

CONVENTIONAL TRENCH SEPTIC SPECIFICATIONS WORKSHEET

PROPERTY ID: _____ TAX MAP: _____ A _____

STREET NAME: _____ PARCEL #: _____ LOT NUMBER _____

AVERAGE PERCOLATION RATE: _____ SQUARE FEET PER BEDROOM _____

NUMBER OF BEDROOMS: _____ LINEAR FEET OF TRENCH PER BEDROOM _____

TOTAL LINEAR FEET OF TRENCH _____ SEPTIC TANK CAPACITY: _____

TOP SEAMED TANK REQUIRED? YES NO

COMPARTMENTED TANK REQUIRED? YES NO

TRENCH DESIGN: Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: YES NO

PUMPED SEPTIC SYSTEM DETAIL: _____ gallon pump chamber

YES NO top sealed pump chamber required?

LOCATION:

ADDITIONAL NOTES:

REVIEWER: _____

DATE: _____



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

October 27, 2000

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

RE: **Request for offsite septic easement**
Holly Hills, Sect. II, Lot #16
Sang Road

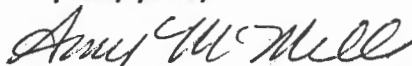
Dear Mr. Hikmat:

I am writing this in response to your letter dated October 12, 2000 to Mr. Jerry Rushing, Patuxent Builders. I regret to inform you that since the particulars of the situation were not clearly expressed during our conversation, I was in error when I stated that it was possible to put a septic easement on an adjacent lot in this circumstance.

The potential for an offsite septic easement only exists if the lot(s) in question are existing lots of record that were "legally established without Department of Health and Mental Hygiene approval before November 18, 1985." (Code of Maryland Regulation 26.04.02.02B)

I apologize for any inconvenience this misinterpretation of your situation may have caused. If you have any other questions, please contact me at the address below or by calling (410) 313-2640.

Very truly yours,


Amy Mc Millen, Program Director
Water and Sewerage Program

ALM/dkc

Cc: file

 **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

October 12, 2000

Mr. Jerry Rushing
Patuxent Builders
3330 Sang Road
Glenwood, MD 21738

RE: Septic Easement (fields) offsite

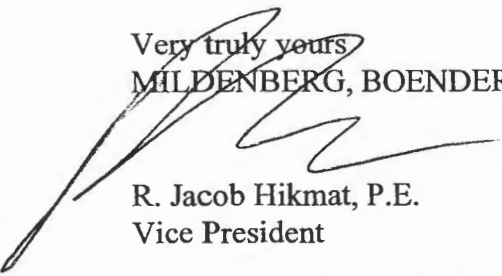
Dear Mr. Rushing:

As requested, I called Ms. Amy McMillen of Howard County Health Department regarding their policy on locating the septic easement (fields) on adjacent properties. She stated that their policy is as follows:

If the two parcels or lots are recorded, the Health Department will have no objection to the location of the fields and easement on adjacent lots. No waiver is required from the Health Department.

We appreciate the opportunity to be of service. Should you have any questions or comments, please do not hesitate to call.

Very truly yours
MILDENBERG, BOENDER AND ASSOCIATES, INC.


R. Jacob Hikmat, P.E.
Vice President

cc: Amy McMillen

c:jacob\septic

10/12/00
10:21 AM

O MG

APPLICATION

PERCOLATION TESTING

A 50619

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4/2/95

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 WAYNE NEWSOME

ADDRESS P.O. BOX 39, COLUMBIA, MD 21045 PHONE (410) 792-2100

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HOLLY HILLS ESTATES LOT NO. NEW LOT 10

ROAD AND DESCRIPTION PROPERTY HAS APPROX. 75' OF FRONTAGE ON BURNWOODS ROAD - 21 LOT (17 NEW SFD'S) SUBDIVISION WITH EXTENSION OF SANG ROAD

TAX MAP 14 PARCEL # 92

SIZE OF LOT LOT 10: 41,200 SQ FT TYPE BLDG. SFD
(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.

