

APPLICATION

PERCOLATION TESTING

A 518984

P _____

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

DISTRICT 4TH

DATE 5/12/03
5/22/03
11/6/03

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 EDGEWOOD FARM, INC.

ADDRESS 14919 ROXBURY RD GLENELG MD 21737 PHONE _____

AGENT OR PROSPECTIVE BUYER TOLL BROTHERS, INC.

ADDRESS 7164 COLUMBIA GATEWAY DR SUITE 230
COLUMBIA, MD 21046 PHONE (410) 872-9105

PROPERTY LOCATION:

SUBDIVISION EDGEWOOD FARM LOT NO. 42A

ROAD AND DESCRIPTION ROXBURY RD

42A
42/44
SHARON AMER
Signature

TAX MAP 21 PARCEL # 90

SIZE OF LOT 1 Ac ± TYPE BLDG. SINGLE FAMILY
(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.

Bruce R. Oley
BRUCE R. OLEY (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' 273

Brown Loam

Brown Silty Clay Loam

Brown Silty Loam
40% Cherty
Gneiss
HARD GNEISS

278

Brown Loam

Brown Silty Loam

Loam
50% Cherty
Gneiss

HARD GNEISS
BOTTOM

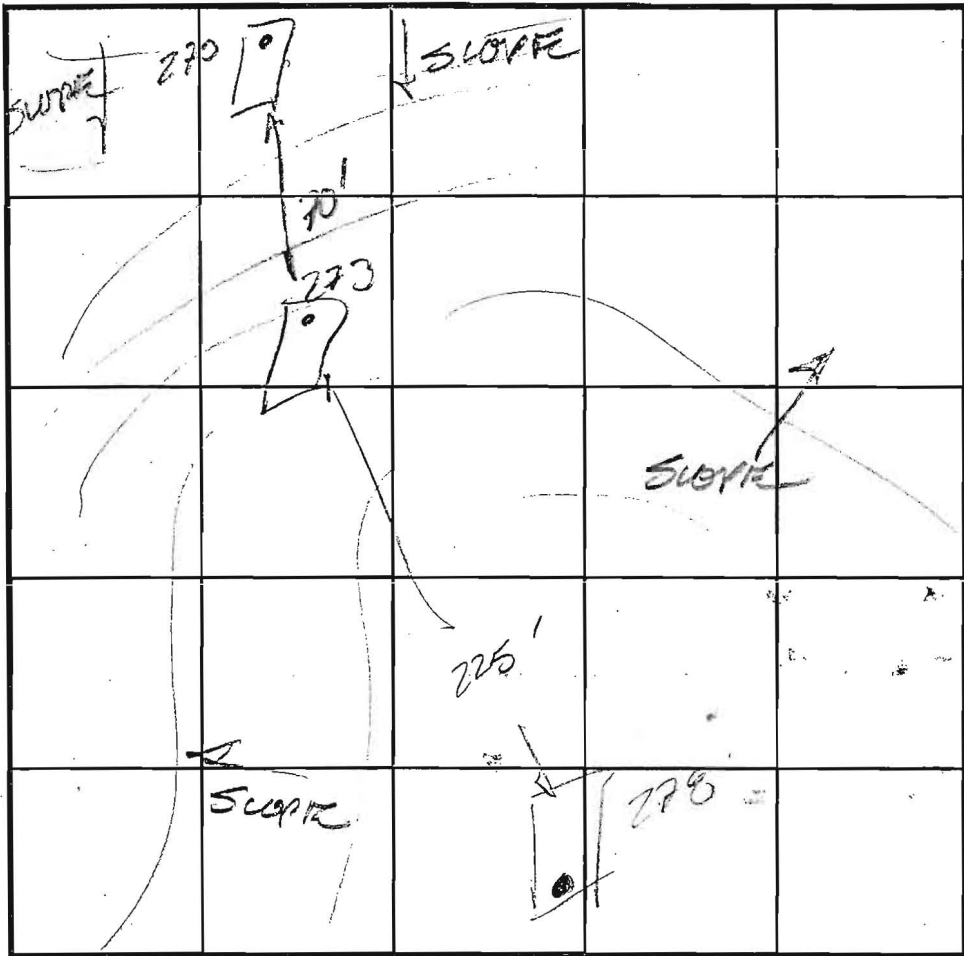
270

Dark Brown Loam

Brown Loam

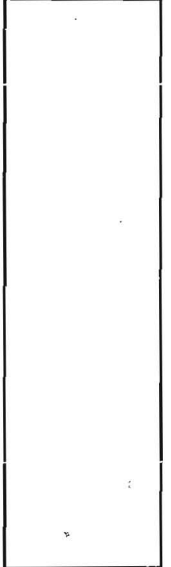
Brown Light Brown Silty Loam

Brown Light Brown Silty Loam
25% Cherty
Gneiss



