

APPLICATION

PERCOLATION TESTING

A 515'042

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

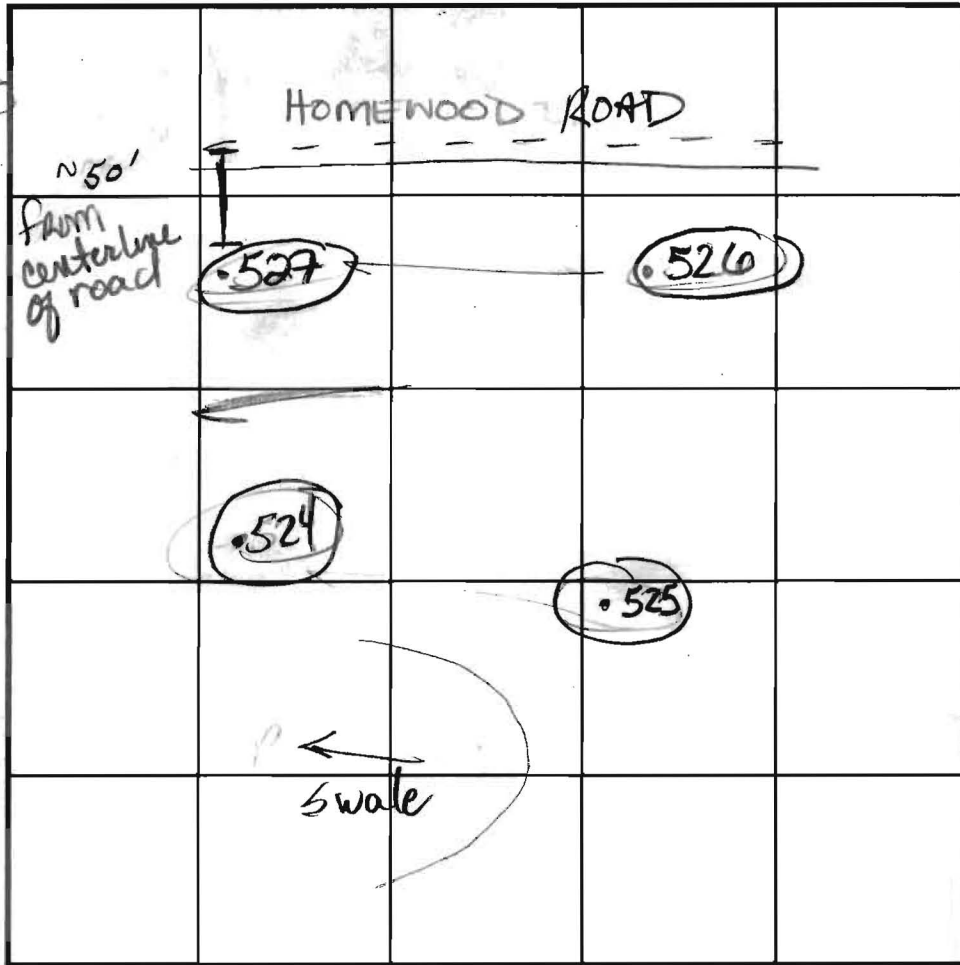
COUNTY #

SOIL PROFILE

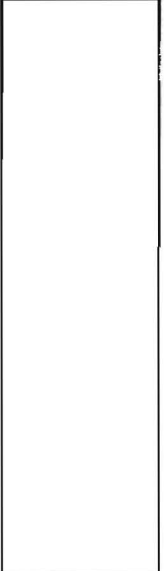
524/525

0' TOPSOIL
 6" H tan yellow brn Loam
 5' Light beige off white grey Lt org brn SA Lm Rock < 15% Bottom

14' 526/527
 TOPSOIL
 2 1/2' tan Lm (Hyp)
 5 1/2' tan Lt tan Si Lm
 14' Dk brn grey tan org brn SA Lm Rock Frag 5-10% Bottom