Stephanie Demchuk
(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 _____

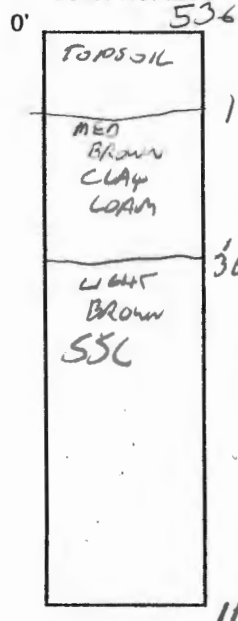
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A-50619

COUNTY #

SOIL PROFILE



535

TOPSOIL

MED BROWN CLAY LOAM

RED BROWN CLAY LOAM

TAN FINE SILTY CLAY

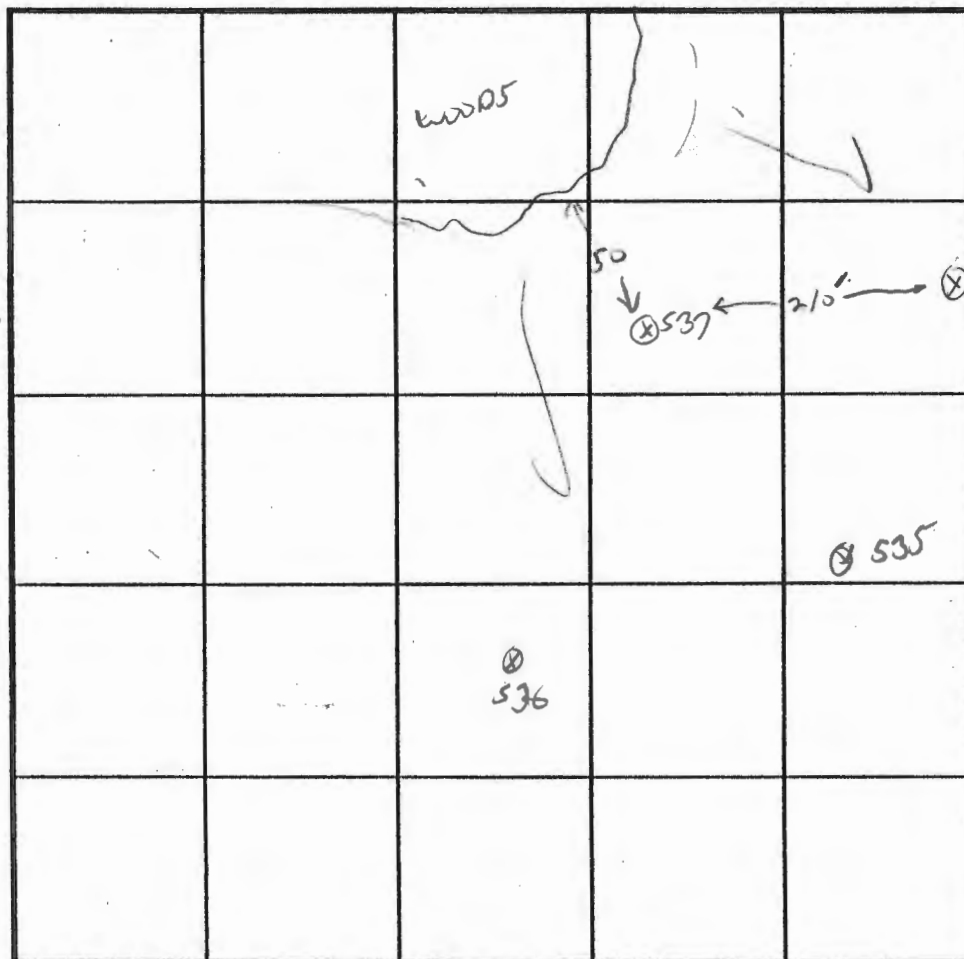
ROCK

533

TOPSOIL

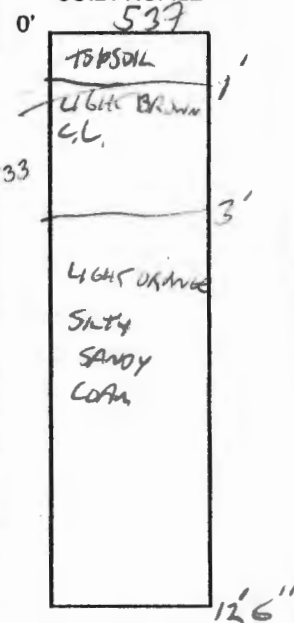
RED BROWN CLAY LOAM

MIXED YELLOW AND RED SANDY SILT LOAM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/2/95	536	4'	12:54	12:55	12:58	12:59	4 min
		7'	12:54	12:56	12:56	12:59	3 min
	537	4'	1:06	1:15	1:15	1:30	15 min
	535	4'	2:27	FAIL	NO MOVEMENT		
		7.5'	1:57	1:58	1:58	2:00	2 min
	533	4'	2:15	2:26	2:26	2:38	12 min
		6'	2:15	2:18	2:18	2:22	4 min
	535	4'	2:35	FAIL	NO MOVEMENT		
		5'6"	2:42	3:00	3:00	FAIL	TEST STOPPED

