

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT _____

DATE 8/17/00

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 CROPPER, FROCK, LILLY AND BRANDE

C/O TRINITY QUALITY HOMES INC

ADDRESS 7320 GEORGE DRIVE PHONE (410) 977-3082

Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES, INC

ADDRESS 7320 GEORGE DRIVE PHONE (410) 977 3082

Columbia MD 21044

PROPERTY LOCATION:

SUBDIVISION CASTLEBERRY AT TEU OAKS LOT NO. 7

ROAD AND DESCRIPTION TEU OAKS ROAD

TAX MAP 28 PARCEL # 551, 90, 60

SIZE OF LOT 40,000 - 60,000 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.

Michael P. Pfaus (P)
(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

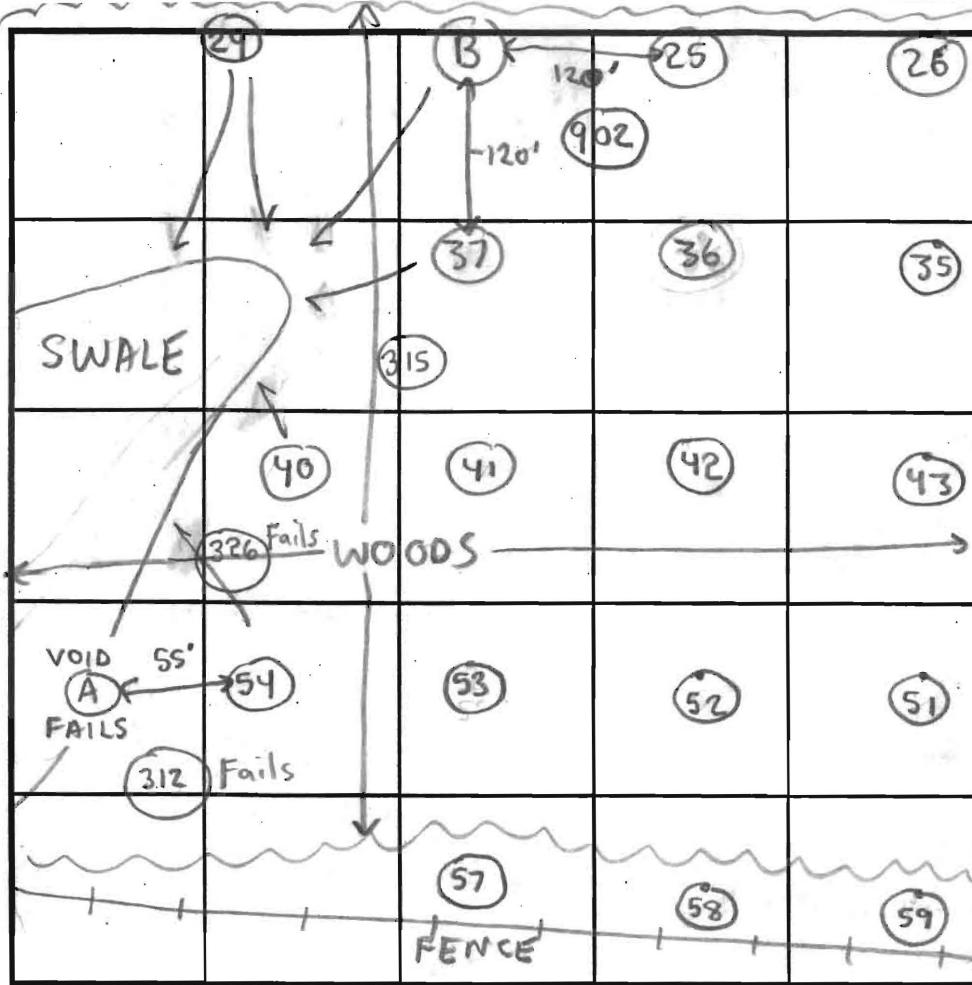
COUNTY #

SOIL PROFILE

0'	57
4"	Topsoil
	red-brown clay
3'	red-brown clay loam
5'	red-brown loam
13'	5% Saprolite SCHIST

4"	42
	Topsoil
	red-brown clay
3'	red-brown clay loam
5'	red-brown loam
14'5"	5% Saprolite SCHIST

4"	36
	Topsoil
	red-brown clay
3'	red-brown clay loam
5'	red-brown loam
14'	5% Saprolite SCHIST



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

NOT TO SCALE

SOIL PROFILE

0'	53
4"	Topsoil
	red-brown clay
4'	orange-brown clay loam
6'	red-brown loam
	micaceous
	5% Saprolite SCHIST
14'	