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/29	524	5 1/2' S	2:34 ⁴⁵	2:40	2:40	2:52	7min
		14' D	—————→				PASS
	525	SEE SOIL PROFILE	—————→				PASS
	526	5'4" S	2:45 ³⁰	2:50	2:50	2:55	5min
		14' D	—————→				PASS
	527	5 1/2' S	SEE SOIL PROFILE				—————→
		13' D	—————→				PASS

REMARKS _____

TYPE OF SOIL _____

TESTED BY Goedeking ALSO PRESENT Chuck C. Mike & crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

~~LOT 103~~

HOLES PER PLAN

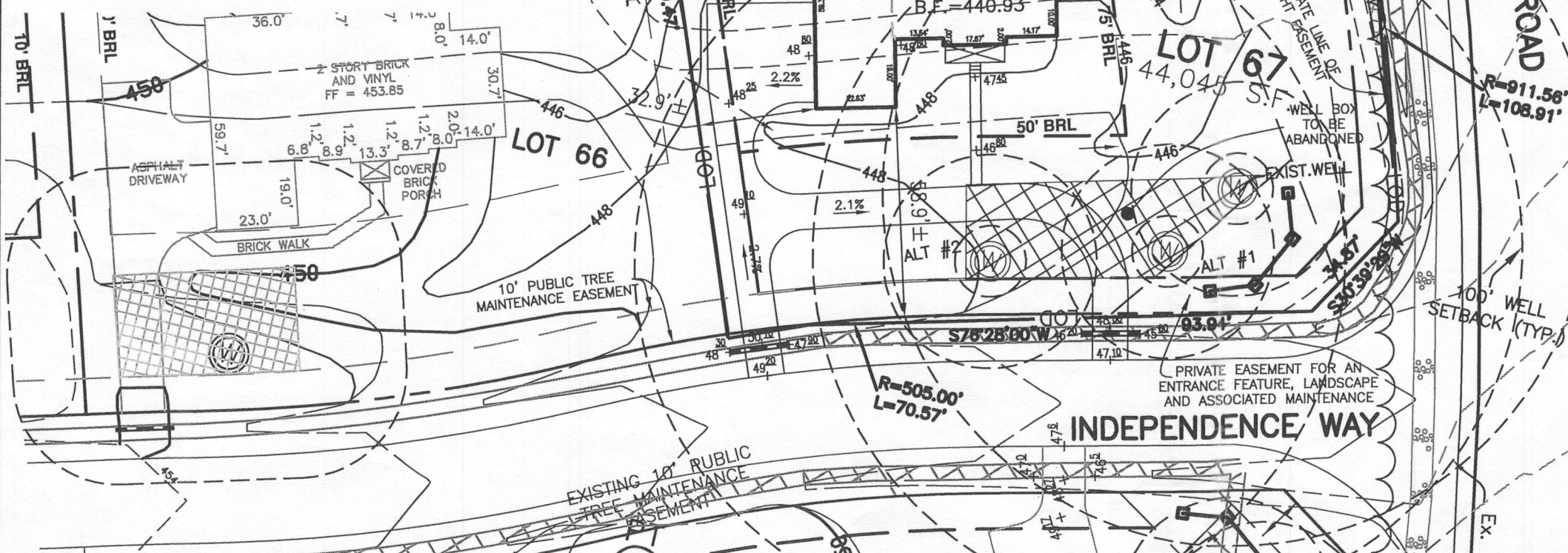
LEGEND:

- PERC TEST LOCATION
- ⊙ WELL LOCATION
- LOD- LIMITS OF DISTURBANCE
- SOIL TYPE LINE
- GbB GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES
- GbC GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES
- TW TOP OF WALL
- GF GARAGE FLOOR
- BF BASEMENT FLOOR
- BRL BUILDING RESTRICTION LINE



SEPTIC CALCULATIONS:

INV. @ HOUSE	438.9'
GROUND @ INV. @ HOUSE	442.0'
INV. IN TANK	436.0'
INV. OUT TANK	435.7'
TOP OF TANK	436.7'
GROUND OVER TANK	439.3'
INV. IN DIST. BOX	435.6'
INV. OUT DIST. BOX	435.3'
GROUND @ BOX	438.3'



GENERAL NOTES:

1. THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND PER COMP-LITE ZONING REGULATIONS DATED 7/28/06.
2. PLAT REFERENCE: PLAT No. 18245.
3. THE EXISTING TOPOGRAPHY WITHIN THE AREA OF PROPOSED WORK IS TAKEN FROM FIELD RUN SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY ESE. DATED 5/10/11.
4. TOTAL LIMIT OF DISTURBANCE: 34,695 SQ. FT. / 0.80 AC.±
5. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED BY PREVIOUSLY APPROVED PLAN F-05-069.
6. THESE AREAS DESIGNATE A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND 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 BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS UNTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
7. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
8. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
9. UPON BUILDING PERMIT REVIEW THE SEPTIC SYSTEMS FOR ALL PROPOSED STRUCTURES AND/OR EXISTING STRUCTURE EXPANSIONS SHALL BE RE-EVALUATED TO DETERMINE SUFFICIENT SYSTEM CAPACITY.
10. THE DEVELOPMENT OF THIS LOT DOES NOT REQUIRE AN ENVIRONMENTAL CONCEPT PLAN SINCE STORMWATER MANAGEMENT WAS PREVIOUSLY APPROVED UNDER F-05-069.
11. A STANDARD SEDIMENT CONTROL PLAN MAY BE USED FOR DEVELOPMENT OF THIS LOT. REFERENCE GRADING PLAN GP-14-034, DATED 10/30/13.
12. THE EXISTING WELL(S) SHOWN ON THIS PLAN HAS YET TO BE DRILLED.
13. BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.
14. CULVERT FOR DRIVEWAY PER F-05-069.
15. SOIL TYPES FOR THIS LOT ARE GbB AND GbC, HYDROLOGIC SOIL GROUP B, PER WEB SOIL SURVEY WEBSITE MAINTAINED BY USDA LAST MODIFIED ON 12/06/2013.
16. WELL BOX AND SEPTIC RESERVE AREA HAVE BEEN ALTERED PER THIS PLAN. WELL BOX WAS ALTERED FOR ALLOWANCE OF A GOVERNORS DRIVE, SEPTIC RESERVE AREA WAS ALTERED FOR THE SITING OF THE HOUSE. ALTHOUGH THE SEPTIC AREA HAS BEEN ALTERED, THE MINIMUM 10,000 SQUARE FEET HAS BEEN MAINTAINED PER THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL REQUIREMENTS. ADDITIONAL ALTERNATE WELLS IN LIEU OF WELL BOX, NOT WITHIN DRAIN AREA OF UP GRADE SEPTICS.

HOUSE OPTIONS:

TYPE: HAMPTON (GEORGIAN)	
WALK-OUT BASEMENT	OPTION No. 017
EXPANDED FAMILY ROOM	OPTION No. 023
FIFTH BEDROOM	OPTION No. 028
ADD'L 1' HEIGHT TO BASEMENT FOUNDATION WALLS	OPTION No. 070
FIRST FLOOR BEDROOM I/O STUDY	OPTION No. 075
12' WIDE CONSERVATORY ELITE ADDITION	OPTION No. 263021
12' WIDE BEDROOM SUITES ABOVE CONSERVATORY	OPTION No. 263023
NAPLES SUNROOM ADDITION	OPTION No. 529
HORSE SHOE SHAPED DRIVEWAY	OPTION No. 9001

APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Signature: Brian for Mauro Rossman
COUNTY HEALTH OFFICER
DATE: 7/30/2014

PERC CERT REVISION
LOT 67
HOMWOOD CROSSING
LIBER 9808, FOLIO 204
PLAT No. 18245
TAX No. 05-443326
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
ADDRESS: 11200 INDEPENDENCE WAY
ELLCOTT CITY, MARYLAND

ESE Land Planning
Engineering
Land Surveying

ESE Consultants Inc.
7164 Columbia Gateway Dr.
Suite 203
Columbia, MD 21046
TEL: 410-872-9105
FAX: 410-872-4870