REMARKS 1' ROCKS IN TOP 2' ABOVE 537 ($\pm 20\%$)

TYPE OF SOIL

TESTED BY GLEN SAUAGE

ALSO PRESENT WILL HOPKINS - CONTRACTOR & SHANE ANNA OGDEN - LANDSCAPE

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

1508 SEMI HARD SAPROLITE VENTS

Swire

COUNTY #

534

Topsoil

MED BIL
C.L.

LICK
REO/AN
SILKY
SMOY
LEAM

TOPSOIL

RED BROWN
in my writing

PALE TAN
BR

SAPOBY
MICALON

Top 500

RED BROWN
CLAY LUTITE

GREYISH
PINK
MIC.
SANDY
SILT
COAR

541

topsoil

RED BROWN
CLAY SILT

YELLOW
BROWN
SILTY SAND
LOAM

EVIDENCE
TABLE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/2/195	534	3'	3:04	3:06	3:20	3:10	4 MW
	535	6'	3:32	3:36	3:36	3:45	9 MW
	541	4' 4"	4:19	4:21	4:21	4:28	7 MW
	539	4'	4:27	4:32	4:32	4:40	8 MW
	538	4'	4:49	4:50	4:50	4:52	2 MW
		16"	4:44	4:45	4:45	4:51	6 MW

