APPLICATION

PERCOLATION TESTING

A 510195

P _____

DISTRICT _____

DATE _____

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

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 DelZoppo
(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

HD-216 (3/92)

510195
COUNTY #

SOIL PROFILE

108

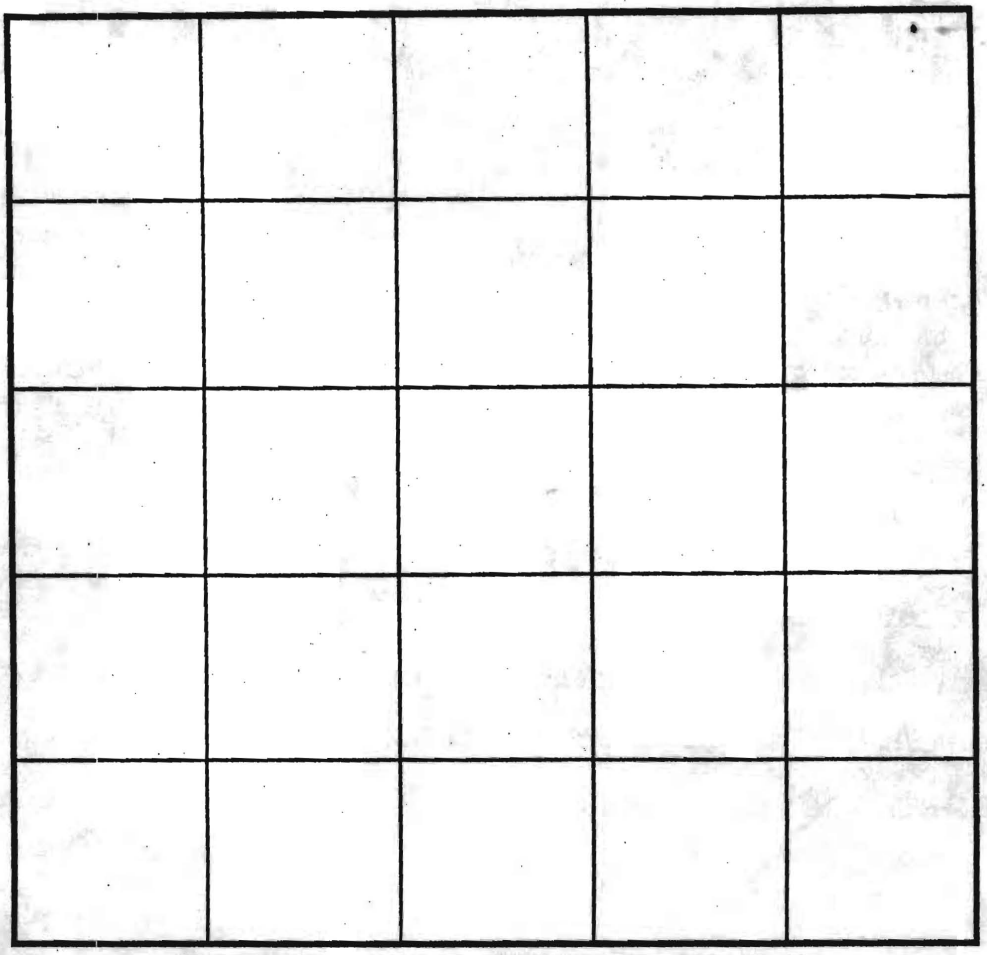
0' topsoil
1' orange clay loam
4' orange brown sandy clay loam 5% rock ↓
11'

112

0'
1/2' Topsoil
5' orange Clay Loam
Light Brown Silty Loam 5% rock
11'

109

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

206

0'
1' Topsoil
3' Orange Clay Loam
Light Tan Sandy Loam 10% rock
11.5'

207

0
1' Topsoil
3' Orange Clay Loam greater than 50% Light Tan Sandy Loam
7'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7·6·98	108	3.5'S	11:40 10	11:48	11:48	11:59 09	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 33	12:20 27	12:20 27	12:22 20	2min
		8' D	12:19 33	12:20 27			
7·6·98	206	3.5	12:23 54	12:27 34	12:27 34	12:34 17	
		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 Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 510195F

P _____

DISTRICT _____

DATE _____

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

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 _____

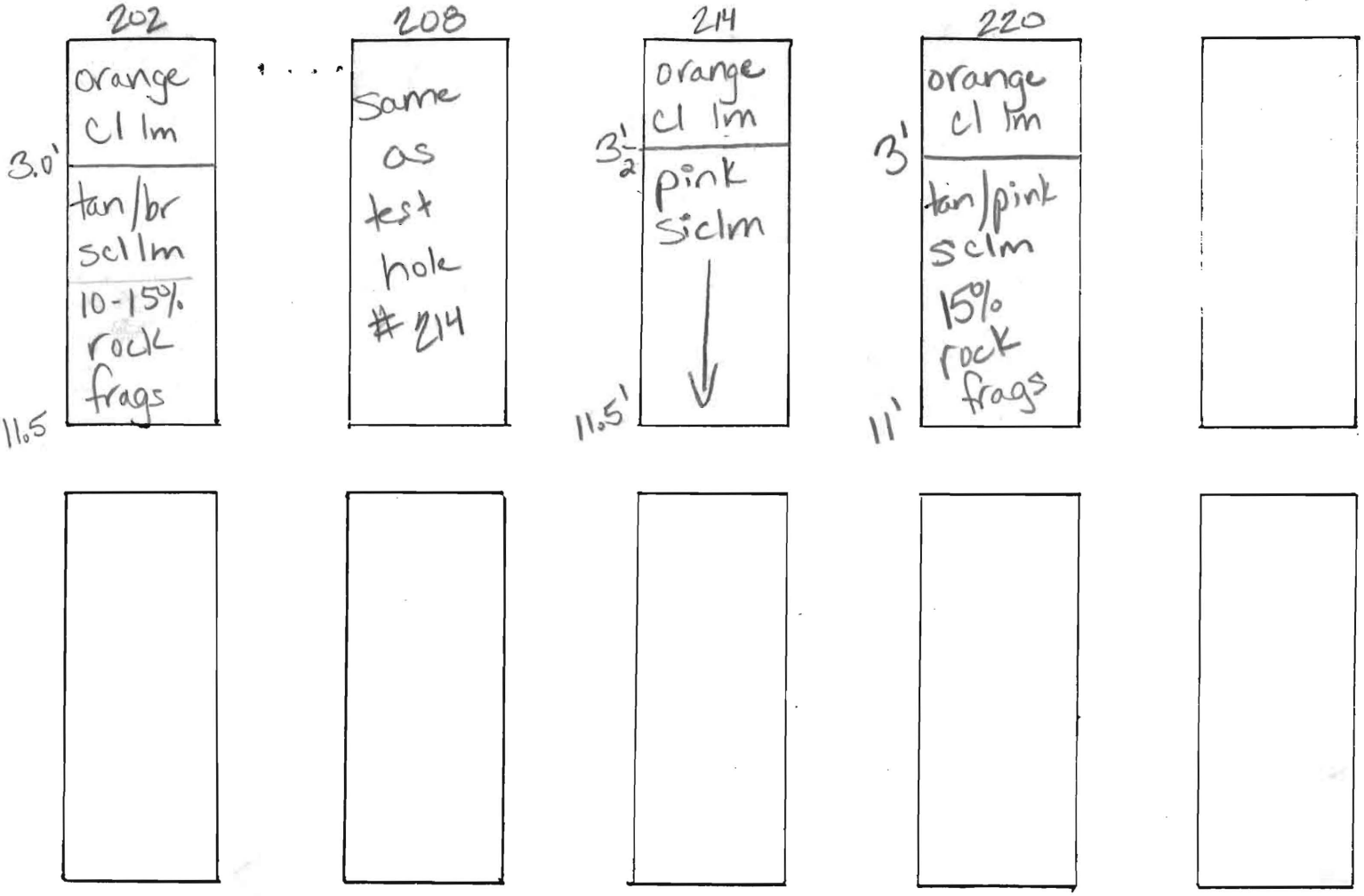
REASONS FOR REJECTION OR HOLDING _____

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

HD-216 (3/92)



DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7.6.98	202	3.0'S	10:28 30	10:29 30	10:29 30	10:32	2 30
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 30	12:52 30	12:52 30	12:54 30	2min
		11.5'D	visual	ok-see profile			
7.7.98	220	3.0'S	11:41 20	11:42 20	11:42 20	11:44 20	2min
		11.0'D	visual	ok-see profile			

REMARKS

TESTED BY Kim Maiste / Hank Oswald ALSO PRESENT Chuck Zepp

ASIC

APPLICATION

PERCOLATION TESTING

A 510195G

P _____

DISTRICT _____

DATE _____

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

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 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 _____

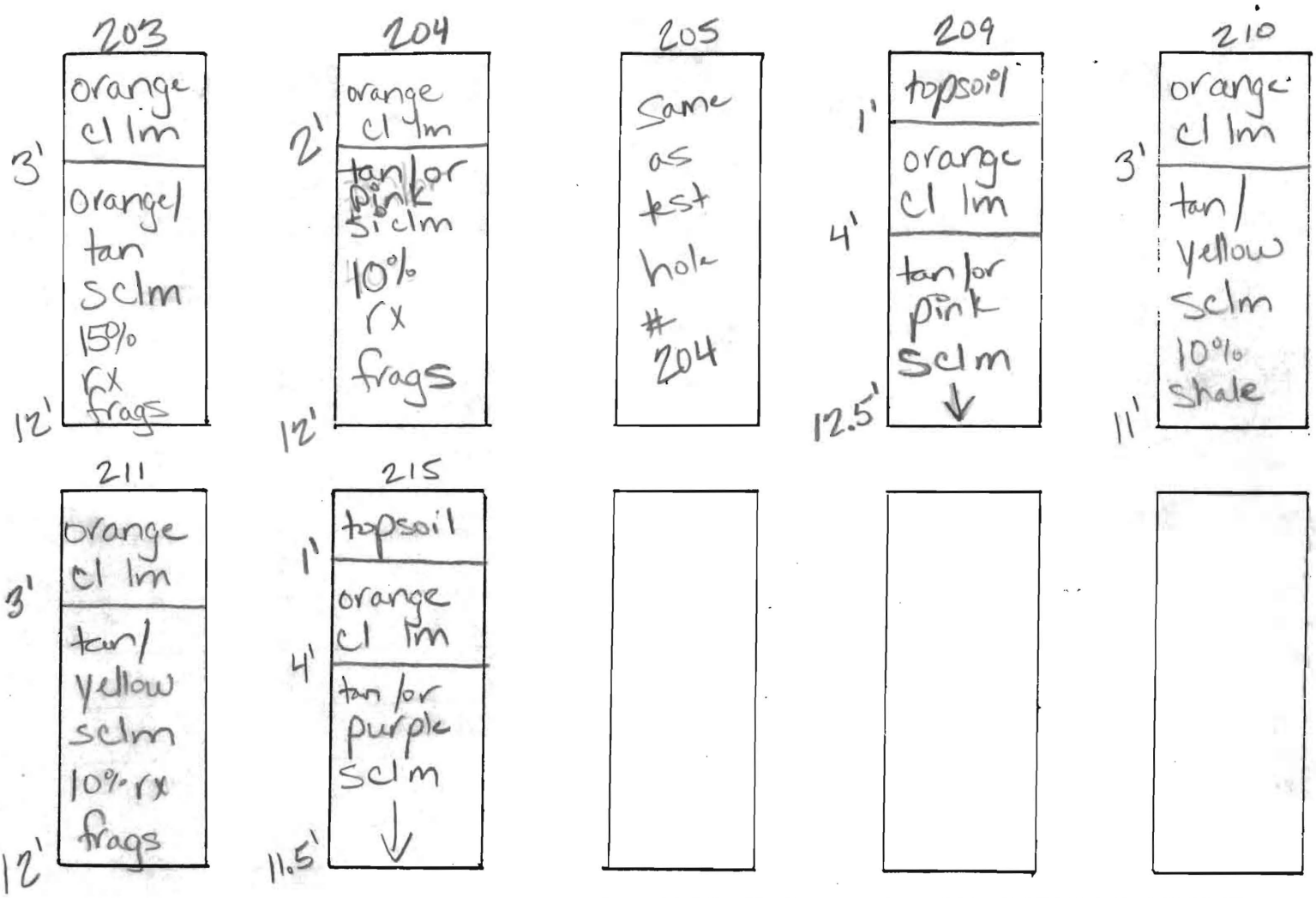
REASONS FOR REJECTION OR HOLDING _____

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

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

HD-216 (3/92)



DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
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	10:43 40	10:44 40	10:44 40	10:46 40	2min
		12.0'D	visual	ok-see profile			
	205	3.0'S	10:51 30	10:52 30	10:52 30	10:54	1 30
		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	1:19 10	1:23	1:23	1:25	2min
		11.0'D	visual ok-see profile				
	211	4.0'S	1:11 20	1:12 50	1:12 50	1:14 50	2min
		12.0'D	visual ok-see profile				
	215	3.0'S	12:57	12:58 30	12:58 30	1:00	1 30
		11.0'D	visual ok-see profile				

