

# APPLICATION

PERCOLATION TESTING

A 510195

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 MCGUADE LOUIS

ADDRESS 970 DAY RD. SYKESVILLE MD 21784 PHONE (410) 730-1074

AGENT OR PROSPECTIVE BUYER NORTH RIDGE DEVELOPMENT

ADDRESS 14045 GARED DRIVE, GLENWOOD MD 21738 PHONE (410) 730-1074

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. 3

ROAD AND DESCRIPTION DAY RD, 1500' WEST OF RT 32, NORTH SIDE OF DAY ROAD.

TAX MAP 9 PARCEL # 175

SIZE OF LOT 48,621 S.F. ± TYPE BLDG. SDF  
(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.

Cindy Del Zoppo  
(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

510195

COUNTY #

SOIL PROFILE

108

0' topsoil  
 1' orange clay loam  
 4' orange brown sandy clay loam  
 50% rock  
 ↓

112

0' Topsoil  
 1/2' Topsoil  
 5' Orange Clay Loam  
 Light Brown Silty Loam  
 5% rock

109

0' Topsoil  
 1' Orange Clay Loam  
 3' Light Tan Sandy Loam  
 3' Light Tan Sandy Loam  
 8' 40% rock

SOIL PROFILE

206

0' Topsoil  
 1' Orange Clay Loam  
 3' Light Tan Sandy Loam  
 10% rock

207

0' Topsoil  
 1' Orange Clay Loam  
 3' greater than 50% Light Tan Sand Loam


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7.6.98	108	3.5'S	11:40 <sub>10</sub>	11:48	11:48	11:59 <sub>09</sub>	11min	
		11.0'D	visual ok - see profile					
7.6.98	112	4.5'S	2:32	2:55	2:55	3:16	21min	
		11.0'D	visual ok - see profile					
7.6.98	109	3.0'S	12:19 <sub>33</sub>	12:20 <sub>37</sub>	12:20 <sub>27</sub>	12:22 <sub>20</sub>	2min	
		8'D	visual ok - see profile					
7.6.98	206	3.5'	12:23 <sub>54</sub>	12:27 <sub>34</sub>	12:27 <sub>34</sub>	12:34 <sub>17</sub>		
		11.5'	visual ok - see profile					
7.6.98	207	7.0'D	FAILED DUE TO ROCK F					
		7.0'						

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Kim Maiste/Hank Oswald ALSO PRESENT Chuck Zapp  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 510195F

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 McQuade Louis

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 3A

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 9 PARCEL # 175

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. Cindy Delzoppo  
(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 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

202  
 3.0'  
 orange  
 cl lm  
 tan/br  
 sclm  
 10-15%  
 rock  
 frags  
 11.5'

208  
 Same  
 as  
 test  
 hole  
 # 214

214  
 3 1/2'  
 orange  
 cl lm  
 pink  
 sclm  
 ↓  
 11.5'

220  
 3'  
 orange  
 cl lm  
 tan/pink  
 sclm  
 15%  
 rock  
 frags  
 11'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7.6.98	202	3.0'S	10:28 <sub>30</sub>	10:29 <sub>30</sub>	10:29 <sub>30</sub>	10:32	230
7.7.98		11.5'D	visual	ok-see	profile		
	208	3.0'S	1:40	1:55	1:55	2:25	30min
		11.5'D	visual	ok at	3.5' = see	profile	
	214	3.0'S	12:51 <sub>30</sub>	12:52 <sub>30</sub>	12:52 <sub>30</sub>	12:54 <sub>30</sub>	2min
		11.5'D	visual	ok-see	profile		
7.7.98	220	3.0'S	11:41 <sub>20</sub>	11:42 <sub>20</sub>	11:42 <sub>20</sub>	11:44 <sub>20</sub>	2min
		11.0'D	visual	ok-see	profile		

REMARKS

TESTED BY Kim Maiste / Hank Oswald

ALSO PRESENT Chuck Zepp

ASIC

# APPLICATION

PERCOLATION TESTING

A 5101956

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 McQuade Louis

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. Pres Parcel AA

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 9 PARCEL # 175

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. Cindy DelZoppo  
(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 OF APPLICANT)

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

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

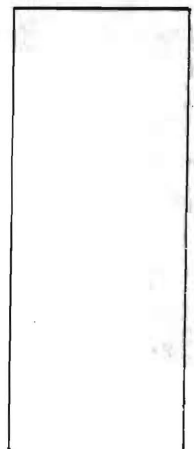
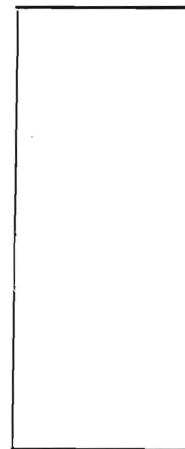
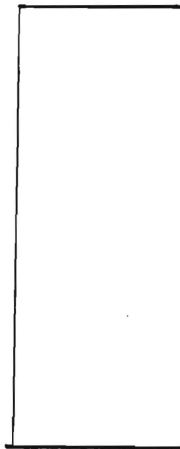
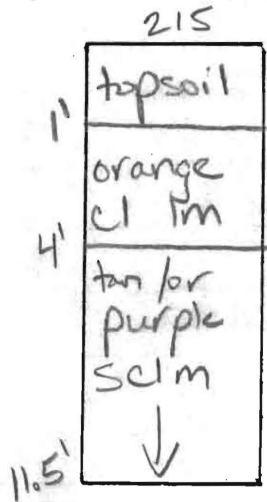
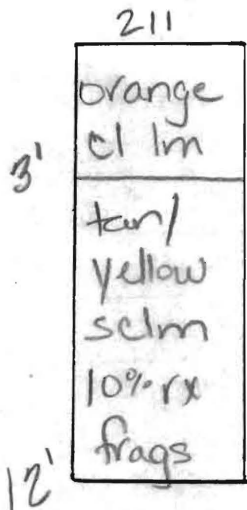
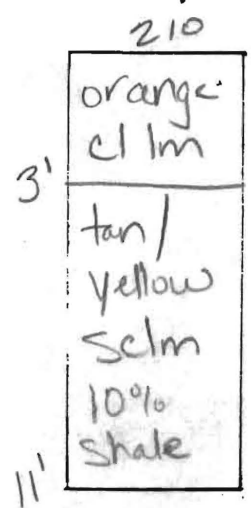
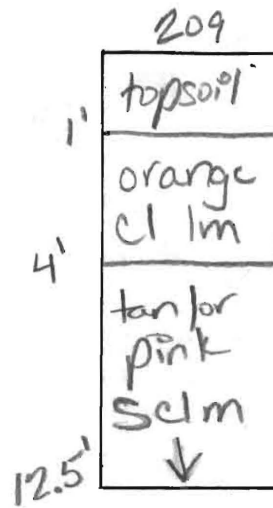
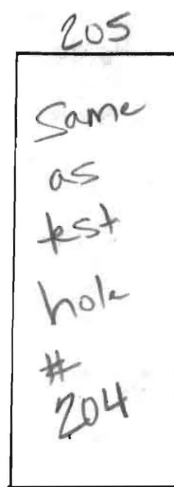
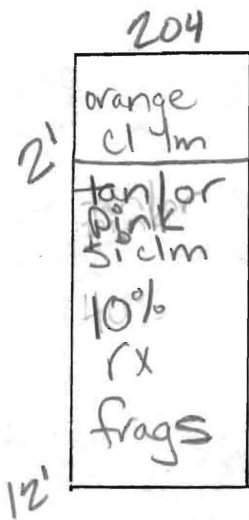
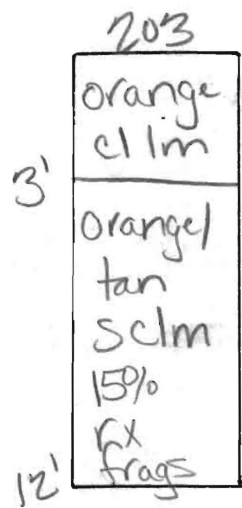
HOLD PENDING FURTHER TESTS \_\_\_\_\_

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



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7.7.98	203	3.0'S	10:34	10:36	10:36	10:39	3min
		12.0'D	visual ok - see profile				
	204	2.5'S	10:4340	10:4440	10:4440	10:4640	2min
		12.0'D	visual ok - see profile				
	205	3.0'S	10:5130	10:5230	10:5230	10:54	130
		11.5'D	visual ok - see profile				
7.6.98	209	12.5'D	visual only - ok see profile				
			(deep clay in test hole)				
	210	3.5'S	1:1910	1:23	1:23	1:25	2min
		11.0'D	visual ok - see profile				
	211	4.0'S	1:1120	1:1250	1:1250	1:1450	2min
		12.0'D	visual ok - see profile				
	215	3.0'S	12:57	12:5830	12:5830	1:00	130
		11.0'D	visual ok - see profile				

REMARKS

TESTED BY Kim Maite/Hank Oswald

ALSO PRESENT

Chuck Zopp

A 510195

# APPLICATION

PERCOLATION TESTING

A 510195B

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 McQuade Louis

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 1

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 9 PARCEL # 175

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. Cindy Del Zoppo  
(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 OF APPLICANT)