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
10/24/00	57	13' V	(SEE SOIL PROFILE)				OK	OK
	42	5' T 14'5" V	12:55 pm	12:56 pm	12:56 pm	12:58 pm	2 min	OK
	B	5' T 13' V	1:34 pm	1:37 pm	1:37 pm	1:42 pm	5 min	OK
	L	(SEE SOIL PROFILE FOR 57)					OK	
	36	5'5" T 14' V	(SEE SOIL PROFILE)				OK	OK
	53	5' T 14' V	2:15 pm	2:36 pm	2:36 pm	3:08 pm	32 min	FAILS
	Redig	5' T	3:10 pm	3:13 pm	3:13 pm	3:21 pm	8 min	OK

REMARKS

Clay layer variable (No adjustment of SDA downhill without wet season tests)

TYPE OF SOIL

Chester & Glenelg

TESTED BY

SRK - Robert Fyock - Backhoe

ALSO PRESENT

Tim Keane

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

13'5"

NOT TO SCALE

COUNTY #

SOIL PROFILE

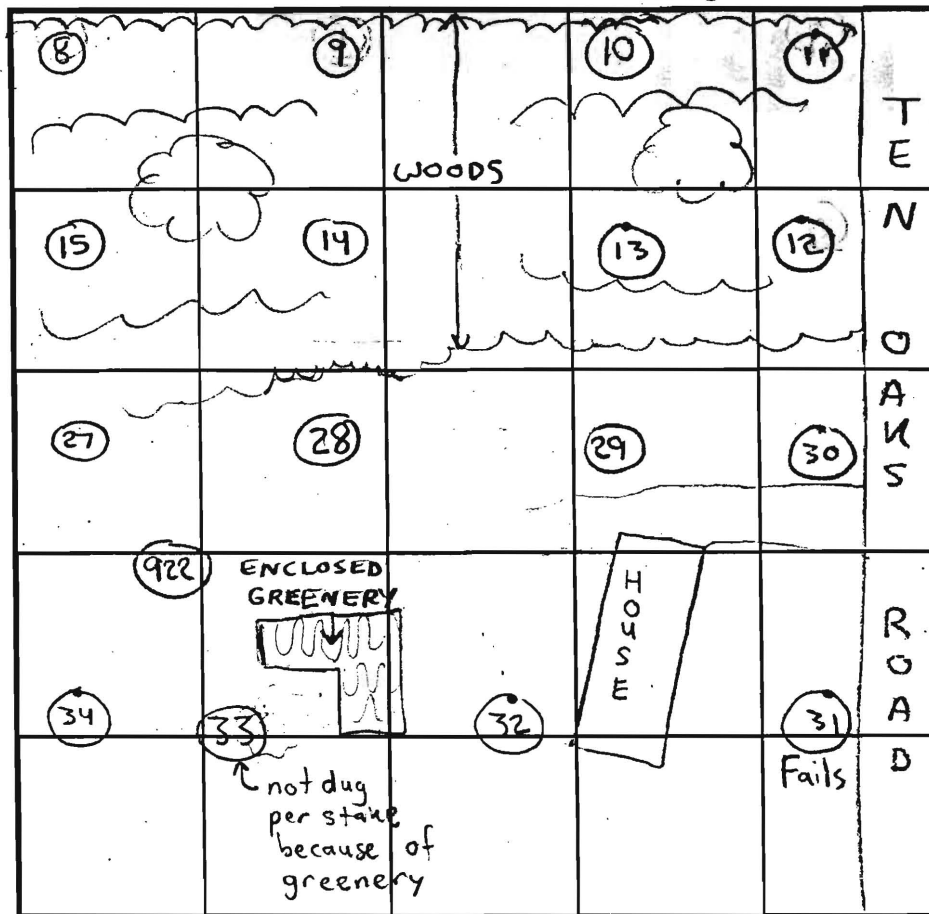
0' 29
3 1/4" Topsoil
red-brown clay
3 5/8" red-brown clay loam
4 1/8" red-brown silty loam
greasy feel
7 5/8" black pockets of saprolite
10-15% massive structure
12'

28

3-4" Topsoil
orange-brown clay
4 1/8" red-brown silty loam
5% saprolite
SCHIST
12 5/8"