REMARKS

TESTED BY Kim Mairle / Hank Oswald ALSO PRESENT Chuck Zapp

A 510195

APPLICATION

PERCOLATION TESTING

A 510195B

P _____

DISTRICT _____

DATE _____

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

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 _____

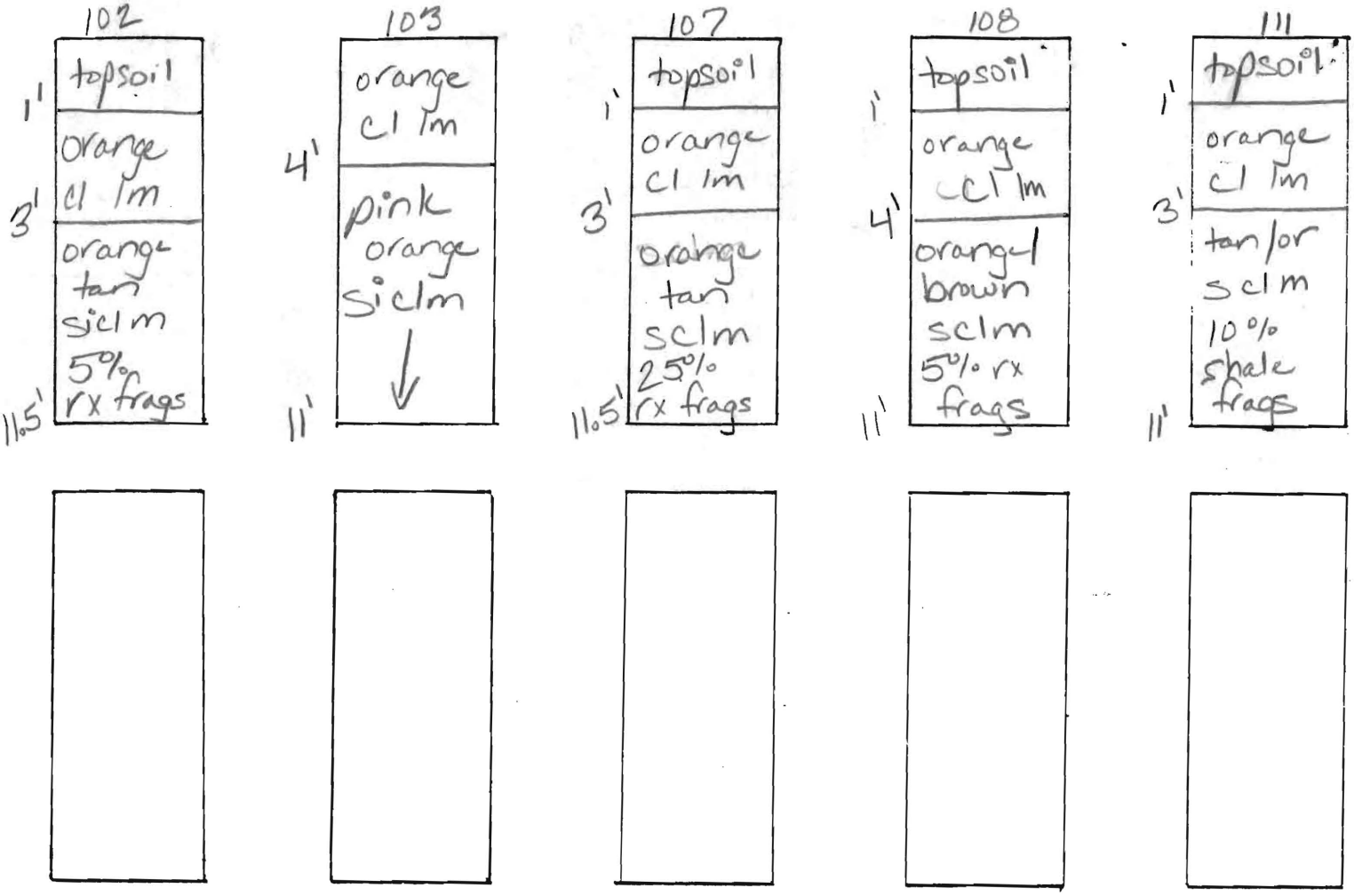
REASONS FOR REJECTION OR HOLDING _____

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

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

O-216 (3/92)



DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7.6.98	102	3.0'S	3:08 52	3:11 35	3:11 35	3:19 30	8min
		11.5'D	visual	ok-see profile			
	103	11.0'D	visual	only - ok see		profile	
	107	3.5'S	11:08 30	11:11	11:11	11:13	2min
		11.5'D	visual	ok-see profile			
	108	3.5'S	11:40 10	11:48	11:48	11:59	11min
		11.0'D	visual	ok-see profile			
	111	3.5'S	11:17 30	11:18 40	11:18 40	11:20 40	2min
		11.0'D	visual	ok-see profile			

REMARKS

TESTED BY Hank Oswald / Kim Maiste ALSO PRESENT Chuck Zapp

AS10195

APPLICATION

PERCOLATION TESTING

A 510195

P _____

DISTRICT _____

DATE _____

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

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. 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. 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

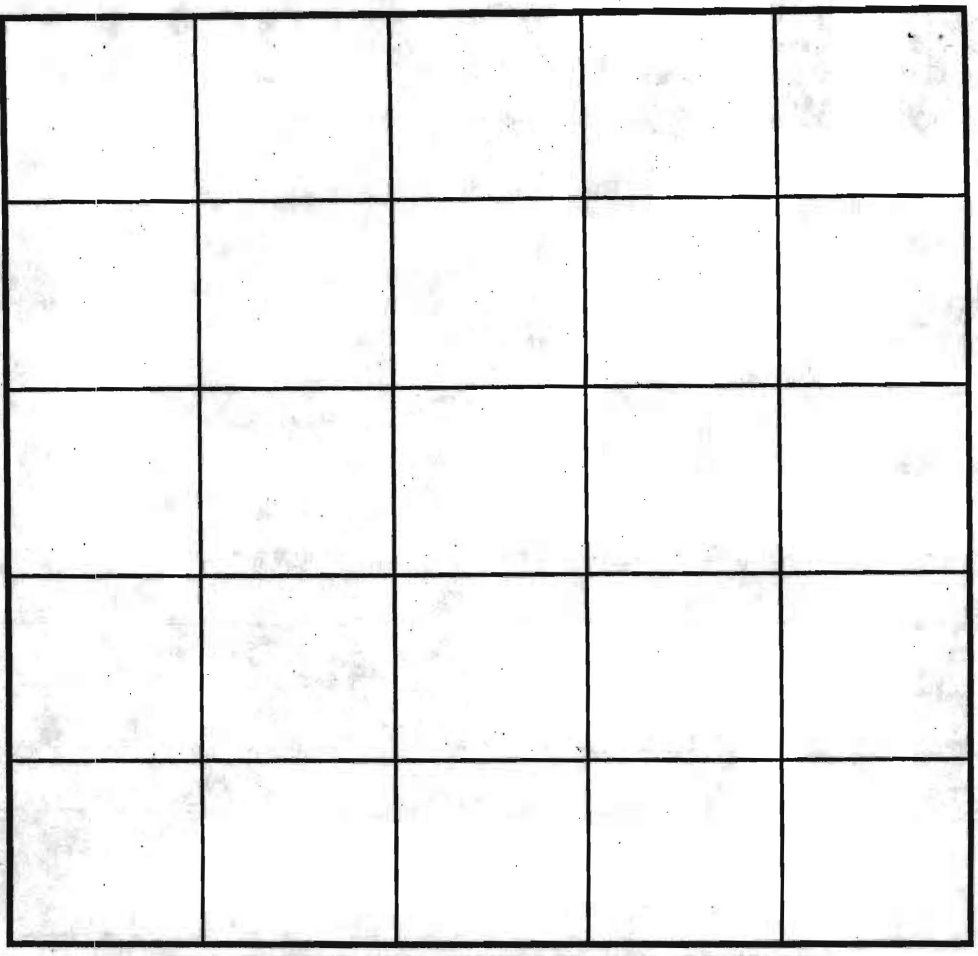
HD-216 (3/92)

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
0' Topsoil
1'
Clay Loam Orange
3'
Sandy Clay Loam tan/orange
12'