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

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

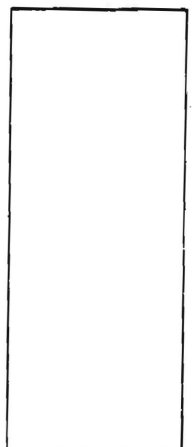
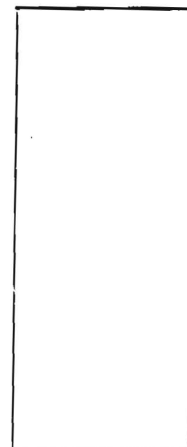
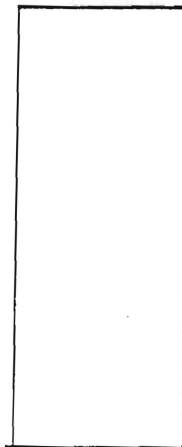
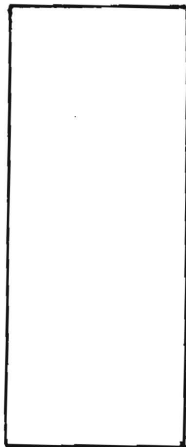
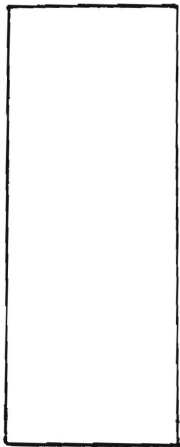
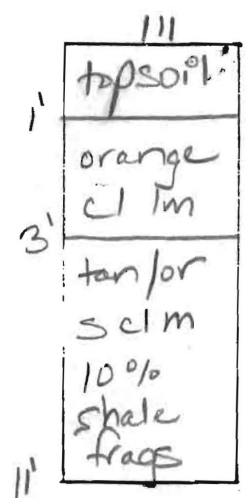
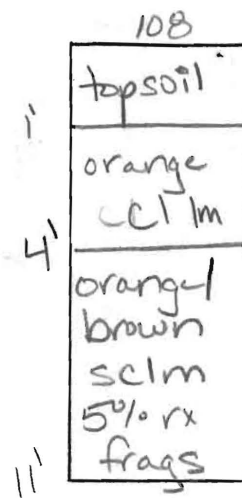
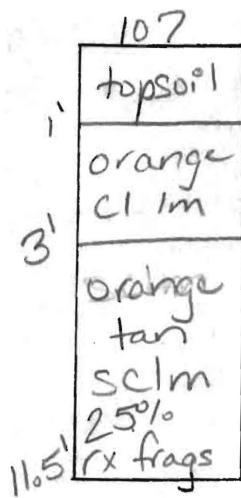
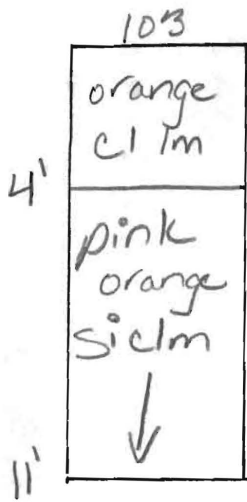
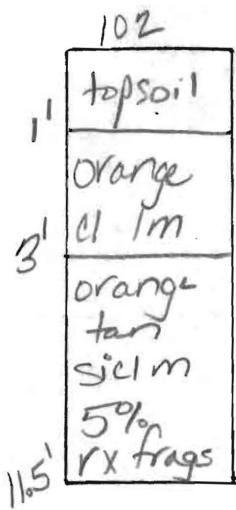
HOLD PENDING FURTHER TESTS \_\_\_\_\_

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

FINAL DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7.6.98	102	3.0'S	3:0852	3:1135	3:1135	3:1930	8min
		11.5'D	visual	ok-see	profile		
	103	11.0'D	visual	only - ok	see profile		
	107	3.5'S	11:0830	11:11	11:11	11:13	2min
		11.5'D	visual	ok-see	profile		
	108	3.5'S	11:4010	11:48	11:48	11:59	11min
		11.0'D	visual	ok-see	profile		
	111	3.5'S	11:1730	11:1840	11:1840	11:2040	2min
		11.0'D	visual	ok-see	profile		

REMARKS

TESTED BY Hank Oswald / Kim Maiste

ALSO PRESENT

Chuck Zepp A510195

# APPLICATION

PERCOLATION TESTING

A 510195

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 MCGUADE LOUIS

ADDRESS 970 DAY RD. SYKESVILLE MD 21784 PHONE (410) 730-1074

AGENT OR PROSPECTIVE BUYER NORTH RIDGE DEVELOPMENT

ADDRESS 14045 GARET DRIVE, GLENWOOD MD 21738 PHONE (410) 730-1074

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. Parcel A

ROAD AND DESCRIPTION DAY RD, 1500' WEST OF RT 32, NORTH SIDE OF DAY ROAD.

TAX MAP 9 PARCEL # 175

SIZE OF LOT 267,177 ± TYPE BLDG. N/A  
(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.

Candy Del Zoppo  
(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

510195

COUNTY #

SOIL PROFILE

100

0' Topsoil  
 1' Clay Loam (Brown Orange)  
 3' Silty Clay Loam (Light Tan)  
 13.5'

105

Same as test hole # 100, but more shale present

110

1' Topsoil  
 3' Clay Loam Orange  
 3' Silty Clay Loam tan/orange  
 12'


SOIL PROFILE

106

0' Topsoil  
 1' Topsoil  
 3' Orange Clay Loam  
 12.0' Silty Loam tan

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-6-98	100	3'		11.09		3.15	3.15
		13.5'					
7-6-98	105	3'		0.38		1.37	fast
		12'					
		(repair)		1.13		3.00	3.00
7-6-98	110	4'		1.55		4.30	4.30
		11.5'					
7-6-98	106	3.5'		1.05		2.58	2.58
		12.0'					
7-	101			10:42:50			

REMARKS \_\_\_\_\_

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

TESTED BY Jim Maise/Hank Oswald ALSO PRESENT Chuck Zapp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

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

6-10-98  
Preview OK  
No well sites proposed -  
grid testing pattern  
Find surrounding wells  
& septic  
Establish a 10,000 gal  
SBA for the existing house  
AU

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 McQUADE LOUIS

ADDRESS 970 DAY ROAD, SYKESVILLE, MD 21784 PHONE (410) 730-1074

AGENT OR PROSPECTIVE BUYER NORTH RIDGE DEVELOPMENT

ADDRESS 14045 GARED DRIVE, GLENWOOD MD 21738 PHONE (410) 730-1074

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. 153

ROAD AND DESCRIPTION DAY ROAD, 1500' WEST OF RT. 32, NORTH SIDE OF DAY RD.

TAX MAP 9 PARCEL # 150

SIZE OF LOT 53,455 SF. ± TYPE BLDG. SDF  
(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.

Cindy Del Zoppo  
(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

510195

COUNTY #

SOIL PROFILE

101

topsoil

orange clay loam

H. tan Sandy loam 10% rock frags

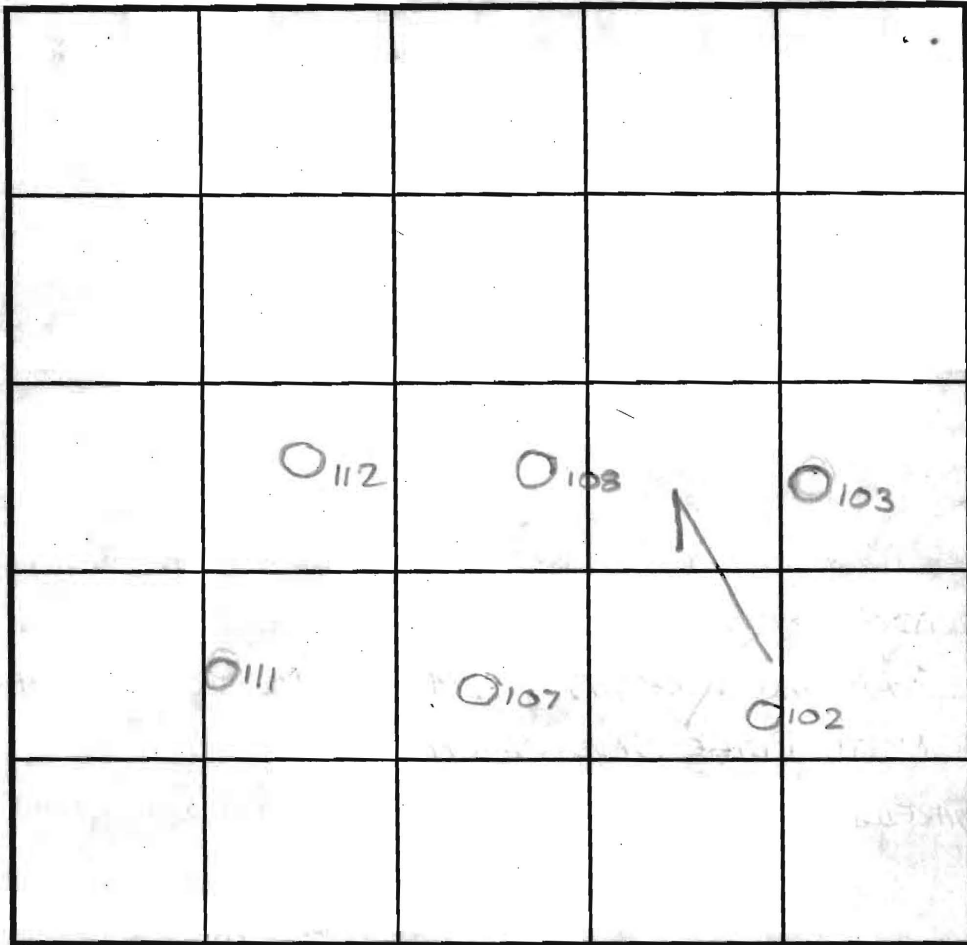
SOIL PROFILE

111

topsoil

orange clay loam

tan/orange Sandy clay loam 10% shale frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

11 3023

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7.6.98	101	3.5'S	10:4850	10:5330	10:5330	11:0130	8min
7.7.98		12.5'D	visual ok - see profile				
	102	3.0'S	3:0852	3:1135	3:1155	3:1930	8min
		11.5'D	visual ok - see profile				
	107	3.5'S	11:0830	11:11	11:11	11:13	2min
		11.5'D	visual ok - see profile				
	111	3.5'S	11:1730	11:1840	11:1840	11:2030	
		11.0'D	visual ok - see profile				
	103	11.0'D	visual only - ok see profile				
		11 (deep clay)					

REMARKS

TYPE OF SOIL

TESTED BY

Kim Maist / Hank Oswald

ALSO PRESENT

Chuck Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

0', 1', 4', 12.5', 3', 11.5', 1', 5', 11.3'

3.0', 11.0', 4.0', 11.0'

102 topsoil orange clay loam orange/tan Silty clay loam 5% rock frags 107 topsoil orange clay loam Sandy clay loam orange/tan 25% rock



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HOWARD COUNTY HEALTH DEPARTMENT

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Joyce M. Boyd, M.D., County Health Officer

July 7, 1998

Mildenburg, Boender, and Associates, Inc.  
5072 Dorsey Hall Drive, Suite 202  
Ellicott City, Maryland 21042

RE: Percolation Test Results  
Application # A510195  
Proposed Use: Subdivision  
Day Road  
Tax Map: 9 Parcels: 150 & 175

To whom it may concern:

Percolation testing was conducted on July 6 and 7, 1998 on the above referenced property. Copies of the percolation test results are enclosed.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing well and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100' of property boundaries have been shown.

This should be submitted within sixty (60) days to allow field verification if necessary. If you have any questions regarding this matter, please feel free to contact me at the address below or by calling (410) 313-2640.

Very truly yours,

*Kimberly Maiste*  
Kimberly Maiste, Sanitarian  
Water and Sewerage Program

:km  
Enclosures  
cc: Cindy Delzoppo  
Louis McQuade  
File



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HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

June 8, 1998

Mildenberg, Boender & Assoc., Inc.  
5072 Dorsey Hall Drive, Suite 202  
Ellicott City, Maryland 21042

RE: Percolation Test Date  
Application Number - A 510195  
Purpose: Subdivision  
Property ID: Day Road  
Tax Map: 9 Parcels: 150 & 175

To whom it may concern,

While the submitted percolation test plan is lacking information regarding proposed well sites and surrounding wells & septic systems, test dates have been reserved for 10:00 a.m., Monday & Tuesday, July 6 & 7, 1998. This information will be necessary for review of any subsequent plans. You will be responsible for having a contractor on-site to excavate test holes at the corners of proposed percolation area.