27

4" Topsoil
orange-brown clay
5 5/8" red-brown silty loam
(fine) sandy
lm
0-5% SCHIST
13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 25
4 5/8" Topsoil
red-brown clay
4 5/8" red-brown clay loam
5 5/8" red-brown silty clay loam
less than 5% saprolite
13 5/8" 922
red-brn clay lm
5 5/8" red-brn sandy lm
0-5% RE
14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/24/00	29	4 5/8" T 12' V	10:03am	10:10am	10:10am	10:20am	10min	OK
	28	12 5/8" V	(SEE	SOIL	PROFILE)		OK	OK
	27	5' T 13' V	10:31am	10:48am	10:48am	11:18am	30min	OK
	25	6' T 13 5/8" V	11:20am	11:23am	11:23am	11:29am	6min	OK
	37	13' V	(SEE	HOLE	25)		OK	OK
4/10/02	922	14' V	(VISUAL	OK	SEE SOIL		NA	OK
NOT MEANT AS A WET SEASON TEST								

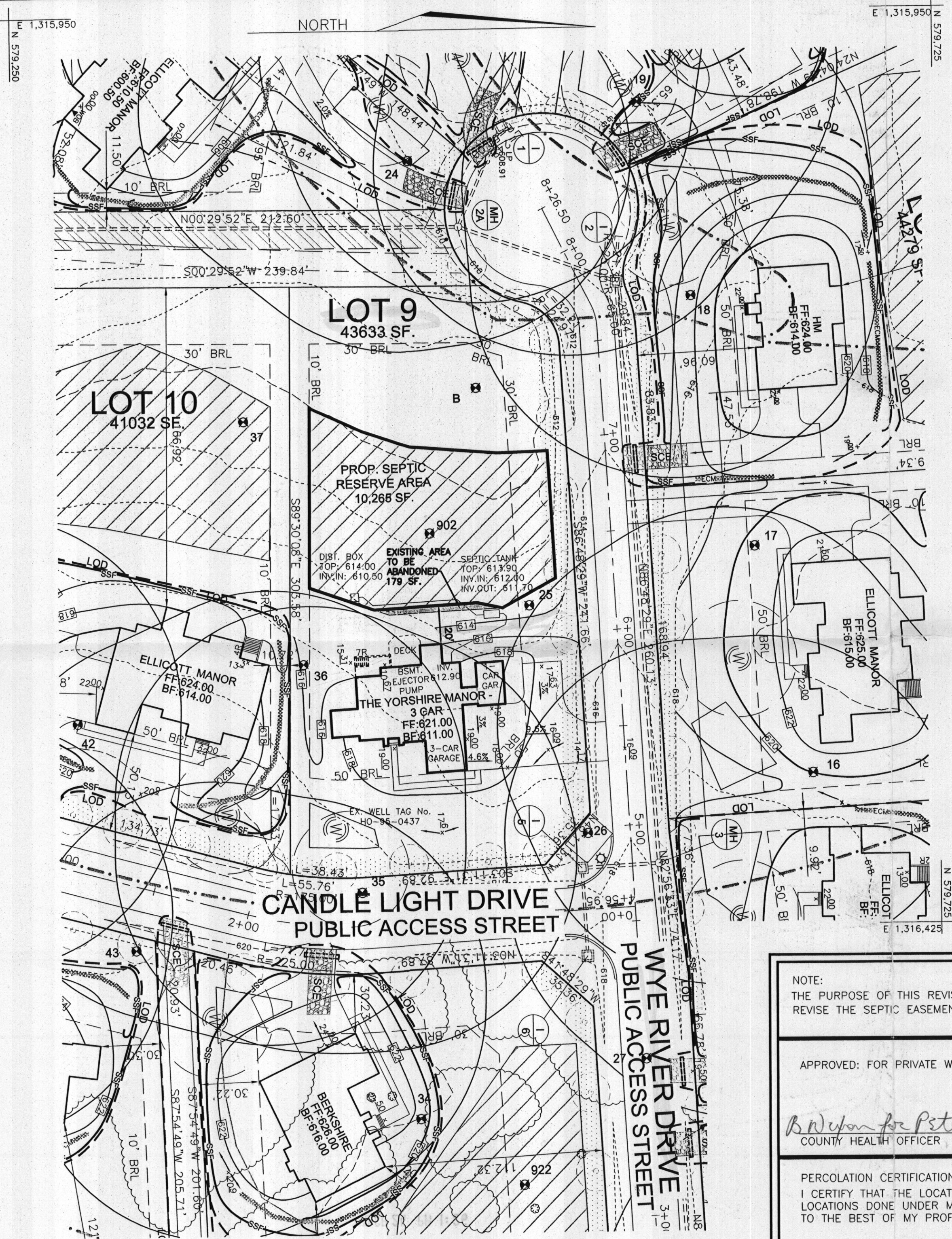
REMARKS Clay layer variable

TYPE OF SOIL (Chester & Glenelg) on 10/24/00

TESTED BY SRK Chops Atkins - Postville Robert Fyfe - Backhoe ALSO PRESENT Tim Keane