SOIL PROFILE
106
0' Topsoil
1'
Orange Clay Loam
3'
12.0
Silty Loam tan
12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7-6-98	100	3'		1.09		3.15	3.15
		13.5'					
7-6-98	105	3'		0.38		1.37	fast
		12'					
		5 (repour)		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				

REMARKS _____

TYPE OF SOIL _____

TESTED BY Tim Maiske / Hank Oswald ALSO PRESENT Chuck Zupp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

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

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

DISTRICT 7

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. 1

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 DelZoppo
(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

HD-216 (3/92)

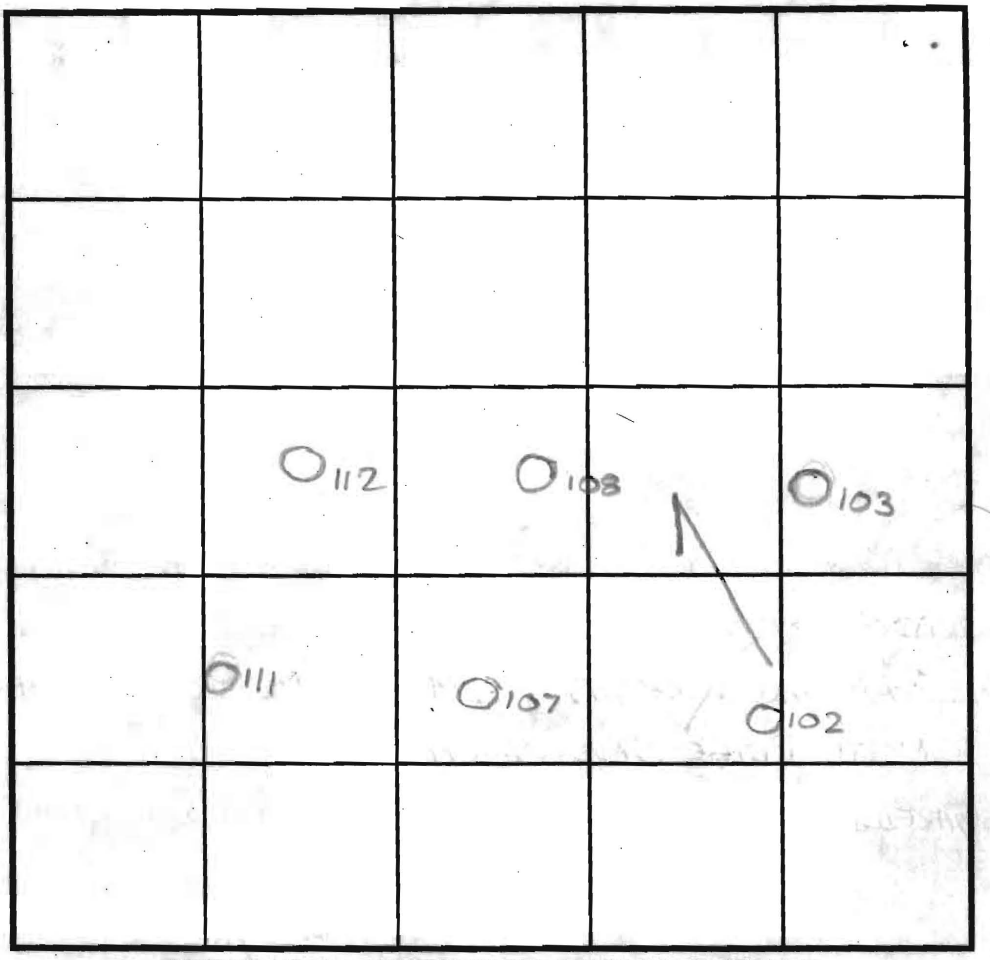
510195
COUNTY #

SOIL PROFILE

101
0'
1' topsoil
orange clay loam
4'
lt. tan sandy loam 10% rock frags
12.5'

102
1'
topsoil
orange clay loam
3'
orange/tan silty clay loam 5% rock frags
11.5'

107
1'
topsoil
orange clay loam
5'
sandy clay loam orange/tan 25% rock
11.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

111
0'
topsoil 1'
orange clay loam 3.0'
tan/orange sandy clay loam 10% shale frags 11.0'

103
orange clay lm 4.0'
pink orange silty clay lm 11.0'

11 3023

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7.6.98	101	3.5'S	10:48 30	10:53 30	10:53 30	11:01 30	8 min
7.7.98		12.5'D	visual ok - see profile				
	102	3.0'S	3:08 52	3:11 35	3:11 35	3:19 30	8 min
		11.5'D	visual ok - see profile				
	107	3.5'S	11:08 30	11:11	11:11	11:13	2 min
		11.5'D	visual ok - see profile				
	111	3.5'S	11:17 30	11:18 40	11:18 40	11:20 30	
		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 Maiste / Hank Oswald ALSO PRESENT Chuck Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

HOWARD COUNTY HEALTH DEPARTMENT

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

HOWARD COUNTY HEALTH DEPARTMENT

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.

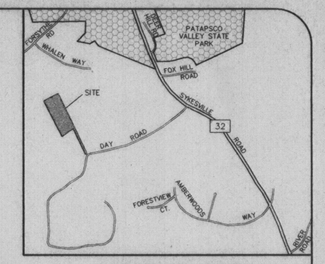
Very truly yours,

Amy Mc Millen

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

am
cc:file
owner
buyer

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage Program (410) 313-2640 Community Environmental Health Program (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323 FAX (410) 313-2648



VICINITY MAP

SCALE: 1"=1000'

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.
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. TO THE BEST OF OUR KNOWLEDGE, ALL ADJACENT WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN SHOWN.
8. 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 TP 15 PERCENT SLOPES, MODERATELY ERODED
ElC3	ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
GlB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
GlC2	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 10-13-98

10-11-98

no.	description / revisions	date

project	date
98048	AUG 1998
illustration	engineering
RCJ/SJD	SJD
scale	approval
1"=100'	

DAY ROAD
PARCEL 175
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 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.

1 OF 1

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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
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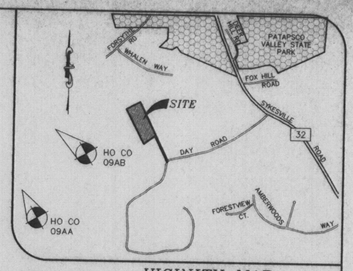
GlC2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

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

Joyce M. Beyd MW per EHS 12-14-98
HOWARD COUNTY HEALTH OFFICER KM DATE



VICINITY MAP
SCALE: 1"=2000'

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 WETLANDS, FLOODPLAIN, OR STREAMS EXIST 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.
10. THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 1998 BY MILDENBERG, BOENDER & ASSOCIATES, INC.

12-15-98
Revised perc test plat due to reconfiguration of septic area on Lot 2 (KM)

OWNER
NORTHRIDGE 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

project	date
98048	DEC 1998
illustration	engineering
RCJ/SJD	SJD
scale	approval
1"=100'	

no.	description / revisions	date

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.