Please be advised that most of the proposed percolation testing is located in a soil classification (Elioak silt loam) that is designated as severely limiting for sewage disposal fields. The limiting factor is slow permeability. For this reason, if percolation testing is needed at deeper than normal depths, special precautions regarding trench safety may be required.

In the event of uncertain weather (i.e. precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. to determine whether percolation testing can be performed on the above reserved date. If it is not feasible to perform the test, a new test date will be assigned.

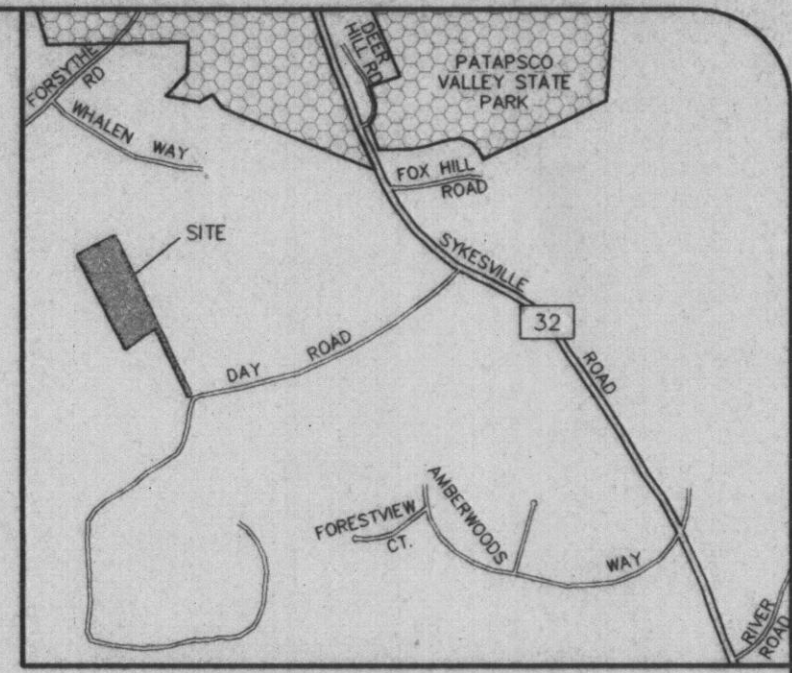
Please call this office between 8:00 a.m. and 5:00 p.m., Monday through Friday, to confirm your acceptance of this percolation test date.

Thank you for your cooperation in this matter.

Very truly yours,

*Amy Mc Millen*  
Amy Mc Millen, R.S.  
Water & Sewerage Program

am  
cc:file  
owner  
buyer



**GENERAL NOTES:**

1. SITE DATA:  
TAX MAP - 9 - PARCEL - 175 - BLOCK - 3  
AREA OF SITE - 10.49 ACRES.  
DEED REFERENCE - 1923/631.  
ZONED - RC-DEO.
2. TOPOGRAPHIC DATA BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHY.
3. BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
4. SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY DATED 1968.
5. NO FLOODPLAIN EXISTS ON SITE.
6. PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
7. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
8. TO THE BEST OF OUR KNOWLEDGE, ALL ADJACENT WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN SHOWN.
9. ALL PERC HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED.

**LEGEND**

- APPROXIMATE LOCATION OF EXISTING SEPTIC EASEMENT
- PROPOSED SEPTIC EASEMENT
- PROPOSED WELL
- EXISTING WELL
- DESIGNATES A PASSED PERC TEST HOLE
- DESIGNATES A FAILED PERC TEST HOLE

**SOILS LEGEND**

- ChB2 CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- EkA ELIOAK SILT LOAM, 0 TO 3 PERCENT SLOPES
- EkB2 ELIOAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- EkC2 ELIOAK SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
- EkC3 ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
- GIB2 GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- GIC2 GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

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

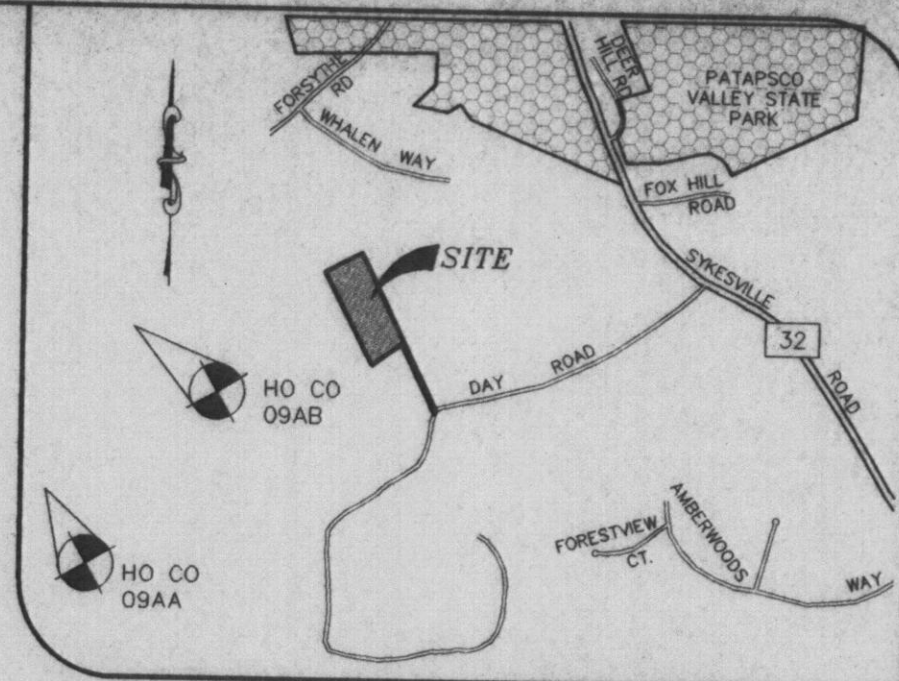
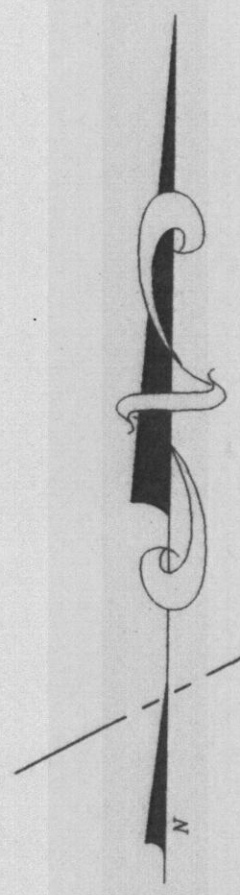
*James B. Mc...*  
HOWARD COUNTY HEALTH OFFICER  
10-13-98  
DATE

Project	98048	date	AUG 1998
Illustration	RCI/SID	engineering	SJD
scale	1" = 100'	approved	

NO. 1	DESCRIPTION	DATE

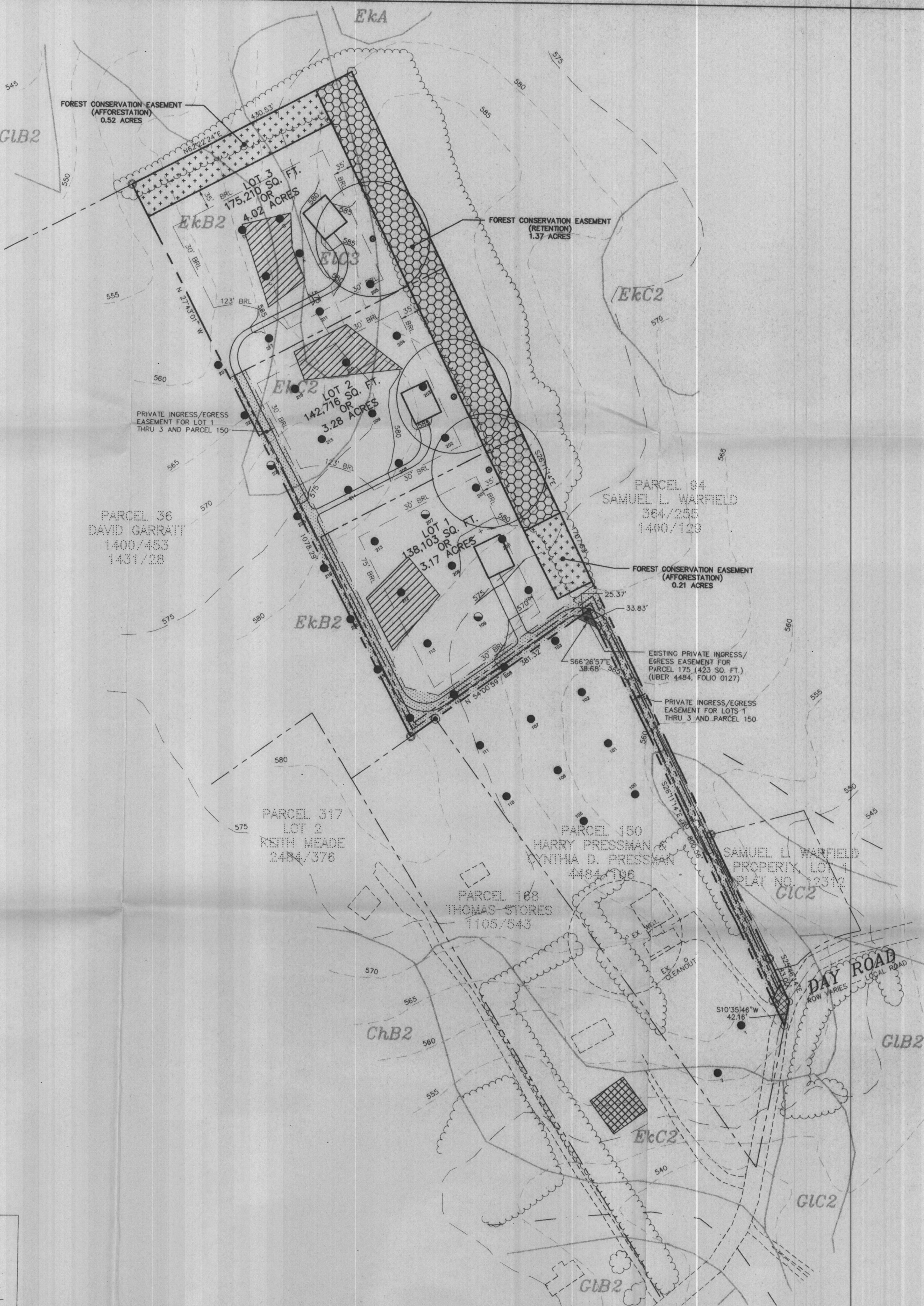
**DAY ROAD**  
PARCEL 175 - BLOCK 3  
TAX MAP 9 - PARCELS 175 - HOWARD COUNTY, MARYLAND  
THIRD ELECTION DISTRICT  
**PERC CERTIFICATION PLAT**

**MILDENBERG & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsy Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Fax (301) 621-6321 Wash. (410) 997-0298 Fax



Project	98048	Date	DEC 1998
Illustration	RCJ/SJD	Engineering	SJD
Scale	1"=100'	Approval	

Revisions		Date	



**GENERAL NOTES:**

- SITE DATA  
TAX MAP 9 - PARCEL 175 - BLOCK 3  
AREA OF SITE: 10.49 ACRES.  
DEED REFERENCE: 1923/631.  
ZONED: RC-DEO.
- TOPOGRAPHIC DATA BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHY.
- BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
- SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY DATED 1968.
- NO WETLANDS, FLOODPLAIN, OR STREAMS EXIST ON-SITE.
- PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- TO THE BEST OF OUR KNOWLEDGE, ALL ADJACENT WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN SHOWN.
- ALL PERC HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED.
- THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 1998 BY MILDENBERG, BOENDER & ASSOCIATES, INC.

