMS  
WITHIN 100' OF THE PROPERTY BOUNDARY  
UNLESS OTHERWISE SHOWN HEREON.
  - THE EXISTING WELL(S) SHOWN ON THIS PLAN  
HO-80-2380, HO-73-2360, HO-94-3546  
HO-81-2103, WELLS WITH (NO TAG)  
HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC.  
PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
  - SOIL TYPES: (E8, CMA, CH2, )  
HOWARD COUNTY SOILS MAP No. 3.
  - ZONING DISTRICT: RCODE
  - ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF THE FINAL  
PLAN FOR SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO  
SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAN  
SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY"  
IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT  
SIGNATURE OF THE RECORDED PLAN.
  - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM  
OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE  
MARYLAND DEPARTMENT OF THE ENVIRONMENT.
  - TOPOGRAPHY FIELD VERIFIED BY VANMAR ASSOCIATES INC. DATED 11/17/05
  - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT  
OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY  
MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL  
INDIVIDUAL SEWAGE DISPOSAL.  
IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS  
EASEMENT SHALL BECOME NULL AND VOID UPON CONSTRUCTION TO PUBLIC  
AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT  
RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
  - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED  
PERC CERTIFICATION PLAN.
  - THE MAXIMUM NUMBER OF BEDROOMS FOR LOT 3 = 5
  - MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED A VARIANCE TO ALLOW  
ON-SITE SEWAGE DISPOSAL AREAS FOR LOTS 3 & 4 TO BE UP GRADIENT OF  
PRIVATE WATER SUPPLIES.
  - THE EXISTING SEPTIC SYSTEM FOR LOT 4 MUST HAVE ADVANCED PRE-TREATMENT DUE  
TO THE LANDSCAPE POSITION OF THE SEWAGE AREA AND NEIGHBORING WELLS. THIS  
SYSTEM MUST BE INSTALLED PRIOR TO FINAL PLAN APPROVAL. A SUPPLEMENTAL SITE PLAN  
WITH ALL OF THE NECESSARY DETAILS FOR INSTALLATION OF THE SYSTEM WILL BE  
REQUIRED PRIOR TO RELEASE OF THE SEPTIC SYSTEM INSTALLATION PERMIT. *Pre-treatment  
system must be installed prior to final plan approval. A supplemental site plan  
with all of the necessary details for installation of the system will be required prior to release of the septic system installation permit.*
  - THE EXISTING SEPTIC SYSTEM FOR LOT 3 MUST HAVE ADVANCED PRE-TREATMENT DUE TO  
THE LANDSCAPE POSITION OF THE SEWAGE AREA AND NEIGHBORING WELLS. A SUPPLEMENTAL  
SITE PLAN WITH ALL OF THE NECESSARY DETAILS FOR INSTALLATION OF THE SYSTEM WILL  
BE REQUIRED PRIOR TO RELEASE OF THE SEPTIC SYSTEM INSTALLATION PERMIT. *Pre-treatment  
system must be installed prior to final plan approval. A supplemental site plan  
with all of the necessary details for installation of the system will be required prior to release of the septic system installation permit.*
  - PRIOR TO A BUILDING PERMIT APPROVAL FOR LOT 3 AND PRIOR TO FINAL PLAN  
APPROVAL FOR LOT 4, AN OPERATION AND MAINTENANCE CONTRACT AGREEMENT MUST BE  
FILED WITH HOWARD COUNTY LAND RECORDS.



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

*Peter Bielewicz* 11/5/2008  
DATE 11/5/08

OWNERS:  
MALCOLM W. EWELL  
DAISY W. EWELL  
1251 UNDERWOOD ROAD  
SYKESVILLE, MD. 21784  
(410) 442-1091

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS  
BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY  
DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

*T. Michael Vansant* 10/16/2008  
T. MICHAEL VANSANT, PROF. L. S., MD. REG. # 21266 DATE

DATE	REVISIONS
07/14/08	PER H.D. COMMENTS
08/07/08	PER H.D. COMMENTS
10/11/08	PER H.D. COMMENTS
10/16/08	Revised per H.D.



PERCOLATION CERTIFICATION PLAN (A528928)  
LOTS 3 AND 4  
**EWELL PROPERTY**  
(PREVIOUSLY RECORDED AS PLAT #18984)

SITUATED ON UNDERWOOD ROAD  
ELECTION DISTRICT No. 3  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 100' APRIL, 2008

**VANMAR ASSOCIATES, INC.**  
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