REMARKS #534 - SOME WATER TYPE EVIDENCE AROUND IT, 541 BOTTLES AROUND 9-10

TYPE OF SOIL

TESTED BY GLEN SAVAGE

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

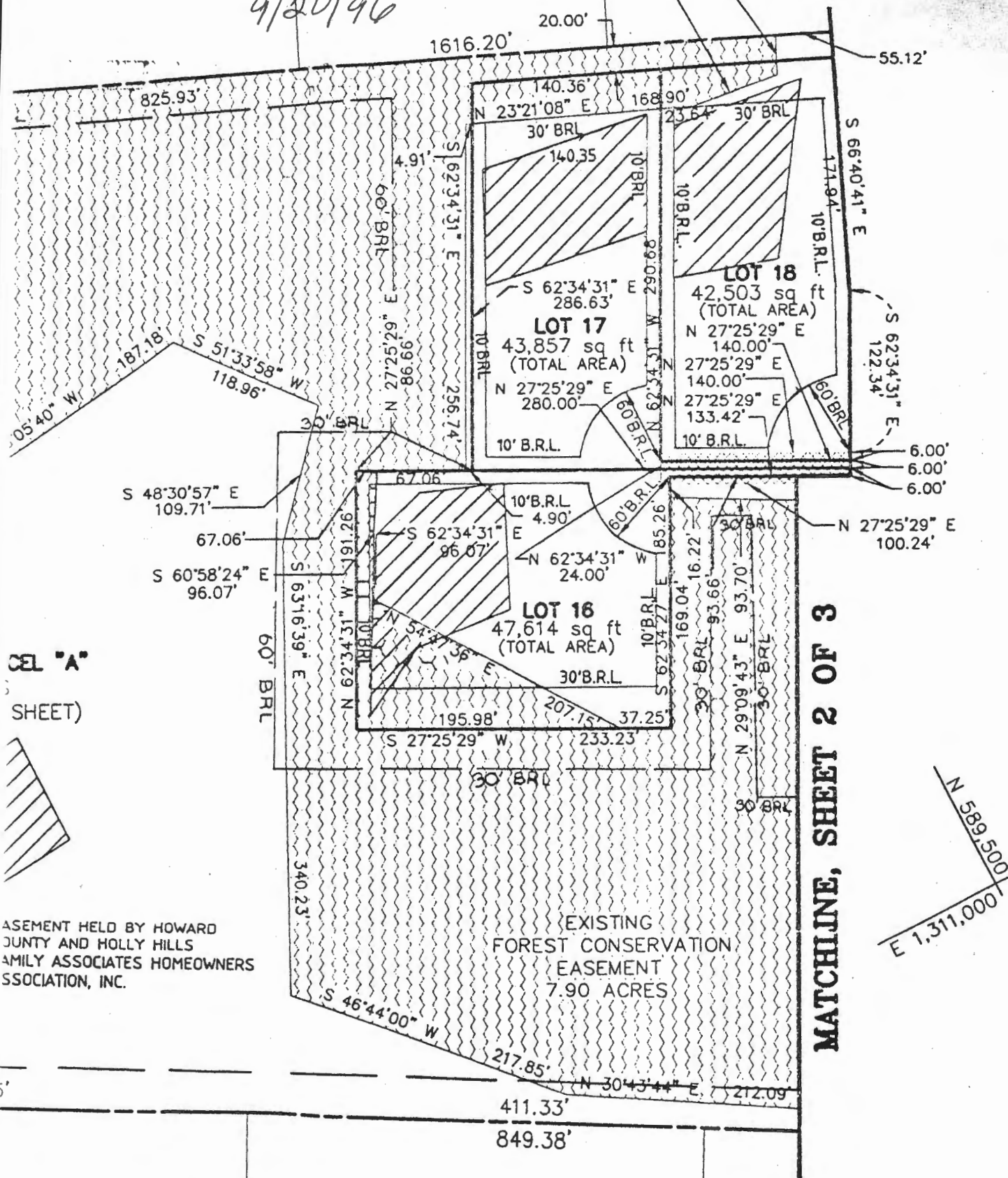
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

LOT 9 F-96-101
9/20/96

S 64°46'30" E 30.64'
N 06°52'12" E 66.88'



CEL "A"
SHEET)

EASEMENT HELD BY HOWARD
COUNTY AND HOLLY HILLS
FAMILY ASSOCIATES HOMEOWNERS
ASSOCIATION, INC.



**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

October 19, 2000

Ms. Amy McMillen
Howard County Health Department
3525 Ellicott Mills Drive, Suite H
Ellicott City, MD 21043

RE: Holly Hills, Section II, Lot 16
Perc Certification Plat

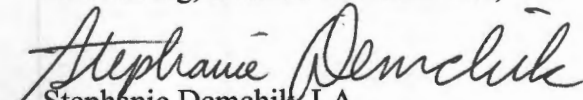
Dear Ms McMillen :

On behalf of our client, R. Wayne Newsome, we are enclosing a perc certification plat for your review and approval. The purpose of this plat is to locate a suitable septic easement on the preservation parcel A for the benefit of lot 16. This new location of the septic easement is needed to provide a more flexible area for the construction of the house on lot 16.