1 OF 1

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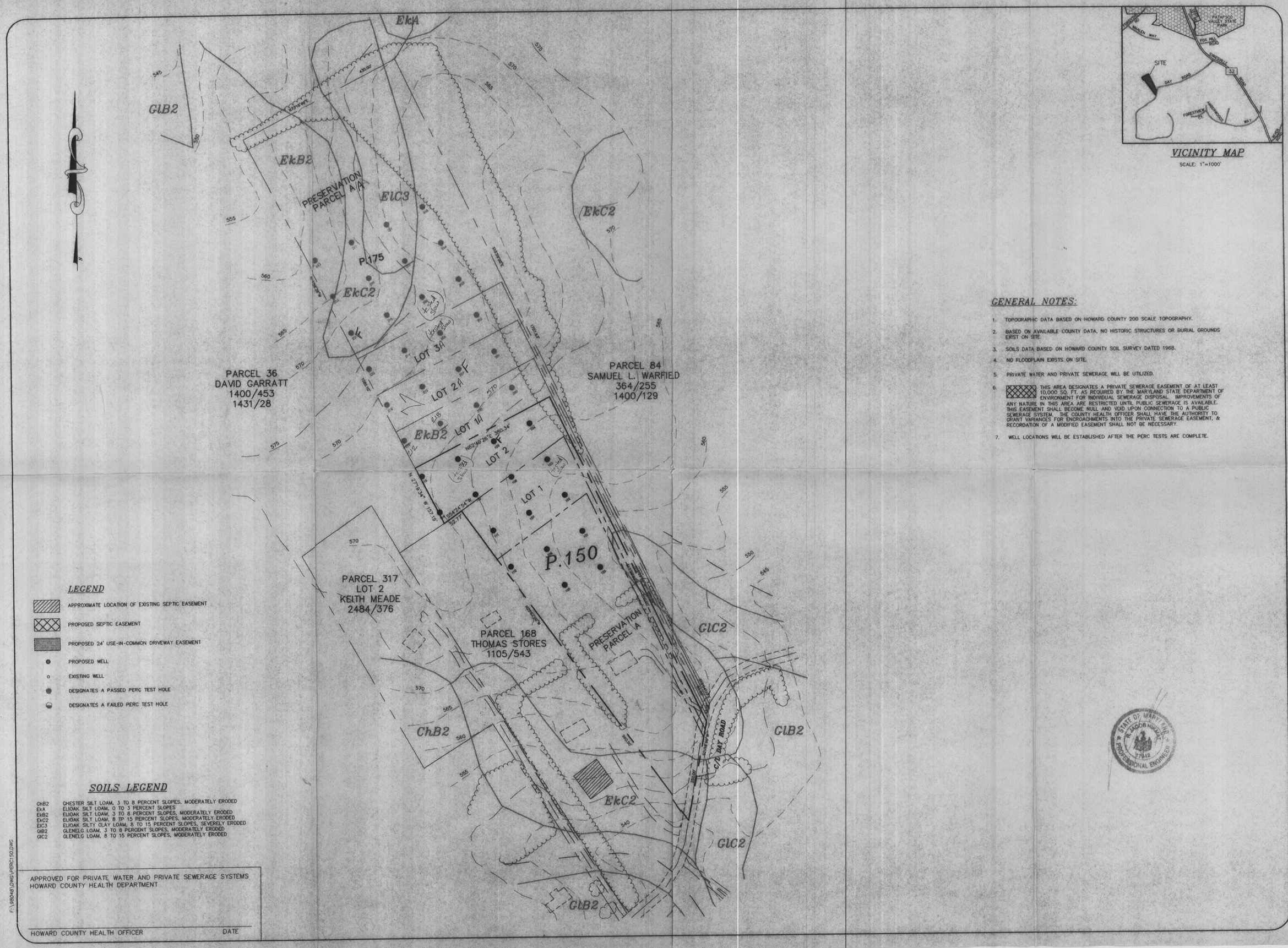

VICINITY MAP

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
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 TP 15 PERCENT SLOPES, MODERATELY ERODED
ElC3	ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
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GlC2	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

STATE OF MARYLAND — R. JACOB HUCKER — 17812 — PROFESSIONAL ENGINEER

project 980448 | date MAY 1998
illustration RCJ/RJH | engineering RCJ/RJH
scale 1"=100' | approval