**LEGEND**

- APPROXIMATE LOCATION OF EXISTING SEPTIC EASEMENT
- PROPOSED SEPTIC EASEMENT
- USE-IN-COMMON DRIVEWAY EASEMENT
- FOREST CONSERVATION EASEMENT (RETENTION)
- FOREST CONSERVATION EASEMENT (AFFORESTATION)
- PUBLIC ROAD DEDICATION
- PROPOSED WELL
- EXISTING WELL
- DESIGNATES A PASSED PERC TEST HOLE
- DESIGNATES A FAILED PERC TEST HOLE

**SOILS LEGEND**

- ChB2 CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- Eka ELIOAK SILT LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED
- EkB2 ELIOAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- EkC2 ELIOAK SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
- EC3 ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
- GIB2 GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- GIC2 GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

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

*John M. Boyd* M.D. M.P.H.  
HOWARD COUNTY HEALTH OFFICER KM  
12-14-98  
DATE



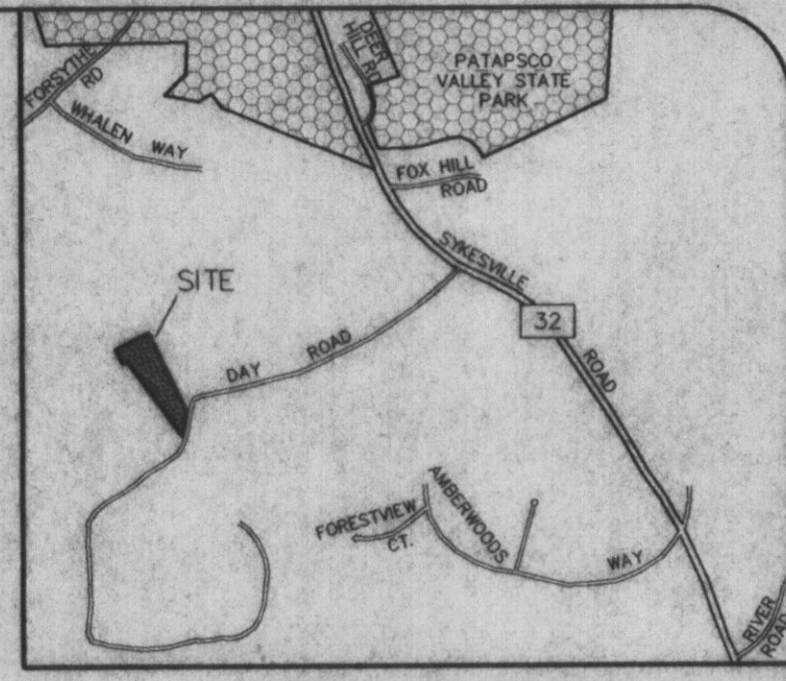
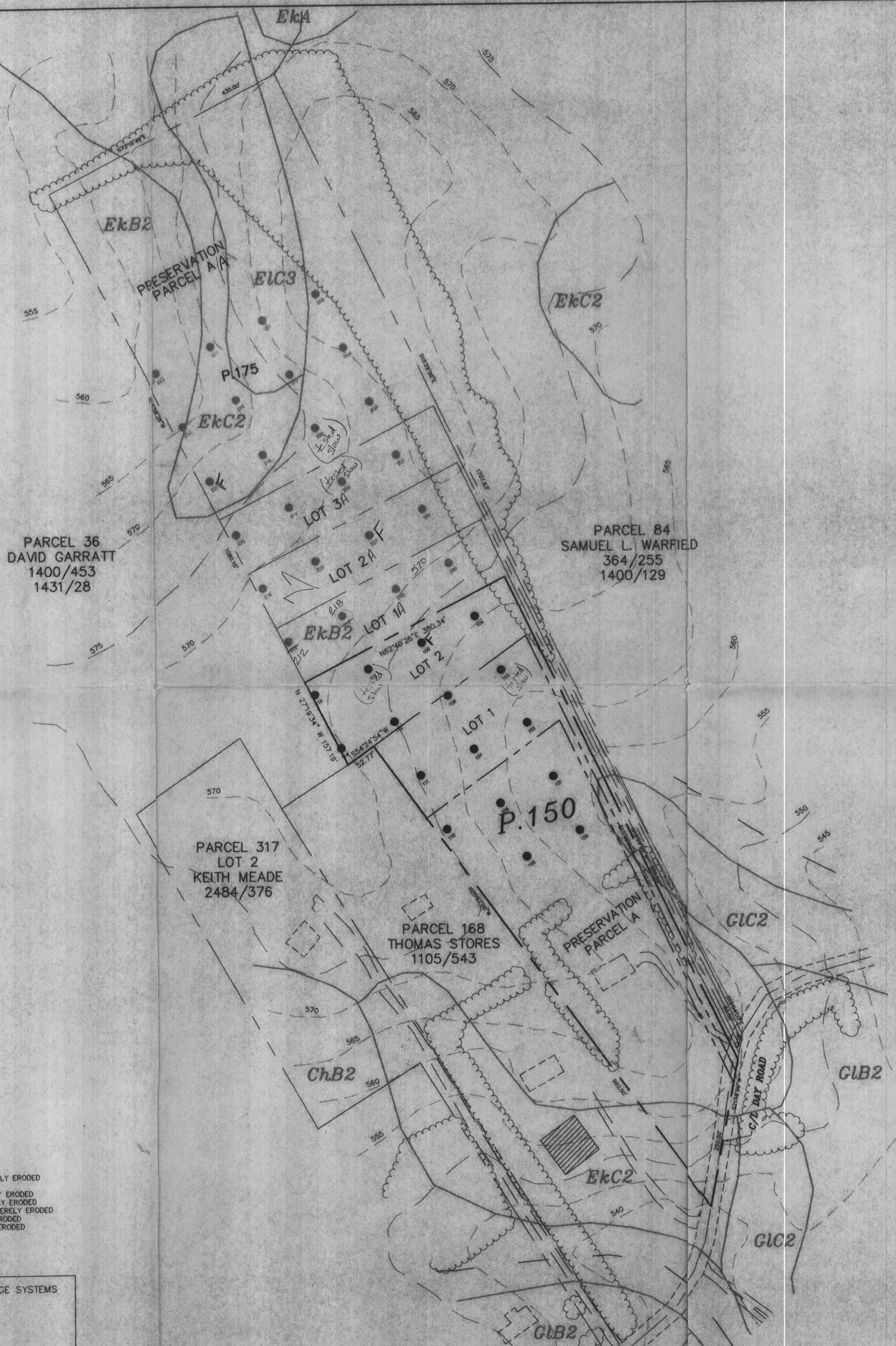
12-15-98  
Revised perc test plat  
area on Lot 2 (Km)  
OWNER  
NORTHBRIDGE DEVELOPMENT, LLC  
14045 GARED DRIVE  
GLENWOOD, MARYLAND 21738  
(410) 730-1074

**DELIGHTFUL DAZE (DAY ROAD)**  
LOTS 1 THRU 3  
TAX MAP 9 - PARCELS 175 - BLOCK 3  
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
PERC CERTIFICATION PLAT

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Fax (301) 821-5521 Wash. (410) 997-0298 Fax




G1B2










VICINITY MAP  
SCALE: 1"=1000'

**GENERAL NOTES:**

1. TOPOGRAPHIC DATA BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHY.
2. BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
3. SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY DATED 1968.
4. NO FLOODPLAIN EXISTS ON SITE.
5. PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
6.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
7. WELL LOCATIONS WILL BE ESTABLISHED AFTER THE PERC TESTS ARE COMPLETE.

**LEGEND**

-  APPROXIMATE LOCATION OF EXISTING SEPTIC EASEMENT
-  PROPOSED SEPTIC EASEMENT
-  PROPOSED 24' USE-IN-COMMON DRIVEWAY EASEMENT
-  PROPOSED WELL
-  EXISTING WELL
-  DESIGNATES A PASSED PERC TEST HOLE
-  DESIGNATES A FAILED PERC TEST HOLE

**SOILS LEGEND**

- ChB2 CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
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- EkB2 ELIOAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- EkC2 ELIOAK SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
- EiC3 ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
- G1B2 GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- G1C2 GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

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

HOWARD COUNTY HEALTH OFFICER

DATE

project	98048	date	MAY 1998
illustration	RCJ/RLM	engineering	RCJ/RLH
scale	1"=100'	approval	

description	perc
revisions	
no.	

