

# 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 CORREITER, FROOK, LILLY AND BRANDE

C/O TRINITY QUALITY HOMES INC

ADDRESS 7320 GRACE DRIVE PHONE (410) 977-3082

Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES, INC

ADDRESS 7320 GRACE DRIVE PHONE (410) 977 3082

Columbia MD 21044

PROPERTY LOCATION:

SUBDIVISION CASTLEBERRY AT TEN OAKS LOT NO. 3736

ROAD AND DESCRIPTION TEN 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. Pfan (Pua)  
(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

NOT TO SCALE

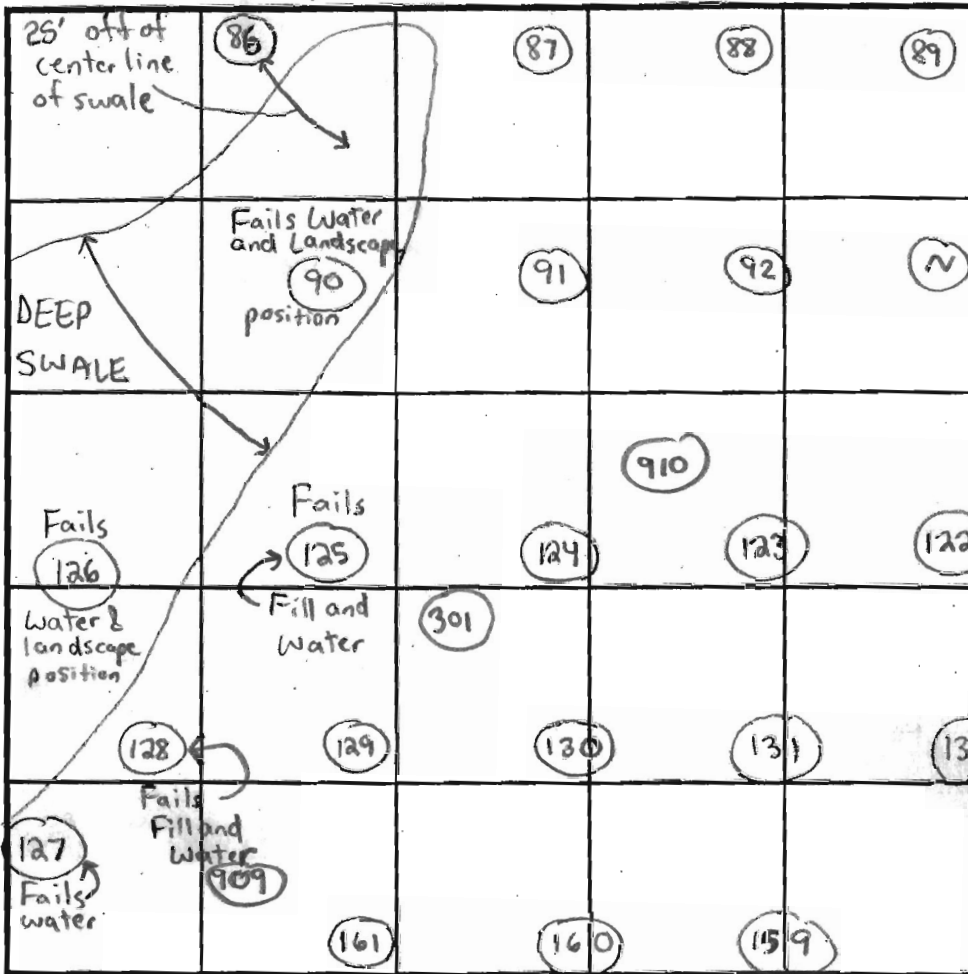
COUNTY #

SOIL PROFILE 91

0'	Topsoil
4"	orange-brown clay
3'	orange-brown clay loam
4'	tan loam
10-20%	Saprolite
13'	SCHIST