Please note that both lots are recorded and both have approved septic areas. Please also note that the new septic easement is being located on previously tested and passed perc holes (a copy of approved perc certification plat is included with the area shown red for your convenience).

Thank you for your time and consideration. Should you have any questions or comments concerning this matter, please feel free to contact our office.

Very truly yours,
Mildenberg, Boender & Associates, Inc.

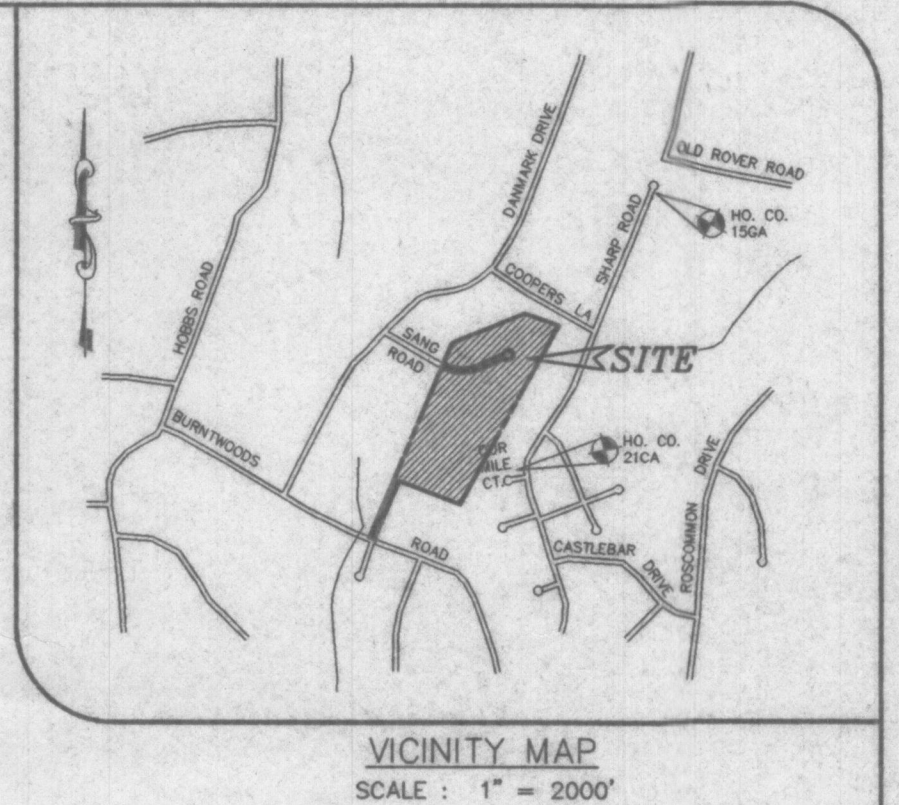

Stephanie Demchik, LA
Project Manager

cc: R. Wayne Newsome

sjd

F:\94029\WP\029-100.hd.wpd

NOTE : THE PURPOSE OF THIS PLAN IS TO SHOW THE REVISED LOCATION OF THE SEPTIC EASEMENT FOR PRESERVATION PARCEL B (FORMERLY LOT 16) AND SHOW EXISTING SEPTIC EASEMENT FOR LOT 24 (FORMERLY PRESERVATION PARCEL A).