no.	description / revisions	date

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

PERC TEST PLAT

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

F:\980448\DWG\PERC150.DWG

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

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

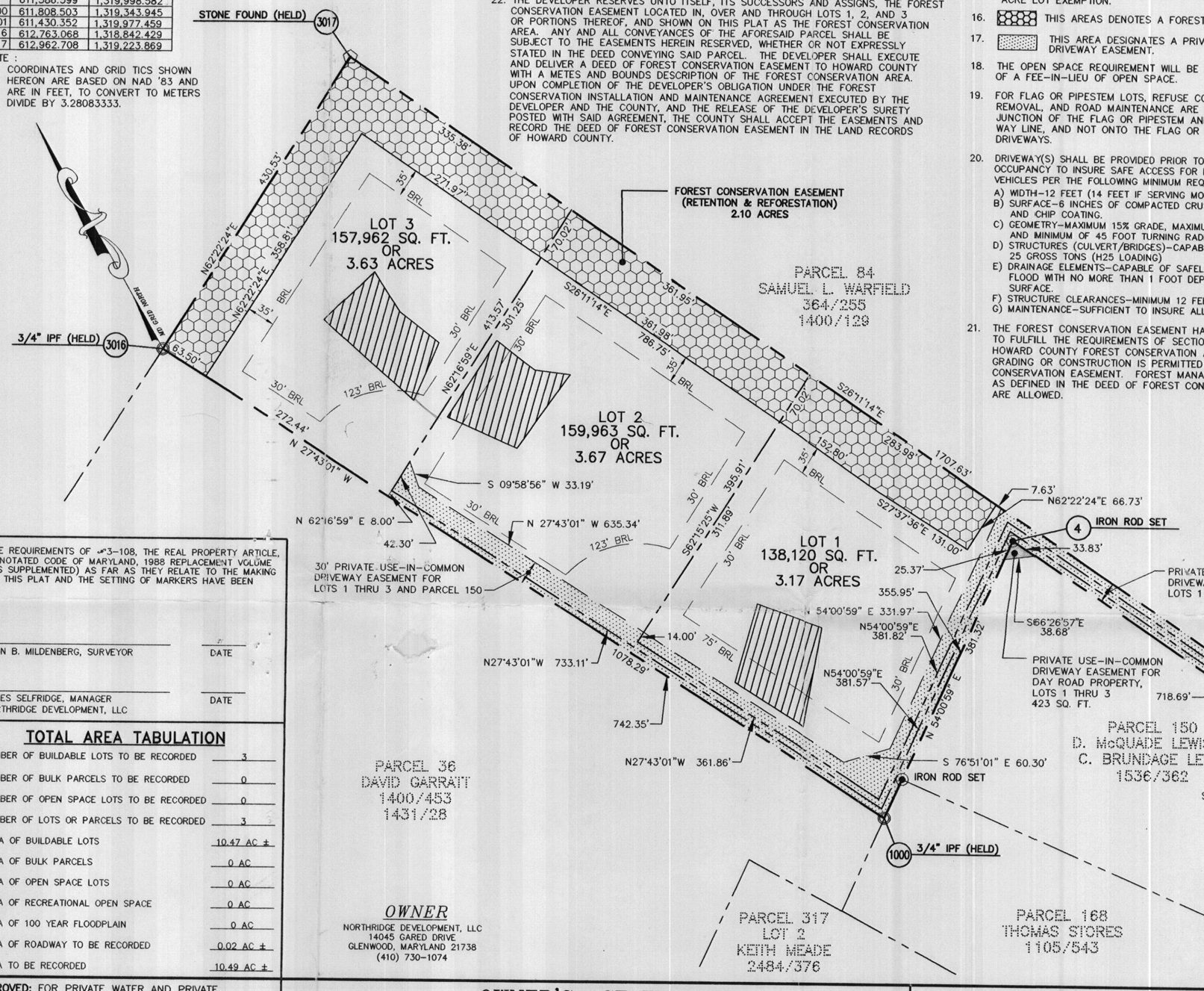
CURVE DATA

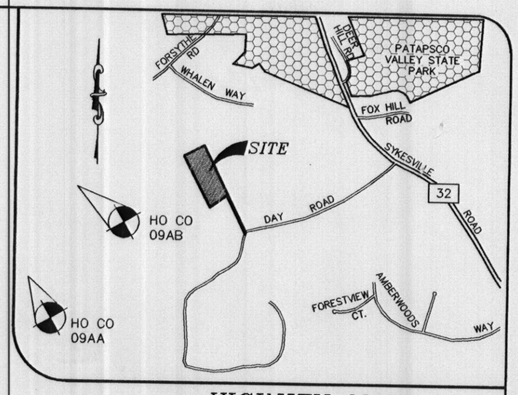
CURVE NO.	RADIUS	LENGTH	DELTA	TANGENT	CHORD	CHORD BEARING
3-5	215.00'	32.18'	8°34'37"	16.12'	32.15'	N26°16'23"E

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.

22. THE DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, THE FOREST CONSERVATION EASEMENT LOCATED IN, OVER AND THROUGH LOTS 1, 2, AND 3 OR PORTIONS THEREOF, AND SHOWN ON THIS PLAT AS THE FOREST CONSERVATION AREA. ANY AND ALL CONVEYANCES OF THE AFORESAID PARCEL SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED CONVEYING SAID PARCEL. THE DEVELOPER SHALL EXECUTE AND DELIVER A DEED OF FOREST CONSERVATION EASEMENT TO HOWARD COUNTY WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE DEVELOPER'S OBLIGATION UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY THE DEVELOPER AND THE COUNTY, AND THE RELEASE OF THE DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED OF FOREST CONSERVATION EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.





VICINITY MAP

SCALE: 1"=2000'

GENERAL NOTES:

1. SUBJECT PROPERTY ZONED RC-DEO PER THE 10/18/93 COMPREHENSIVE ZONING PLAN.
2. 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 E 1,316,859.812	EL. 607.04
STA. No. 09AA	N 610,473.187 E 1,315,967.458	EL. 607.03

3. THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 1998 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
4. BRL DENOTES BUILDING RESTRICTION LINE.
5. O DENOTES IRON ROD OR PIPE FOUND.
6. ◉ DENOTES IRON ROD SET.
7. ⬠ DENOTES STONE FOUND.
8. ○ DENOTES ANGULAR CHANGE IN DIRECTION OF BOUNDARY.
9. NO STEEP SLOPES EXIST ON-SITE.
10. NO WETLANDS, FLOODPLAIN, OR STREAMS EXIST ON-SITE.
11. NO BURIAL OR CEMETERY SITES EXIST ON-SITE.
12. ALL AREAS SHOWN ARE MORE OR LESS (±).
13. ▨ 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.
14. SURVEY WORK AND DOCUMENTS HAS BEEN PERFORMED IN CONFORMANCE WITH SUBTITLE 13, BOARD OF PROFESSIONAL LAND SURVEYORS, 09.13.06 STATE OF MARYLAND, MINIMUM STANDARDS OF PROFESSIONAL PRACTICE.
15. THIS PROJECT IS EXEMPT FROM SWM REQUIREMENTS UNDER THE TWO-ACRE LOT EXEMPTION.
16. ▩ THIS AREAS DENOTES A FOREST CONSERVATION EASEMENT.
17. ▨ THIS AREA DESIGNATES A PRIVATE USE-IN-COMMON DRIVEWAY EASEMENT.
18. THE OPEN SPACE REQUIREMENT WILL BE SATISFIED VIA THE PAYMENT OF A FEE-IN-LIEU OF OPEN SPACE.
19. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL, AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE RIGHT OF WAY LINE, AND NOT ONTO THE FLAG OR PIPESTEM LOT DRIVEWAYS.
20. DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS :
    A) WIDTH-12 FEET (14 FEET IF SERVING MORE THAN ONE RESIDENCE).
    B) SURFACE-6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.
    C) GEOMETRY-MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45 FOOT TURNING RADIUS.
    D) STRUCTURES (CULVERT/BRIDGES)-CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
    E) DRAINAGE ELEMENTS-CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
    F) STRUCTURE CLEARANCES-MINIMUM 12 FEET.
    G) MAINTENANCE-SUFFICIENT TO INSURE ALL WEATHER USE.
21. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT. FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.

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 SELFRIDGE, MANAGER NORTHRIDGE 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

OWNER'S STATEMENT

I, NORTHRIDGE 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

1998 OCT 14 AM 9:38
RECEIVED
HOWARD COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

JAMES SELFRIDGE, MANAGER NORTHRIDGE DEVELOPMENT, LLC — WITNESS

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 NORTHRIDGE 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

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
PARCEL NO. 175
BLOCK 3

THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
EX. ZONING RC-DEO

SCALE : 1"=100'
DATE : OCT 1998
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.

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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

SOILS LEGEND

ChB2	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
EkA	ELIOAK SILT LOAM, 0 TO 3 PERCENT SLOPES
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GlC2	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.

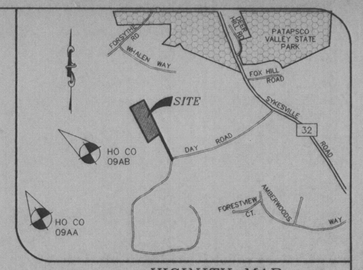
NAME _____ DATE _____

SINGLE LANE SLOW POINT DETAIL

SCALE : 1" = 30'

LANDSCAPE REQUIREMENT PLANTING SCHEDULE

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
11		ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	1 1/2" – 2 1/2" CAL.
13		TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LITTLELEAF LINDEN	1 1/2" – 2 1/2" CAL.
TOTAL 24 TREES				



VICINITY MAP

SCALE: 1"=2000'

GENERAL NOTES:

1. SITE DATA :
   TAX MAP 9 – PARCEL 175 – BLOCK 3
   AREA OF SITE : 10.49 ACRES.
   DEED REFERENCE : –
   ZONED : RC-DEO
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 WETLANDS, FLOODPLAIN, OR STREAMS EXIST 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. AS BEST CAN BE DETERMINED, ALL ADJACENT WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN SHOWN.
8. THIS PROJECT IS EXEMPT FROM SWM REQUIREMENTS UNDER THE TWO-ACRE LOT EXEMPTION.
9. THE OPEN SPACE REQUIREMENT WILL BE SATISFIED VIA THE PAYMENT OF A FEE-IN-LIEU OF OPEN SPACE.
10. THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT SEPTEMBER 1998 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
11. FOREST STAND DELINEATION PREPARED BY WILDMAN ENVIRONMENTAL SERVICES, INC.