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/6/03	273	Rock redwood @ 7'			-	10 + 42	
11/6/03	278	Rock redwood @ 3.6'			-	LOT 44	
11/6/03	270	5 1/2' 12'	8:44	8:54	8:54	9:06	14 min

LOT 42

REMARKS _____

TYPE OF SOIL _____

TESTED BY FA ALSO PRESENT Willie Kacie, Bob Steyer, Mark Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 518904TT

F _____

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

DISTRICT 4TH

DATE 5/13/03
5/22/03

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER EDGEWOOD FARM, INC.

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AGENT OR PROSPECTIVE BUYER TOLL BROTHERS, INC.

ADDRESS 7164 COLUMBIA GATEWAY DR SUITE 230
COLUMBIA, MD 21046 PHONE (410) 872-9105

PROPERTY LOCATION:

SUBDIVISION EDGEWOOD FARM LOT NO. X04042

ROAD AND DESCRIPTION ROXBURY RD (to be on shared system)

TAX MAP 21 PARCEL # 20

SIZE OF LOT 1 Ac ± TYPE BLDG. SINGLE FAMILY
(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.

Bruce R. O'Neil
BRUCE R. O'NEIL (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

518964
COUNTY #

SOIL PROFILE
268

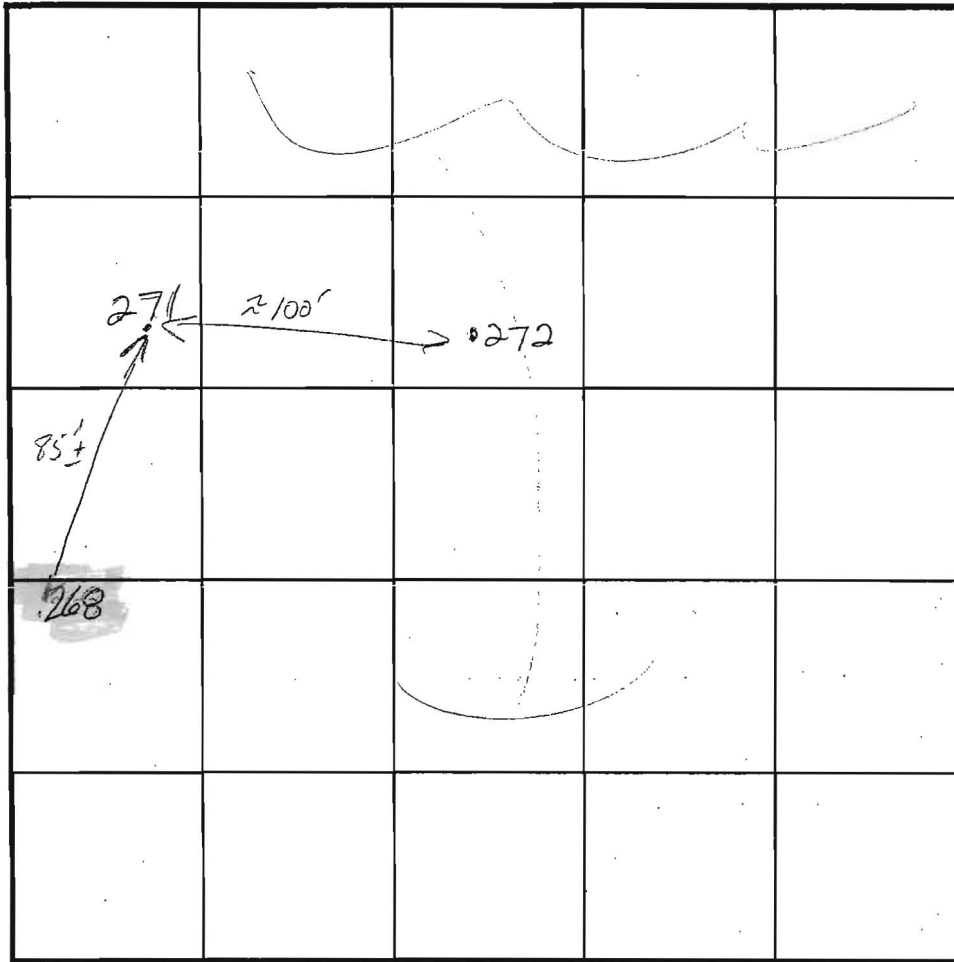
0'
L Sand
to Sand
md gr.
Bottom 8 1/2'