88	Topsoil
2"	red-brown clay
3'	orange-brown clay loam
5'	tan loam
10-15%	Saprolite
13'	SCHIST

89	Topsoil
4"	Orange-brown clay
4'6"	orange-brown clay loam
5'6"	tan loam
5-10%	Saprolite
13'	SCHIST



SOIL PROFILE 92

0'	Topsoil
3"	red-brown clay
4'	tan-brown loam
20-30%	Saprolite
13'	SCHIST
910	DK BROWN TOPSOIL
4'	RD BROWN MICACEOUS SILT LOAM
2'	LT BROWN MICACEOUS SANDY LOAM
15'6"	0-5% ROCK FRAGMENTS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/22/00	91	4'10" / 13'V	12:17pm	12:18pm	12:18pm	12:21pm	3min	OK
	88	13'V	(SEE SOIL PROFILE)				OK	OK
	89	4'10" / 13'V	1:35pm	1:40pm	1:40pm	1:50pm	10min	OK
	92	13'V	(SEE SOIL PROFILE)				OK	OK
	123	13'V	(SEE SOIL PROFILE FOR 92)				OK	OK
4/10/02	910	3' / 15'6"V	11:19pm	11:23pm	11:23pm	11:28pm	5min	OK

REMARKS: NOT MEANT AS A WET SEASON TEST

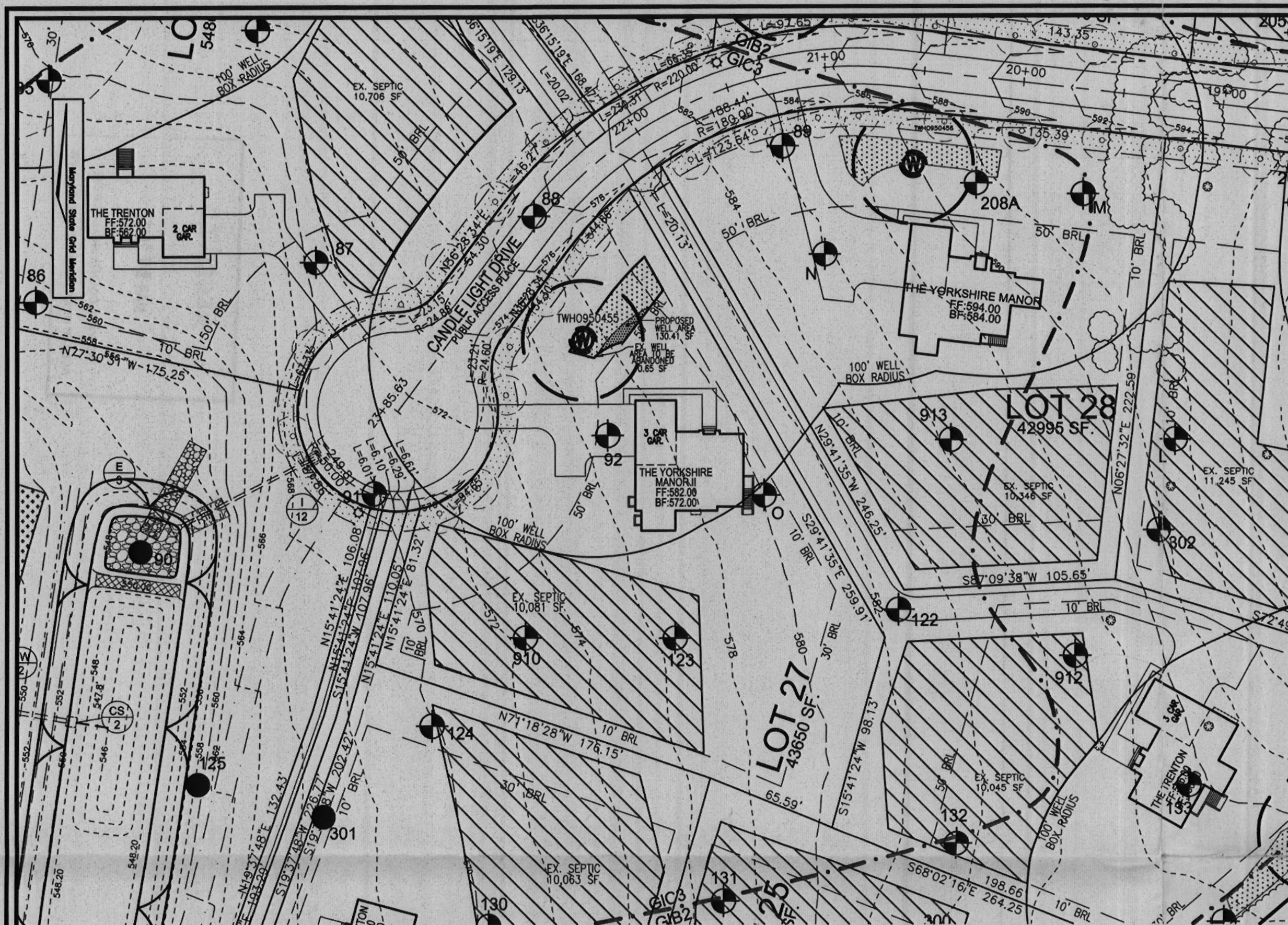
TYPE OF SOIL: Glenelg 11/22/00 4/10/02 Frank Alfonso = 4/10/02