PERIMETER	EDGE TYPE
PERIMETER 1	
SFD TO SFD – 381.32 LF	A
1 SHADE TREE / 60 LF 6	
PERIMETER 2	
SFD TO SFD – 1078.29 LF	A
1 SHADE TREE / 60 LF 18	
PERIMETER 3	
SFD TO SFD – 430.53 LF	A
EXISTING TREES TO REMAIN	
PERIMETER 4	
SFD TO SFD – 1050 LF	A
EXISTING TREES TO REMAIN	
TOTAL PLANTING OBLIGATION	
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

10/12/98

OWNER

NORTHRIDGE DEVELOPMENT, LLC
14045 OARED DRIVE
GLENWOOD, MARYLAND 21738
(410) 730-1074

project 98048 | date OCT 1998
illustration RCJ/SJD | engineering SJD
scale 1"=100' | approval

description / revisions / date / no.

DELIGHTFUL DAZE

LOTS 1 THRU 3

TAX MAP 9 – PARCELS 175 – BLOCK 3

THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SUPPLEMENTAL PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 205 Ellicott City, Maryland 21042
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax

1 OF 1

H:\98048\DWG\48-SUPP.dwg 10-12-98 1:53:34 pm EST

LEGEND

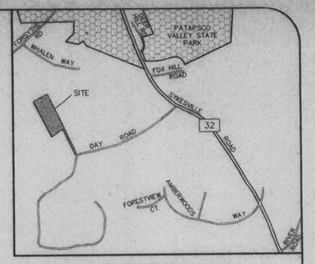
- APPROXIMATE LOCATION OF EXISTING SEPTIC EASEMENT
- PROPOSED SEPTIC EASEMENT
- PROPOSED WELL
- EXISTING WELL
- DESIGNATES A PASSED PERC TEST HOLE
- DESIGNATES A FAILED PERC TEST HOLE

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 TP 15 PERCENT SLOPES, MODERATELY ERODED
EIC3	ELIOAK SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
GlB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
GlC2	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 10-13-98



VICINITY MAP

SCALE: 1"=1000'

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.
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. TO THE BEST OF OUR KNOWLEDGE, ALL ADJACENT WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY LINE HAVE BEEN SHOWN.
8. ALL PERC HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED.

project	98048	date	AUG 1998
illustration	RCJ/SJD	engineering	SJD
scale	1"=100'	approval	

no.	description / revisions	date

DAY ROAD
PARCEL 175
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 Balt. (301) 621-5621 Wash. (410) 997-0298 Fax

1 OF 1

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

EkA

575

580

585

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

FOREST CONSERVATION EASEMENT (AFFORESTATION) 0.52 ACRES

N62°22'24"E 430.53'

TPF

35' BRL

LOT 3 175,210 SQ. FT. OR 4.02 ACRES

EkB2

30' BRL

N 27°43'01" W 555'

EkC3

123' BRL

FOREST CONSERVATION EASEMENT (RETENTION) 1.37 ACRES

EkC2

570

560

EkC2 LOT 2 142,716 SQ. FT. OR 3.28 ACRES

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

SINGLE LANE SLOW POINT

565

Wells

PARCEL 94
SAMUEL U WARFIELD
364/255
1400/129
HOWARD COUNTY AGRICULTURAL PRESERVATION PARCEL
H085-04E

S76°14'14"E 1707.63'

FOREST CONSERVATION EASEMENT (AFFORESTATION) 0.21 ACRES

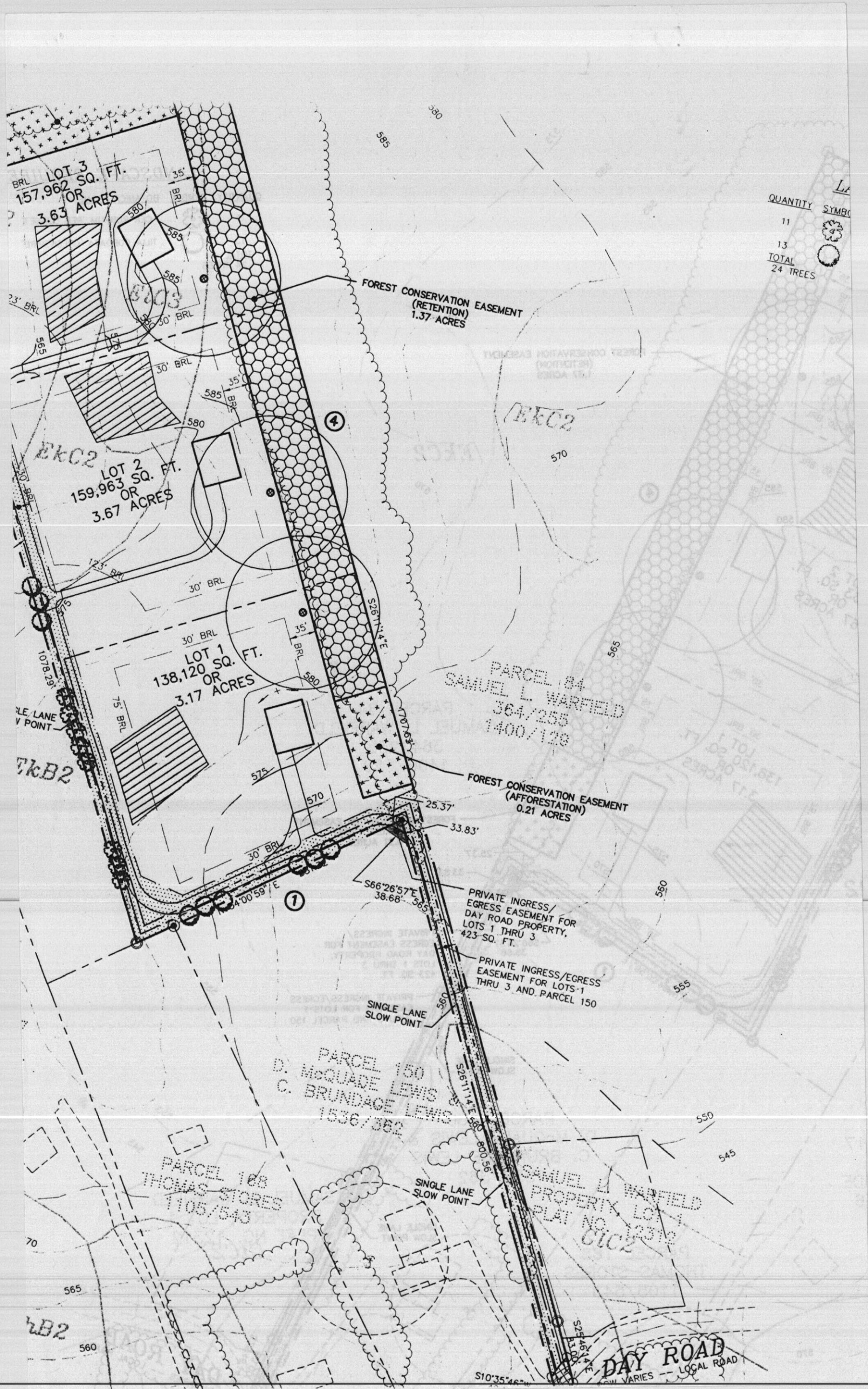
25.37'