ELECTION DISTRICT

DAY ROAD  
PARCEL 150  
TAX MAP 9, PARCELS 150 & 175  
HOWARD COUNTY, MARYLAND

PERC TEST PLAT



**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors

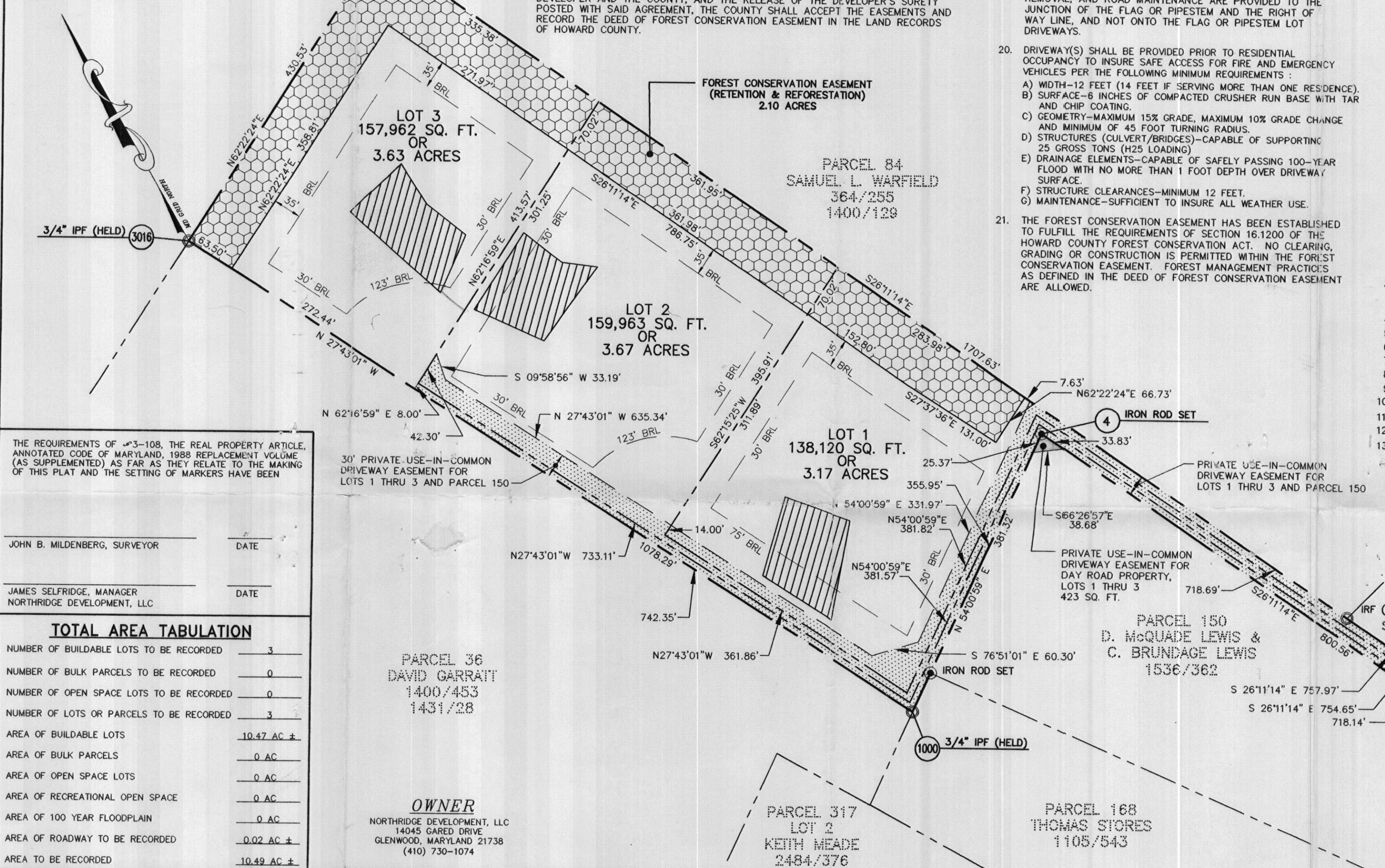
5072 Bessy Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0236 Bal. (301) 621-5321 Wash. (410) 997-0238 Fax

COORDINATE LIST		
NO.	NORTH	EAST
1	611,355.607	1,320,013.545
2	611,314.164	1,320,005.792
3	611,357.766	1,319,984.349
4	612,032.547	1,319,652.501
5	611,386.599	1,319,998.582
1000	611,808.503	1,319,343.945
1901	611,430.352	1,319,977.459
3016	612,763.068	1,318,842.429
3017	612,962.708	1,319,223.869

CURVE DATA								
CURVE NO.	RADIUS	LENGTH	DELTA	TANGENT	CHORD	CHORD BEARING		
3-5	215.00'	32.18'	8°34'37"	16.12'	32.15'	N26°16'23"E		

MINIMUM LOT AREA TABULATION			
LOT NO.	GROSS AREA	PIPESTEM AREA	MIN. LOT SIZE
1	138,103 SQ.FT.	7,423 SQ.FT.	130,680 SQ.FT.
2	159,963 SQ.FT.	12,035 SQ.FT.	147,928 SQ.FT.
3	157,962 SQ.FT.	14,979 SQ.FT.	142,983 SQ.FT.

NOTE:  
COORDINATES AND GRID TICS SHOWN HEREON ARE BASED ON NAD '83 AND ARE IN FEET, TO CONVERT TO METERS DIVIDE BY 3.28083333.



THE REQUIREMENTS OF §§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

JOHN B. MILDENBERG, SURVEYOR  
DATE \_\_\_\_\_

JAMES SELFRIE, MANAGER  
NORTHDRIDGE DEVELOPMENT, LLC  
DATE \_\_\_\_\_

TOTAL AREA TABULATION	
NUMBER OF BUILDABLE LOTS TO BE RECORDED	3
NUMBER OF BULK PARCELS TO BE RECORDED	0
NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
NUMBER OF LOTS OR PARCELS TO BE RECORDED	3
AREA OF BUILDABLE LOTS	10.47 AC ±
AREA OF BULK PARCELS	0 AC
AREA OF OPEN SPACE LOTS	0 AC
AREA OF RECREATIONAL OPEN SPACE	0 AC
AREA OF 100 YEAR FLOODPLAIN	0 AC
AREA OF ROADWAY TO BE RECORDED	0.02 AC ±
AREA TO BE RECORDED	10.49 AC ±

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

HOWARD COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

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

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

PARCEL 36  
DAVID GARRATT  
1400/453  
1431/28

OWNER  
NORTHDRIDGE DEVELOPMENT, LLC  
14045 GARED DRIVE  
GLENWOOD, MARYLAND 21738  
(410) 730-1074

### OWNER'S STATEMENT

I, NORTHDRIDGE DEVELOPMENT, LLC, OWNER 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 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 RIGHT-OF-WAYS AND THE SPECIFIC EASEMENTS SHOWN HEREON, 2) 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, 3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAY AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND 4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENT AND RIGHTS-OF-WAY.

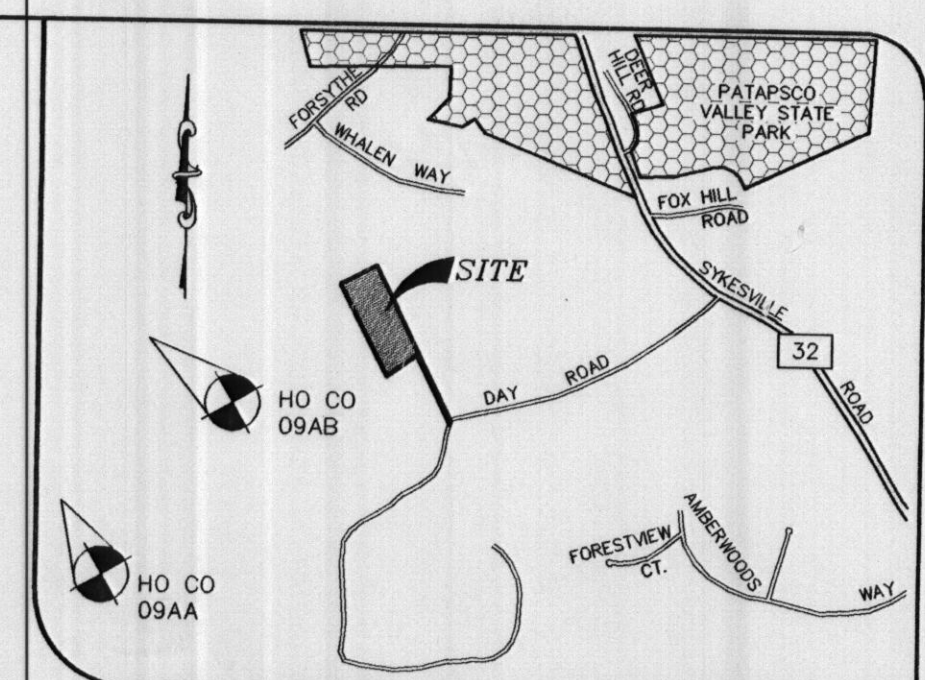
WITNESS MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_

JAMES SELFRIE, MANAGER  
NORTHDRIDGE DEVELOPMENT, LLC

### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF THE LAND CONVEYED BY D. McQUADE LEWIS AND C. BRUNDAGE LEWIS TO NORTHDRIDGE DEVELOPMENT, LLC BY DEED DATED JULY 29, 1959 AND RECORDED AMONG THE LAND RECORDS FOR HOWARD COUNTY, MARYLAND IN LIBER No. - AT FOLIO - 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, AND THE BOUNDARY SURVEY IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

JOHN B. MILDENBERG, L.S. NO. 10718 \_\_\_\_\_ DATE \_\_\_\_\_



VICINITY MAP  
SCALE: 1"=2000'

- ### GENERAL NOTES:
- SUBJECT PROPERTY ZONED RC-DEO PER THE 10/18/93 COMPREHENSIVE ZONING PLAN.
  - COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS No. 09AB & 09AA.  
STA. No. 09AB N 612,167.161 EL. 607.04  
E 1,316,859.812  
STA. No. 09AA N 610,473.187 EL. 607.03  
E 1,315,967.458
  - THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 1998 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
  - BRL DENOTES BUILDING RESTRICTION LINE.
  - DENOTES IRON ROD OR PIPE FOUND.
  - DENOTES IRON ROD SET.
  - ⊙ DENOTES STONE FOUND.
  - DENOTES ANGULAR CHANGE IN DIRECTION OF BOUNDARY.
  - NO STEEP SLOPES EXIST ON-SITE.
  - NO WETLANDS, FLOODPLAIN, OR STREAMS EXIST ON-SITE.
  - NO BURIAL OR CEMETERY SITES EXIST ON-SITE.
  - ALL AREAS SHOWN ARE MORE OR LESS (±).
  - ▨ THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, RECORDED OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.