TESTED BY: SRK Chops Adams, John Spain - Posthole 11/22/00 ALSO PRESENT Jack Fyock

Robert Fyock = Backhoe on 4/10/02

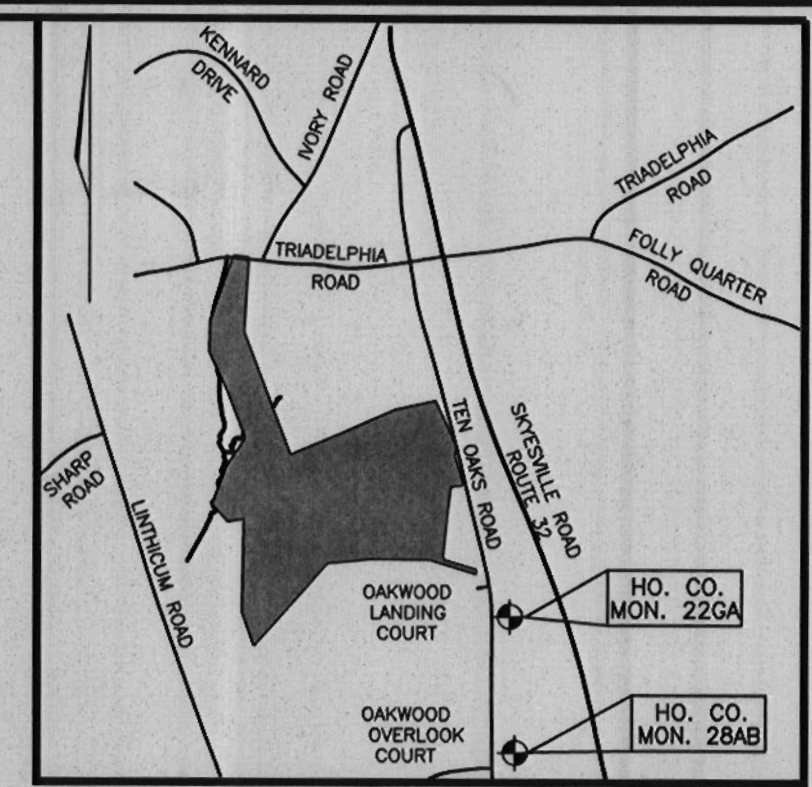
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

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



**LEGEND**

- EXISTING CONTOUR
- EXISTING TREES TO REMAIN
- SOIL BOUNDARY
- PROPERTY LINE
- PASSED PERC. TEST
- FAILED PERC. TEST
- EXISTING WELL FIELD LOCATED
- APPROVED WELL AREA
- PROPOSED WELL AREA
- APPROVED WELL AREA TO BE ABANDONED
- APPROVED SEPTIC AREA
- 10' PUBLIC TREE MAINTENANCE EASEMENT



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

ADC MAP: 4813, A9-A10, B9-B10, C9-C10

**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. ALL EXISTING WELLS SHOWN HEREON HAVE BEEN FIELD LOCATED.
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.