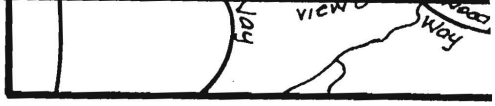
PARCEL 36
DAVID GARRATT
1400/453
1431/28
RD COUNTY AGRICULTURAL

1078.29'

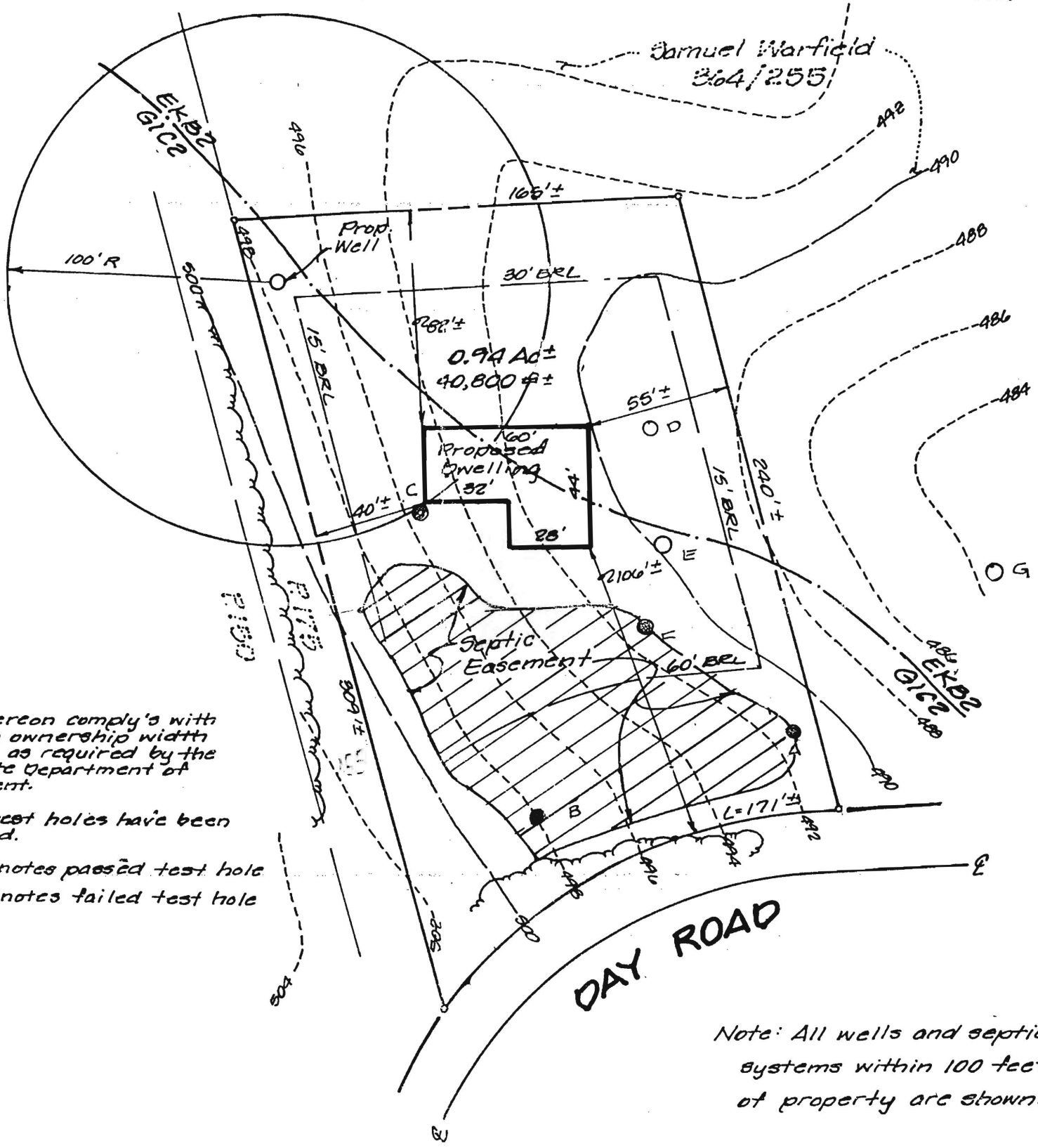
LOT 1 138,103 SQ. FT. OR 3.17 ACRES

75' BRL


LOT 3
157,962 SQ. FT.
OR
3.63 ACRES
LOT 2
159,963 SQ. FT.
OR
3.67 ACRES
LOT 1
138,120 SQ. FT.
OR
3.17 ACRES
FOREST CONSERVATION EASEMENT
(RETENTION)
1.37 ACRES
FOREST CONSERVATION EASEMENT
(AFFORESTATION)
0.21 ACRES
PRIVATE INGRESS/
EGRESS EASEMENT FOR
DAY ROAD PROPERTY,
LOTS 1 THRU 3
423 SQ. FT.
PRIVATE INGRESS/EGRESS
EASEMENT FOR LOTS-1
THRU 3 AND PARCEL 150
SINGLE LANE
SLOW POINT
SINGLE LANE
SLOW POINT
PARCEL 84
SAMUEL L. WARFIELD
364/255
1400/128
PARCEL 150
D. McQUADE LEWIS &
C. BRUNDAGE LEWIS
1536/362
PARCEL 168
THOMAS STORES
1706/543
SAMUEL L. WARFIELD
PROPERTY LOT 1
PLAT NO. 12312
DAY ROAD
LOCAL ROAD
QUANTITY
11
13
TOTAL
24 TREES
S26°11'14"E
800.56'
S66°26'57"E
38.68'
N24°00'59"E
1078.29'
25.37'
33.83'
S10°35'46"E
BRL
EkC2
EkB2
EtC2



Vicinity Map
Scale: 1"=2000'



ıereon comply's with
n ownership width
s as required by the
ıte Department of
ent.

test holes have been
ed.

:notes passed test hole

:notes failed test hole

Note: All wells and septic systems within 100 feet of property are shown.

rtion

lt Loam, 3-8% Slopes, Mod. eroded
oam, 8-15% Slopes, Mod. eroded

Soils Map #4.

TO: HAROLD BERNADZIKOWSKI → 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

4

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 then 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 excellarated 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.

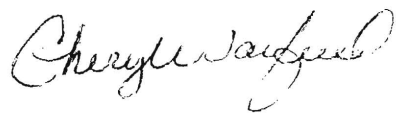
My well, approximately 10 ft from the property line, on which the use-in-common driveway easement will be located, has water at 30 ft. I am concerned that the runoff from this use-in-common driveway easement will contaminate my well. The well is located on my property as stipulated by the Howard County 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



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 convenants 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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