Project	date
94029	JAN 2001
Illustration	engineering
SID	SID
scale	approval
1"=100'	RH

no.	description	revisions

HOLLY HILLS, SECTION I & II
A RESUBDIVISION OF LOT 4, HOLLY HILLS ESTATES
TAX MAP 14 - PARCEL 92
FOURTH ELECTION DISTRICT
AMENDED PERC CERTIFICATION PLAT

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0236 Fax: (301) 621-5521 Wash. (410) 997-0238 Fax

GENERAL NOTES

- ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVER(S) HAVE BEEN APPROVED.
- PROJECT BACKGROUND:
Location: North of Burntwoods Road and 1800 feet West of Sharp Road
Zoning: RR-DEO Tax Map: 14 Parcel: 92 Block: 24
Total Tract Area: 37.12 Acres
Lot Areas: 36.16 Acres Right-of-Way Area: 0.96 Acres
Number of Proposed Lots: 20 Lots; 18 buildable lots and 2 open space lots
The gross subdivision area yields an allowable density of 8 lots.
Open Space Required: 9.28 acres Open Space Provided: 9.28 acres
This plan is subject to WP-94-130 approved August 17, 1994, for the creation of Lots 1 through 4 (T-85-81, Plat # 6196), waiving the following Subdivision and Land Development Regulations:
16.102.B.3 Waiver allows the recordation of three (3) proposed lots omitting the residue.
16.113.F.7 Waiver allows direct access to a major collector, Burntwoods Road, for three (3) proposed lots.
16.121.B.2.a(3) Waiver allows final plat to be prepared at a scale of 1" = 200 feet.
This plan is also subject to S-95-11 approved March 15, 1995 and P-96-02 approved August 15, 1995.
- TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPOGRAPHIC MAPS.
- WATER AND SEWER IS TO BE PRIVATE.
- THE SITE HAS NO EXISTING UTILITIES.
- NO WETLANDS, FLOODPLAINS, OR STEEP SLOPES EXIST ON SITE.
- REQUEST FOR EXEMPTION FROM STORMWATER MANAGEMENT FOR ALL LOTS HAS BEEN APPROVED.
- STORMWATER MANAGEMENT IS PROVIDED FOR THE ROAD ONLY. THE STORMWATER MANAGEMENT TYPE IS INFILTRATION.
- STORMWATER MANAGEMENT WILL BE PUBLIC.
- THE PRESERVATION PARCEL IS TO BE UTILIZED FOR AGRICULTURAL USE. CLUSTER LOT LAYOUT WILL MINIMIZE THE DISTURBED AREAS AND MINIMIZE THE IMPACT ON THE PRESERVATION PARCEL.
- GEOTECHNICAL REPORT PREPARED BY HILLIS-CARNEY ENGINEERING ASSOCIATES INC. ON JUNE 13, 1995.
- TO THE BEST OF OUR KNOWLEDGE, ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN.
- SOILS SHOWN HEREON WERE BASED ON THE HOWARD COUNTY SOIL SURVEY MAPS.

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

Drew M. Mott
HOWARD COUNTY HEALTH OFFICER
1/16/01
DATE

LOT NO.	LOT AREA
LOT 5	43,761. sq. ft.
LOT 6	40,412. sq. ft.
LOT 7	40,303. sq. ft.
LOT 8	41,834. sq. ft.
LOT 9	55,339. sq. ft.
LOT 10	59,390. sq. ft.
LOT 11	48,869. sq. ft.
LOT 12	40,376. sq. ft.
LOT 13	48,195. sq. ft.
LOT 14	47,436. sq. ft.
LOT 15	43,857. sq. ft.
LOT 17	43,857. sq. ft.
LOT 18	42,503. sq. ft.
LOT 19	41,451. sq. ft.
LOT 20	40,025. sq. ft.
LOT 21	40,128. sq. ft.
LOT 24	47,614. sq. ft.