**OWNER**

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

**DEVELOPER**

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

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChA	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES	B
ChB2	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES	B
GIB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B
GIC2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B
GIC3	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B

NOTE: HOWARD SOIL SURVEY PAGE 17.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A REVISED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

NOTE:  
THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE WELL ENVELOPE ON LOT 27 IN ORDER TO CREATE THE MINIMUM CLEARANCE REQUIRED BETWEEN THE PROPOSED HOUSE AND THE WELL ENVELOPE

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.*  
THOMAS M. HOFFMAN, JR.  
LAND SURVEYOR No. 267  
3.27.13  
DATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM.  
*Maureen Roseman*  
Maureen Roseman  
COUNTY HEALTH OFFICER  
4/5/2013  
DATE

**REVISED PERCOLATION CERTIFICATION PLAN**

**CASTLEBERRY AT TEN OAKS  
LOT 27**

TAX MAP 22  
5TH ELECTION DISTRICT

PARCEL 60, LOTS 6 & 7 KEN WARFIELD  
SUBDIVISION, AND P/O PARCEL 90  
HOWARD COUNTY, MARYLAND

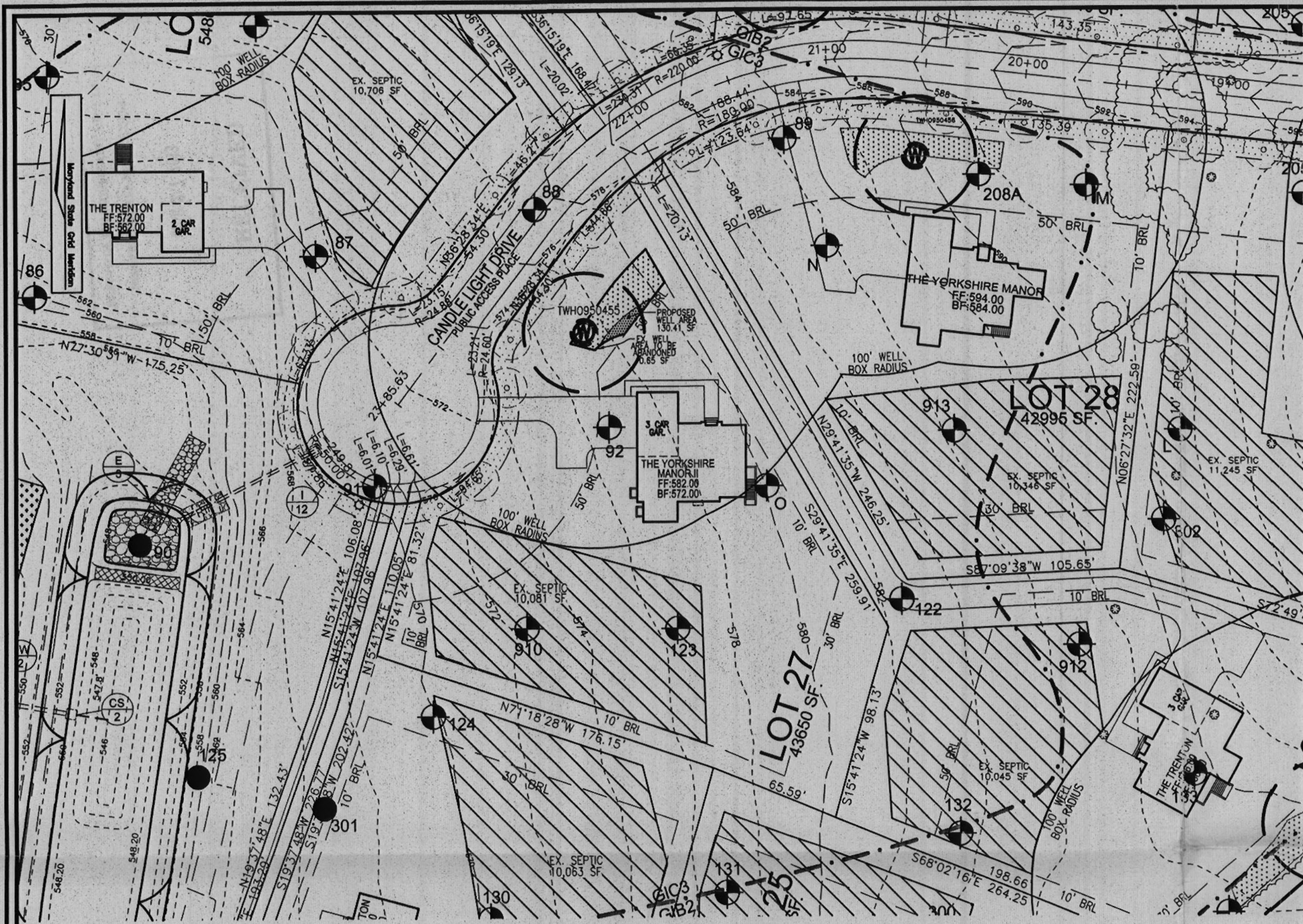
**ROBERT H. VOGEL ENGINEERING, INC.**  
ENGINEERS • SURVEYORS • PLANNERS  
8407 MAIN STREET  
ELLCOTT CITY, MD 21043  
TEL: 410.461.7666  
FAX: 410.461.8961