271

7'
Refused
excess
Rock

272

Dk brn
silt
10' Bottom



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/4/03	Holes dug	Chosen by	Bob Sheasley				
	for visual						
	SWALE & Soil DEPTHS		Not				
	Sufficient for		septic		USE		

REMARKS Holes dug on stake ALL FAIC

TYPE OF SOIL _____

TESTED BY KN ALSO PRESENT Bob Sheasley
Willie

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 518964-55

F _____

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

DISTRICT 4TH

DATE 5/13/03
5/22/03
11/6/03

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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AGENT OR PROSPECTIVE BUYER TOLL BROTHERS, INC.

ADDRESS 7164 COLUMBIA GATEWAY DR SUITE 230
COLUMBIA, MD 21046 PHONE (410) 872-9105

PROPERTY LOCATION:

43 44 ~~45~~ 9 PART OF
45 ~~45~~ SHARED SHARED
APRIL

SUBDIVISION EDGEWOOD FARM LOT NO. _____

ROAD AND DESCRIPTION ROXBURY RD

TAX MAP 21 PARCEL # 90

SIZE OF LOT 1 Ac ± TYPE BLDG. SINGLE FAMILY
(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.

Bruce R. Oxley
BRUCE R. OXLEY (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

270

Dark Brown Loam

Brown Loam

Brown Light Brown Silty loam

Brown Light Brown Loam
2550
Rock

275

Brown loam

Red Silty loam

10-30% Cherty Gravel

HARD GROUND BOTTOM

281

Dark Brown loam

Yellow Brown Silty loam

Brown Silty loam

1590

Rock

HARD GROUND BOTTOM

SOIL PROFILE

280

Brown loam

Red Brown Silty clay loam

Brown Silty loam