RECORDED AS PLAT ON AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

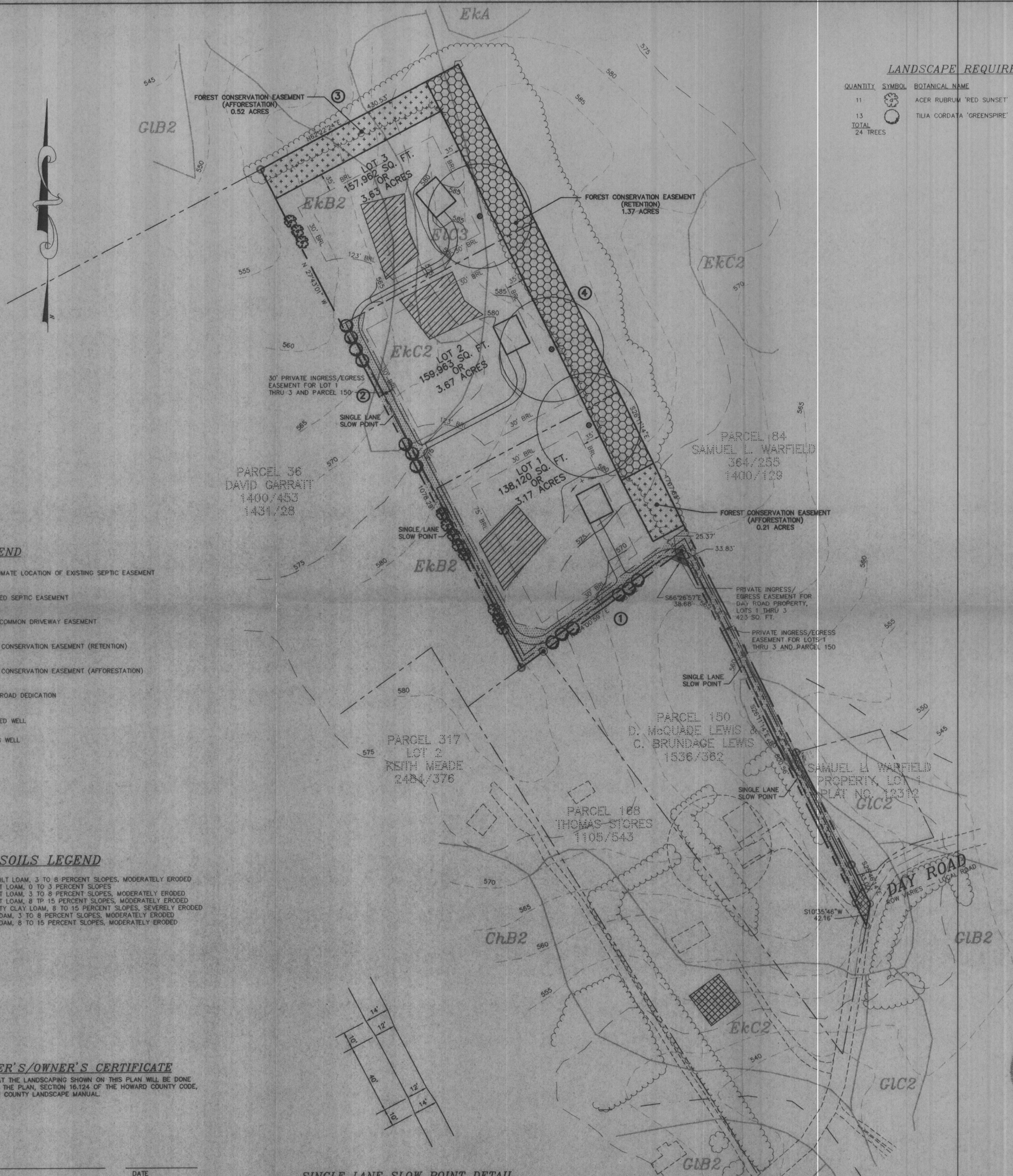
## DELIGHTFUL DAZE, LOTS 1 THRU 3

SHEET 1 OF 1

TAX MAP 9 THIRD ELECTION DISTRICT SCALE: 1"=100'  
PARCEL NO. 175 HOWARD COUNTY, MARYLAND DATE: OCT 1998  
BLOCK 3 EX. ZONING RC-DEO DPZ FILE NOS. N/A

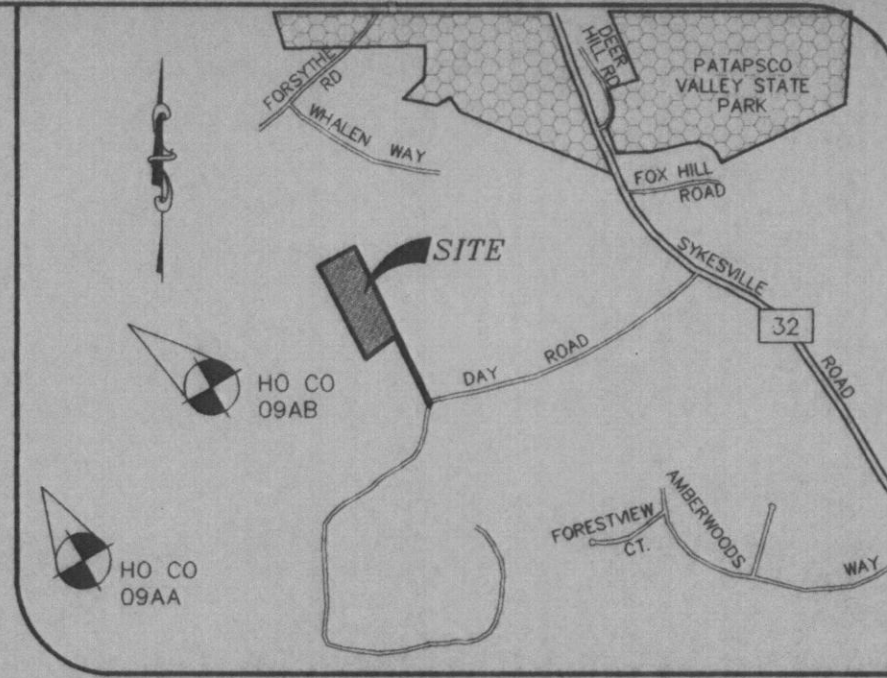
**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax

H:\9804E\DWG\48-RP.dwg 10-12-98 1:31:49 pm EST



**LANDSCAPE REQUIREMENT PLANTING SCHEDULE**

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
11	(Symbol)	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	1 1/2" - 2 1/2" CAL.
13	(Symbol)	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LITTLELEAF LINDEN	1 1/2" - 2 1/2" CAL.
<b>TOTAL</b>				<b>24 TREES</b>



**VICINITY MAP**  
SCALE: 1"=2000'

**GENERAL NOTES:**

- SITE DATA  
TAX MAP 9 - PARCEL 175 - BLOCK 3  
AREA OF SITE - 10.49 ACRES.  
DEED REFERENCE -  
ZONED - RC-DEO
- TOPOGRAPHIC DATA BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHY.
- BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
- SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY DATED 1968.
- NO WETLANDS, FLOODPLAIN, OR STREAMS EXIST ON-SITE.
- PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- AS BEST CAN BE DETERMINED, ALL ADJACENT WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN SHOWN.
- THIS PROJECT IS EXEMPT FROM SWM REQUIREMENTS UNDER THE TWO-ACRE LOT EXEMPTION.
- THE OPEN SPACE REQUIREMENT WILL BE SATISFIED VIA THE PAYMENT OF A FEE-IN-LIEU OF OPEN SPACE.
- THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 1998 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
- FOREST STAND DELINEATION PREPARED BY WILDMAN ENVIRONMENTAL SERVICES, INC.

PERIMETER	EDGE TYPE
PERIMETER 1 SFD TO SFD - 381.32 LF 1 SHADE TREE / 60 LF	A
PERIMETER 2 SFD TO SFD - 1078.29 LF 1 SHADE TREE / 60 LF	A
PERIMETER 3 SFD TO SFD - 430.53 LF EXISTING TREES TO REMAIN	A
PERIMETER 4 SFD TO SFD - 1050 LF EXISTING TREES TO REMAIN	A
<b>TOTAL PLANTING OBLIGATION</b>	
SHADE TREES	24
EVERGREEN TREES	0
SHRUBS	0

**SCHEDULE A - PERIMETER LANDSCAPED EDGE**

CATEGORY	ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	A
LINEAR FEET OF PERIMETER	2940.14 LF
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	YES, 1480.53 LF OF EXISTING TREES
CREDIT FOR WALL, FENCE, OR BERM (YES, NO, LINEAR FEET)	NO
NUMBER OF PLANTS REQUIRED	
SHADE TREES	24 SHADE TREES
EVERGREEN TREES	0 EVERGREEN TREES
SHRUBS	0 SHRUBS
NUMBER OF PLANTS PROVIDED	
SHADE TREES	24 SHADE TREES
EVERGREEN TREES	0 EVERGREEN TREES
OTHER TREES (2:1 SUBSTITUTION)	0 SUBSTITUTION TREES
SHRUBS (10:1 SUBSTITUTION)	0 SHRUBS

**LEGEND**

- (Symbol) APPROXIMATE LOCATION OF EXISTING SEPTIC EASEMENT
- (Symbol) PROPOSED SEPTIC EASEMENT
- (Symbol) USE-IN-COMMON DRIVEWAY EASEMENT
- (Symbol) FOREST CONSERVATION EASEMENT (RETENTION)
- (Symbol) FOREST CONSERVATION EASEMENT (AFFORESTATION)
- (Symbol) PUBLIC ROAD DEDICATION
- (Symbol) PROPOSED WELL
- (Symbol) EXISTING WELL

**SOILS LEGEND**

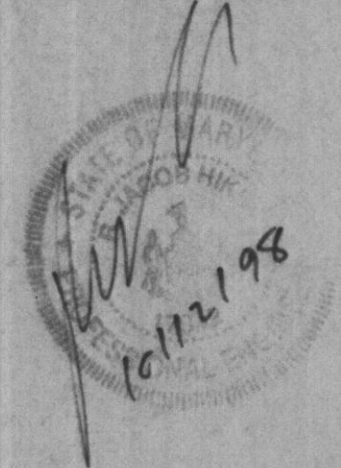
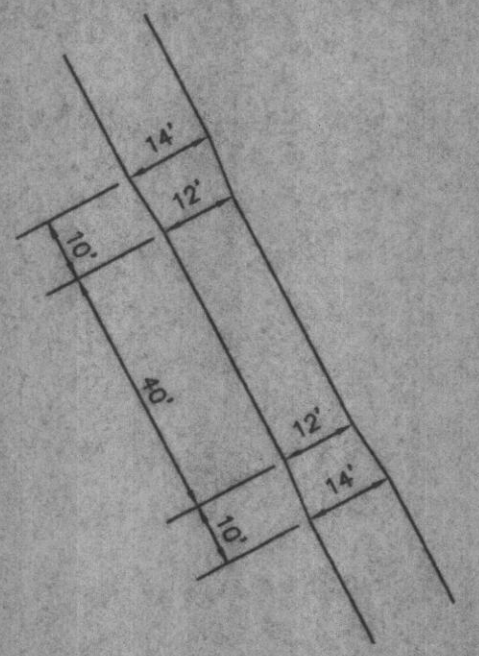
- ChB2 CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- Eka ELIOAK SILT LOAM, 0 TO 3 PERCENT SLOPES
- EkB2 ELIOAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- EkC2 ELIOAK SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
- EcC3 ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
- GIB2 GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- GIC2 GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

**DEVELOPER'S/OWNER'S CERTIFICATE**

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE IN ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE, AND THE HOWARD COUNTY LANDSCAPE MANUAL.