DESIGN BY:            RHV  
DRAWN BY:            JMR  
CHECKED BY:            RHV  
DATE:            MARCH, 2013  
SCALE:            1"=50'  
W.O. NO.:            2017085

PROFESSIONAL CERTIFICATE  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16193  
EXPIRATION DATE: 09-27-2014

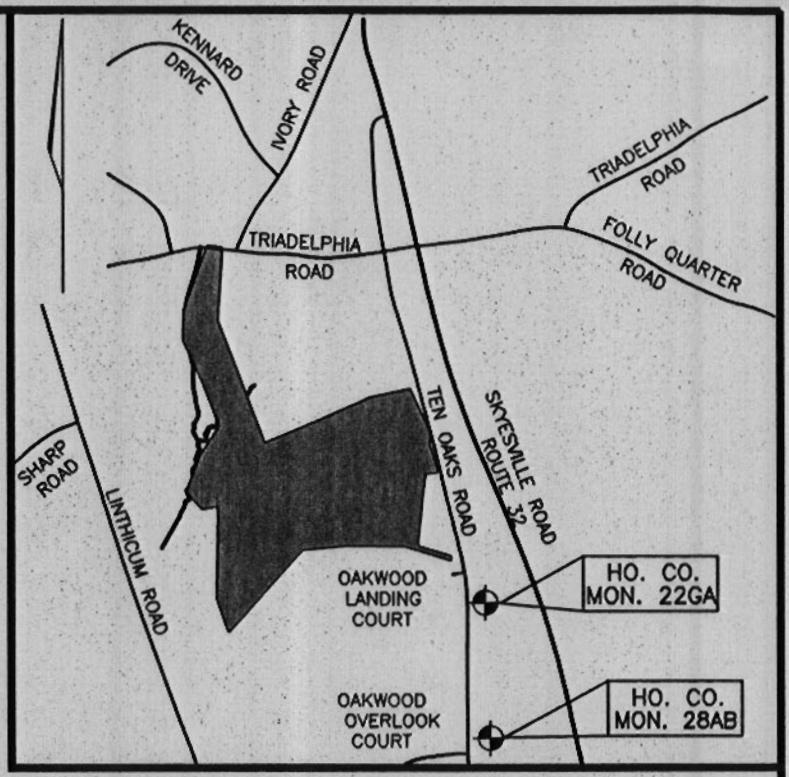
1 SHEET OF 1

ROBERT H. VOGEL, PE No.16193



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THOMAS M. HOFFMAN, JR.  
LAND SURVEYOR No. 267  
DATE: 3.27.13

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*B. Wilson for Maura Rossman*  
COUNTY HEALTH OFFICER  
DATE: 4/5/2013

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LOT 27**

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