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM



LEGEND

- EXISTING CONTOUR 382 380
- EXISTING TREES TO REMAIN
- SOIL BOUNDARY
- PASSED PERC. TEST
- FAILED PERC. TEST
- PREVIOUS PASSED PERC. TEST
- EXISTING WELL
- PROPERTY LINE
- PREVIOUSLY APPROVED SEPTIC AREA
- REVISED SEPTIC AREA
- AREA TO BE ABANDONED

GENERAL NOTES:

1. THE PROPERTY OUTLINE IS BASED ON A BOUNDARY SURVEY PREPARED BY FREDERICK WARD ASSOC., DATED NOVEMBER 2002.
2. THE TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL TOPOGRAPHIC SURVEY PREPARED BY POTOMAC AERIAL SURVEYS.
3. WELLS HAVE BEEN DRILLED AND FIELD LOCATED FOR LOT 9 (TAG # HO-95-0437).
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
6. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

THIS AREA DESIGNATES A MINIMUM 10,000 SQ FT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

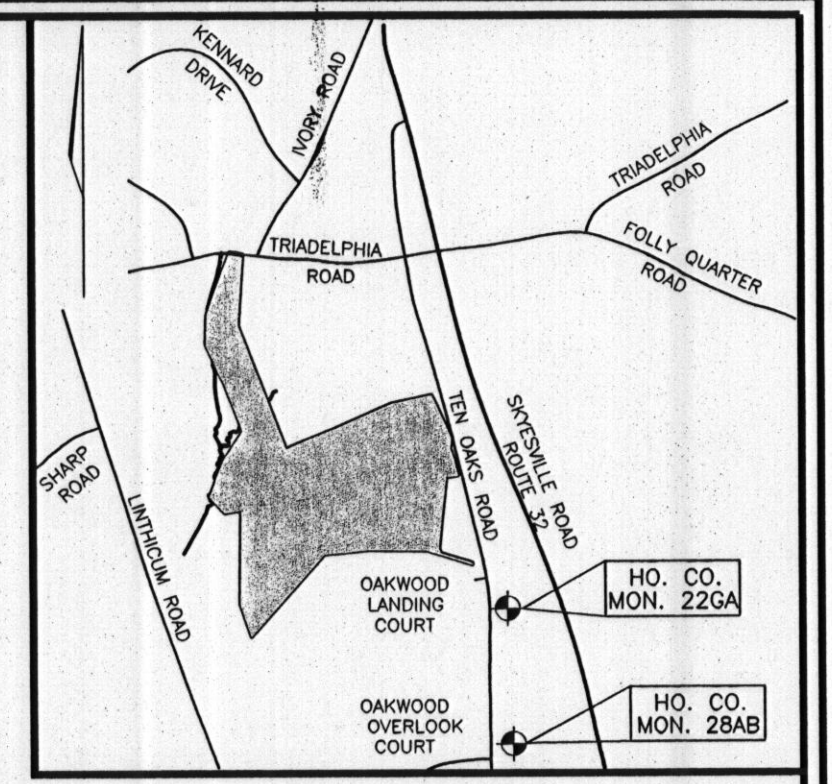
NOTE:
THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE SEPTIC EASEMENT FOR LOT 9.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM ON LOT 9.

B. Wilson for Peter B. Silen 9/30/2010
COUNTY HEALTH OFFICER DATE

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

Thomas M. Hoffman, Jr. 9.22.10
THOMAS M. HOFFMAN, JR. DATE
LAND SURVEYOR No. 267



VICINITY MAP
SCALE: 1"=2000'

OWNER

HELEN L. FYOCK CASTLEBERRY AT TEN OAKS, L.L.C.
ROBERT E. FYOCK 3675 PARK AVENUE, SUITE 301
P.O. BOX 56 ELLICOTT CITY, MARYLAND 21043
GLENELG, MARYLAND (410) 740-9401

DEVELOPER

CASTLEBERRY AT TEN OAKS, L.L.C.
3675 PARK AVENUE, SUITE 301
ELLICOTT CITY, MARYLAND 21043
(410) 740-9401

REVISED PERCOLATION CERTIFICATION PLAN

CASTLEBERRY AT TEN OAKS
LOT 9

TAX MAP 22 PARCEL 60, LOTS 6 & 7 KEN WARFIELD
5TH ELECTION DISTRICT SUBDIVISION, AND P/O PARCEL 90
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET TEL: 410.461.7666
ELLICOTT CITY, MD 21043 FAX: 410.461.8961

DESIGN BY: CJO
DRAWN BY: HS
CHECKED BY: RHV
DATE: SEPTEMBER 2010
SCALE: 1"=40'
W.O. NO.: 00-85