NAME \_\_\_\_\_ DATE \_\_\_\_\_

**SINGLE LANE SLOW POINT DETAIL**  
SCALE: 1" = 30'



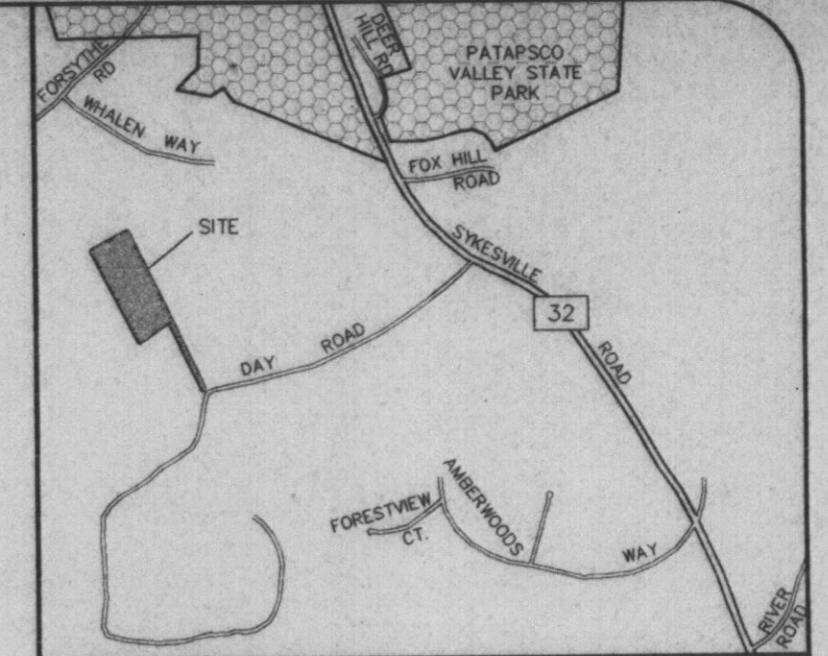
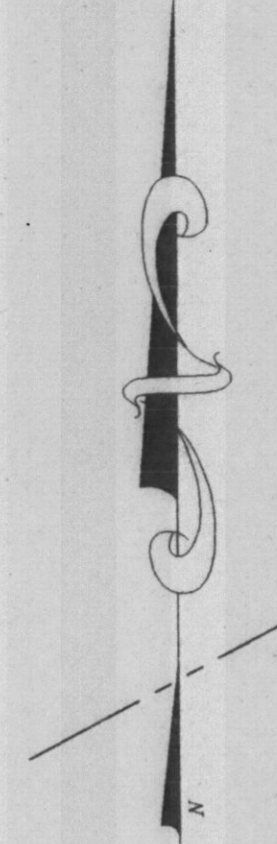
**OWNER**  
NORTHTRIDGE DEVELOPMENT, LLC  
14045 GARED DRIVE  
GLENWOOD, MARYLAND 21738  
(410) 730-1074

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsy Hall Drive, Suite 202, Ellicott City, Maryland, 21042  
(410) 997-0296 Fax (301) 621-5521 Wash. (410) 997-0296 Fax

**DELIGHTFUL DAZE**  
TAX MAP 9 - PARCELS 175 - BLOCK 3  
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
**SUPPLEMENTAL PLAN**

project	98048	date	OCT 1998
illustration	RCJ/SID	engineering	SID
scale	1"=100'	approval	
no.		description	
		revisions	

1 OF 1



Project	date	description
98048	AUG 1998	engineering
RCJ/SID	SID	approval
scale	1"=100'	no.

no.	description	date

**DAY ROAD**  
 TAX MAP 9 - PARCELS 175 - BLOCK 3  
 HOWARD COUNTY, MARYLAND  
**PERC CERTIFICATION PLAT**

**MILDENBERG, BOENDER & ASSOC., INC.**  
 Engineers Planners Surveyors  
 5072 Dorsey Hill Drive, Suite 202, Ellicott City, Maryland 21042  
 (410) 987-0296 Fax (301) 821-5551 Wash. (410) 987-0298 Fax



**GENERAL NOTES:**

1. SITE DATA :  
 TAX MAP 9 - PARCEL 175 - BLOCK 3  
 AREA OF SITE : 10.49 ACRES.  
 DEED REFERENCE : 1923/631.  
 ZONED : RC-DEO.
2. TOPOGRAPHIC DATA BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHY.
3. BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE.
4. SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY DATED 1968.
5. NO FLOODPLAIN EXISTS ON SITE.
6. PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
7. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, & RECREATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
8. TO THE BEST OF OUR KNOWLEDGE, ALL ADJACENT WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN SHOWN.
9. ALL PERC HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED.



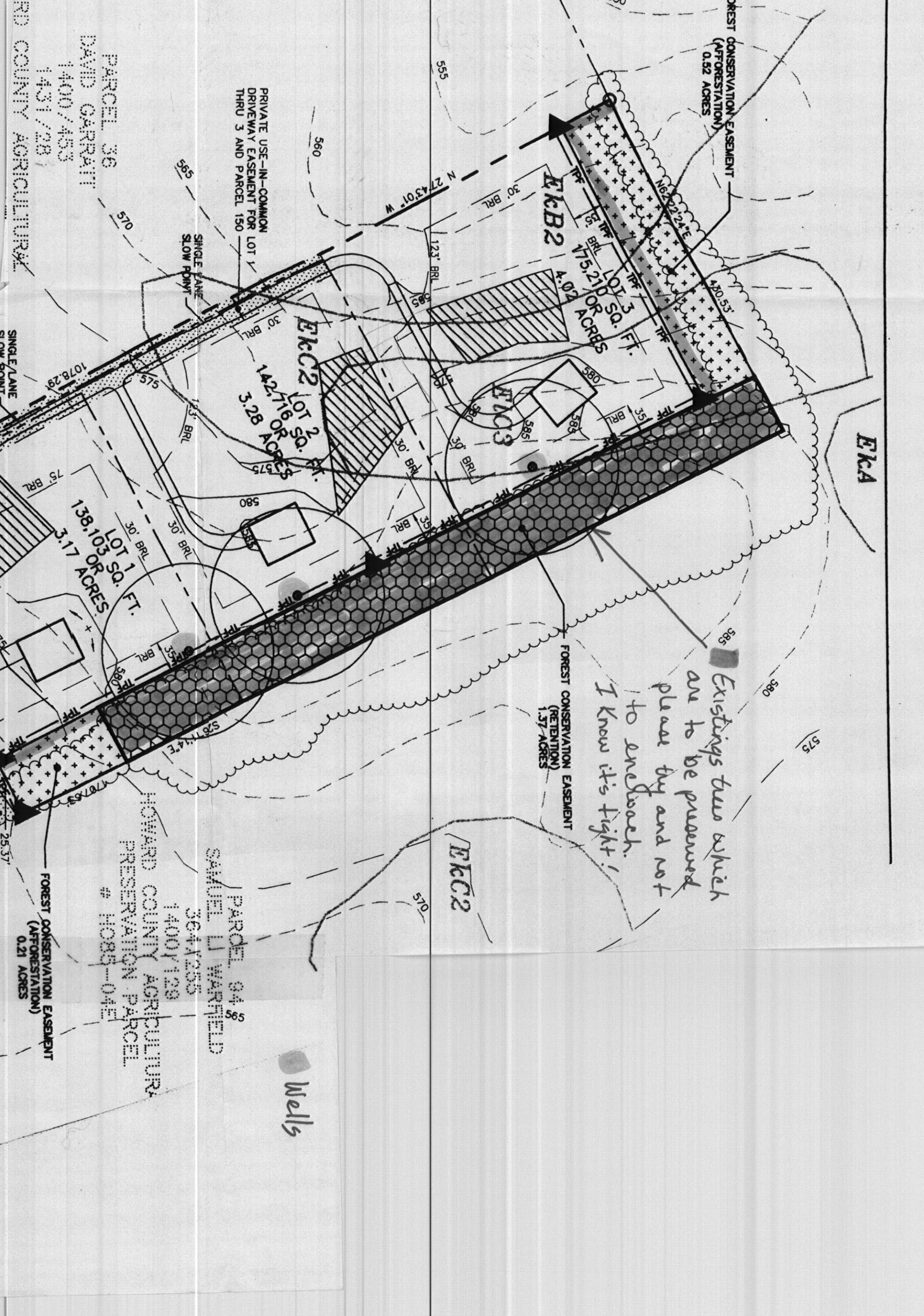
- LEGEND**
- APPROXIMATE LOCATION OF EXISTING SEPTIC EASEMENT
  - PROPOSED SEPTIC EASEMENT
  - PROPOSED WELL
  - EXISTING WELL
  - DESIGNATES A PASSED PERC TEST HOLE
  - DESIGNATES A FAILED PERC TEST HOLE

- SOILS LEGEND**
- ChB2 CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
  - EkA ELIOAK SILT LOAM, 0 TO 3 PERCENT SLOPES
  - EkB2 ELIOAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
  - EkC2 ELIOAK SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED
  - EiC3 ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
  - GIB2 GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
  - GIC2 GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