DATE: 07/10/14 SCALE: 1"=40' FILE: PERC CERT REV LOT 67_REV 1
CHK'D: G.V.S JOB NO: 1214 DRAWN: R.C.K

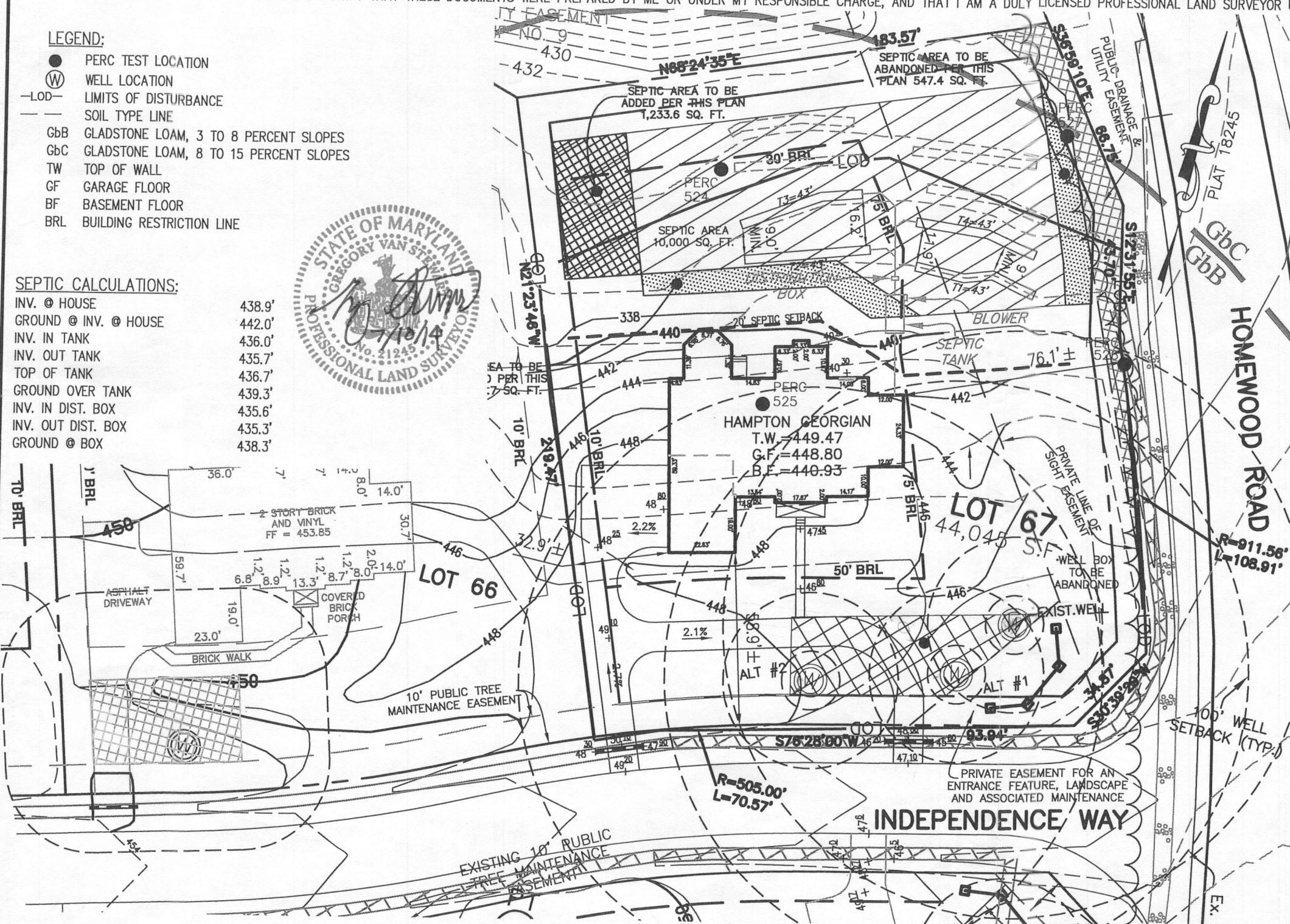
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE 1/27/15.

LEGEND:

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B. Wiper for Maureen Rossman 7/30/14
COUNTY HEALTH OFFICER DATE

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