LEGEND

- DENOTES 15% TO 25% SLOPES
- DENOTES 10' TREE MAINTENANCE EASEMENT
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 EASEMENTS. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- DENOTES A PROPOSED WELL
- DENOTES A FIELD LOCATED PERC HOLE THAT PASSED
- DENOTES A FIELD LOCATED PERC HOLE THAT FAILED

HEALTH DEPARTMENT NOTES

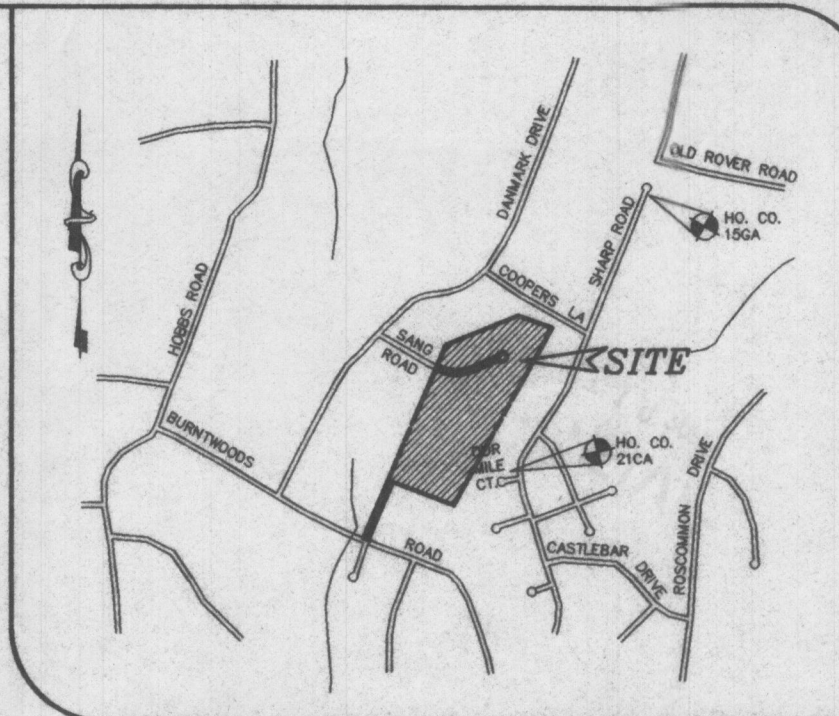
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
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- ALL SEWERAGE EASEMENTS LOCATED WITHIN 50 FEET OF THE PROPOSED ROADWAY MUST BE STAKED OUT PRIOR TO SITE GRADING. GRADING OPERATIONS MUST BE SUPERVISED BY THE APPLICANT TO INSURE NO GRADING TAKES PLACE WITHIN 20 FEET OF THE SEWERAGE EASEMENT WITHOUT PRIOR NOTIFICATION TO THE HOWARD COUNTY HEALTH DEPARTMENT.
- THE APPLICATION FOR GROUND WATER APPROPRIATIONS PERMIT APPROVED PER APPLICATION # H0950015(01).

SOILS DESCRIPTION

CHA : CHESTER SILT LOAM, 0-3% SLOPES
CHB2: CHESTER SILT LOAM, 3-8% SLOPES, MOD. ERODED
CG2: CHESTER GRAVELLY SILT LOAM, 3-8% SLOPES, MOD. ERODED
CGC2: CHESTER GRAVELLY SILT LOAM, 8-15% SLOPES, MOD. ERODED
GNA : GLENELG LOAM, 15-25% SLOPES, SEVERELY ERODED

OWNER
R. WAYNE NEWSOME
P.O. BOX 39
COLUMBIA, MD 21045
Phone: (410) 792-2100

NOTE : THE PURPOSE OF THIS PLAN IS TO SHOW THE REVISED LOCATION OF THE SEPTIC EASEMENT FOR LOT 16.



VICINITY MAP
SCALE : 1" = 2000'

date	project	illustration	scale	revision
OCT 2000	94029	illustration	1"=100'	1

date	description	revision

HOLLY HILLS, SECTION I & II
A RESUBDIVISION OF LOT 4, HOLLY HILLS ESTATES
TAX MAP 14 - PARCEL 92
FOURTH ELECTION DISTRICT
PERC CERTIFICATION PLAN

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

HOWARD COUNTY HEALTH OFFICER DATE

LOT AREA TABLE

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