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

*Norman B. ...*  
 HOWARD COUNTY HEALTH OFFICER  
 DATE 10-13-98

H:\98048\DWG\48-perc.dwg 10-1-98 2:59:43 pm EST



PARCEL 36  
 DAVID GARRATT  
 1400/453  
 1431/28  
 30 COUNTY AGRICULTURAL

PRIVATE USE-IN-COMMON  
 DRIVEWAY EASEMENT FOR LOT 1  
 THRU 3 AND PARCEL 150

FOREST CONSERVATION EASEMENT  
 (AFFORESTATION)  
 0.52 ACRES

EKB2

LOT 3  
 175.210 OR SQ. FT.  
 4.02 ACRES

EKC2  
 LOT 2  
 142.719 OR SQ. FT.  
 3.28 ACRES

EKC3

EKA

LOT 1  
 138.103 SQ. FT.  
 3.17 ACRES

FOREST CONSERVATION EASEMENT  
 (RETENTION)  
 1.37 ACRES

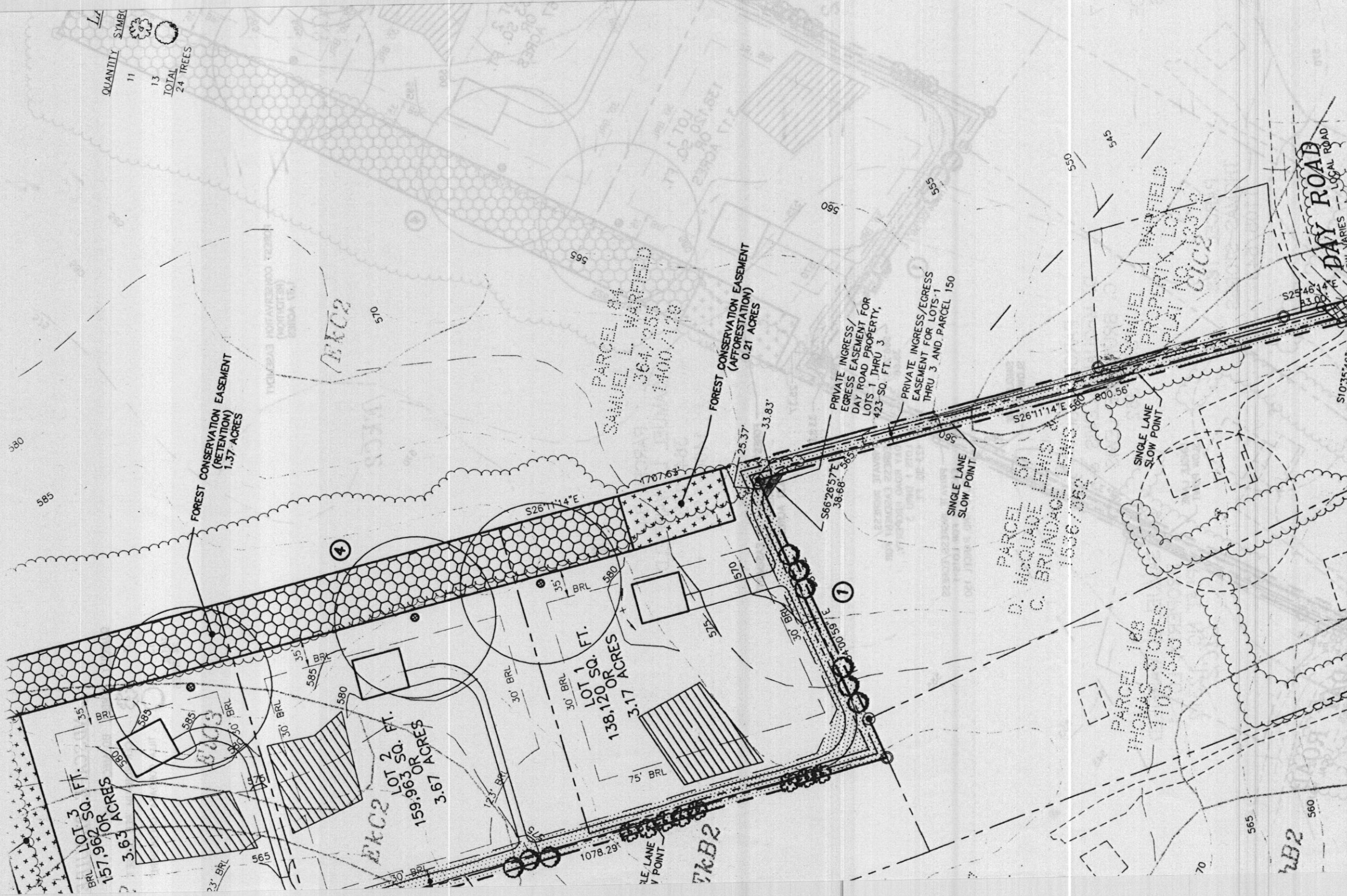
Existing trees which  
 are to be preserved  
 please try and not  
 to encroach.  
 I know it's tight!

PARCEL 84  
 SAUEL L WARFIELD  
 364/255  
 1400/123  
 HOWARD COUNTY AGRICULTURAL  
 PRESERVATION PARCEL  
 # H085-04E

FOREST CONSERVATION EASEMENT  
 (AFFORESTATION)  
 0.21 ACRES

Wells

QUANTITY	SYMBOL
11	
13	
TOTAL	24 TREES



FOREST CONSERVATION EASEMENT  
(RETENTION)  
1.37 ACRES

PARCEL 104  
SAMUEL L. WARTFIELD  
364/255  
1400/128

FOREST CONSERVATION EASEMENT  
(AFFORESTATION)  
0.21 ACRES

PRIVATE INGRESS/  
EGRESS EASEMENT FOR  
LOTS 1 THRU 3  
423 SQ. FT.

PRIVATE INGRESS/EGRESS  
EASEMENT FOR LOTS 1  
THRU 3 AND PARCEL 150

PARCEL 150  
D. MCQUADE LEHS &  
C. BRUNDAGE LEHS  
1536/382

PARCEL 108  
THOMAS STORES  
1105/543

SAMUEL L. WARTFIELD  
PROPERTY LOT 1  
PLAT 1812352

DAY ROAD  
LOCAL ROAD

LOT 3  
157.962 OR ACRES  
3.63

LOT 2  
159.96 OR ACRES  
3.67

LOT 1  
138.120 OR ACRES  
3.17

SINGLE LANE  
SLOW POINT

SINGLE LANE  
SLOW POINT

SINGLE LANE  
SLOW POINT

565

560

70

580

585

565

096

555

545

545

525.46

53.00

510.35

25.37'

33.83'

566.2657'

38.68'

565

S26°11'14" E 580

800.56'

S26°11'14" E

1707.63'

35' BRL

380

512

30' BRL

108

565.0039' E

30' BRL

30' BRL

75' BRL

35'

1085

585

585

585

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TO: HAROLD BERKADZIKOWSKI

→ HEALTH

Jeffrey A Warfield  
Cheryl L Warfield  
940 Day Road  
Sykesville, MD 21784  
(410)442-9788

98 NOV -4 AM 9:53

DPZ

November 3, 1998

Joseph W Rutter, Director  
Howard County Department  
of Planning and Zoning  
3430 Courthouse Dr  
Ellicott City, MD 21043

Mr. Rutter,

This letter is in reference to the recent submission of the proposed minor subdivision entitled "Delightful Daze", DPZ reference number F-99-58.

I am a member of the Day Road community and will be directly affected by this proposed development. For this reason, I have concerns that I am requesting be addressed before any consideration to approve this submission. Some of my concerns are as follows:

Understanding the proposed development and use-in-common driveway easement that will run along my property line, located at 940 Day Road, is at a higher elevation than my property.

In respect that the private use-in-common driveway easement for lots 1 thru 3 will run directly next to my home, no where in the proposal do I see the 20 ft landscape buffer as required by County regulations. In sub-dividing our lot from the family farm, we were required to have this buffer between our driveway and the neighbors property line. Not having this 20 ft buffer leads me to other concerns.

With the proposal as it stands, what protection am I, a tax payer in Howard County, afforded when the constant use of the use-in-common driveway easement causes excellerated erosion of my property? Thus causing possible contamination of my well, danger to my electric box, constant repair of my driveway, and constant repair to my lawn, just to mention a few.

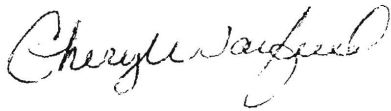
My well, approximately 10 ft from the property line, on which the use-in-common driveway easement will be located, has water at 30 ft. I am concerned that the runoff from this use-in-common driveway easement will contaminate my well. The well is located on my property as stipulated by the Howard County Health Department. According to information that I was given when calling DPZ on July 9, 1998, any roadway must be 24 ft from a well. In a conversation with Amy McMillen on August 25, 1998, at approximately 8:05 am, any roadway or driveway must be at least 15 ft from a well.

It is my hope that it has become apparent that I have many concerns about this proposal. In being that I am 'just a resident' of this county and not a DPZ regulation expert, I have other concerns that I am unable to put to paper due to my lack of knowledge. I am fully aware that, as director, you have a duty to perform in reviewing this submission, however, it is my goal that you will take into consideration the issues I, or other members of the community may have brought forward when reviewing this submission. I would welcome the opportunity to meet with you and discuss any or all of the issues presented.

Thanking you in advance for the time and consideration you have given by reading this letter. I look forward to hearing from you.

Sincerely,

Cheryl Warfield

A handwritten signature in cursive script that reads "Cheryl Warfield". The signature is written in black ink and is positioned below the typed name.

cc: Cindy Hamilton  
DPZ file F-99-58

Based on information contained in the Comprehensive Zoning Plan for Howard County, Maryland, section 100, page 3-E, "The provisions of these regulations are minimum requirements and shall be in addition to any other requirements of law. Where higher standards are required by other regulations, the higher standards shall apply unless the particular provision of these regulations expressly provides otherwise". I am appealing that if this property is to be considered for development, that the higher standards be applied.

It is my understanding that all properties originally subdivided from the Garratt Farm (hereto known as said Subdivision), including, but not limited to the above proposed development, have restrictive covenants attached. There are nine (9) items contained in the covenant, of which the following two items directly relate to this proposal. Item number seven (7) states, "All restrictive covenants as set forth herein in paragraphs 1 to 7 inclusive, shall have a continuing use with the land until January 1, 1986, at and after which time said covenants and restrictions may be terminated or changed by written recorded consent of the owners of a majority of the lots in said Subdivision, and *until so changed or terminated shall remain in effect and shall be binding upon any subsequent purchaser, their heirs or assigns*". Item number eight (8) states: "*This lot may not in any way be sub-divided nor any parts thereof sold unless the entire parcel shall be sold*". In speaking with members of the said Subdivision, there has not been a vote to change or terminate these covenants. Nor is there any intent to change or terminate said covenants. It is my feeling, based on these covenants, that violations may have occurred and that the above proposed development could be a violation of the said covenants. In information contained in the submission, deed of Harry and Cynthia Pressman, stating "Subject to an easement for ingress and egress which is more particularly described in Schedule B which is attached hereto and made a part hereof". "The within grantees join in the execution of this deed to consent to the easement of ingress and egress described herein", becomes a possible violation of the covenants of said property located at 970 Day Road. In any case or at any time, allowing the dedication of the easement for ingress and egress as described becomes a possible violation of said covenants.

Item number 26 of the Final Plat Checklist, stating "A general note which provides Liber and Folio reference for protective covenants including covenants governing the maintenance of community owned open space and the maintenance and use of use-in-common driveways, reservations or forest conservations areas..." has been checked as being completed, however I am not able to locate in the submission where these covenants are referenced.

In a conversation involving Harry Pressman, he stated that in exchange for the use of a portion of his property for the proposed use-in-common driveway easement, Northridge Development has agreed to do improvements to his home at 970 Day Road. Does this constitute a legal transaction, thus allowing the required space for the use-in-common driveway easement? Some of these improvements include a new roof, replacement of the oil tank, removal of a gas tank in the ground, and interior improvements.

In reviewing papers in the submission, it is stated in the opening document that there is an approval letter from the Health Department allowing submission of this subdivision, however I was not able to locate that letter.

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