15-25% Cherty Gravel

HARD GROUND BOTTOM

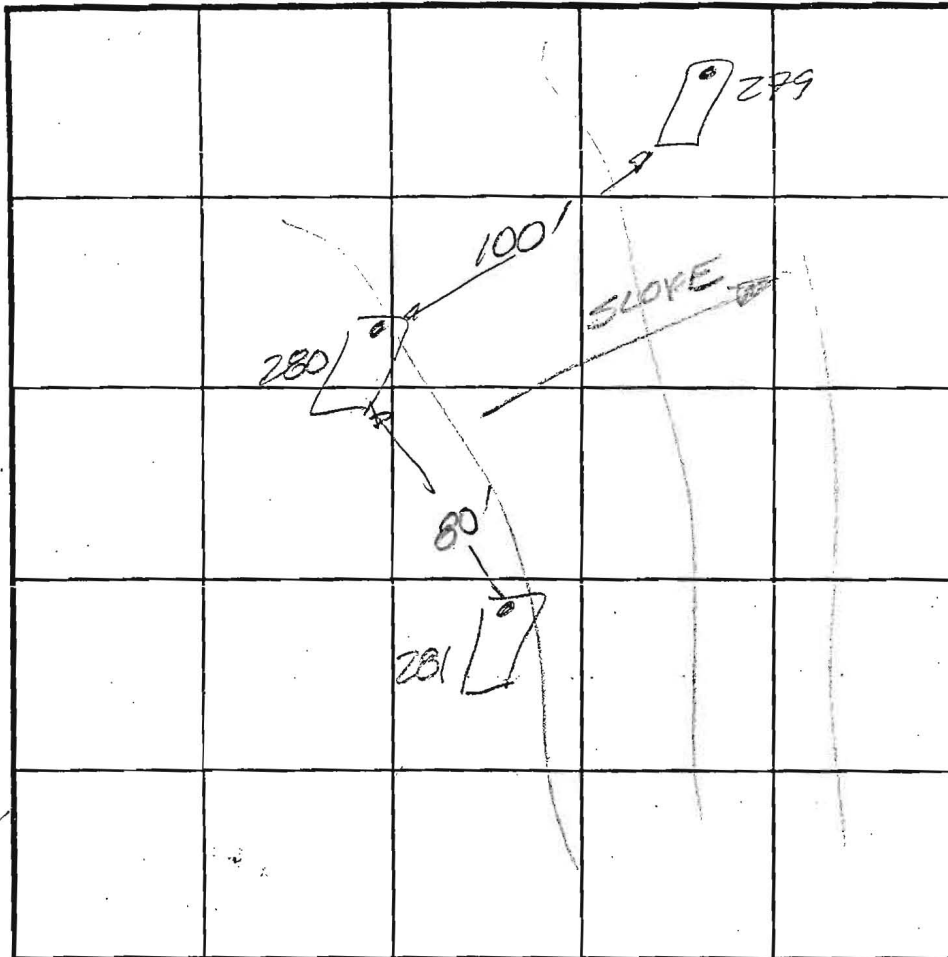
279

Brown loam

Red Brown Silty loam

14 Brown Silty loam

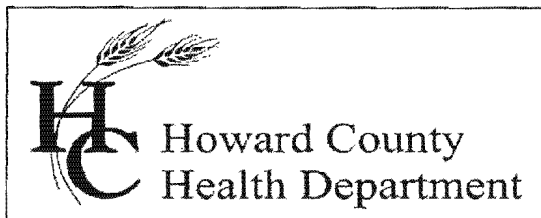
HARD GROUND BOTTOM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/6/03	270	5 1/2' / 12'	8:44	8:54	8:54	9:08	14 min
	281	5 1/2' / 12'	9:14	9:16:15	9:16:15	9:18:31	2 min
	280	4 1/2' / 8 1/2'	9:53	9:58	9:58	10:05	7 min
	279	5' / 9 1/2'	9:24:10	9:26:10	9:26:10	9:28:21	2 min

REMARKS: Dale Johnson
 TYPE OF SOIL: Mark Johnson
 TESTED BY: FA/KC ALSO PRESENT: Bob Skousky
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: TRENCH WIDTH: Wilho
 INLET DEPTH: MAXIMUM BOTTOM DEPTH: SQ. FT./BEDROOM:



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-1771 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

Date: June 30, 2014

To: Michael Boyce, ESE Consultants, Inc.

From: Robert Bricker, CPSS, REHS/R.S., L.E.H.S.
Environmental Sanitarian II
Well and Septic Program, Bureau of Environmental Health

RE: 14578 Edgewood Way, Edgewood Farm Lot 45

The well zone illustrated on the Plot Plan has been shifted to a location different than the Approving Authority permitted. A revision of the Percolation Certification Plan is required. Submit three copies of the Percolation Certification Plan revision directly to the Bureau of Environmental Health, to my attention.

- a. Include all notes required for a Percolation Certification Plan
- b. Correct any reference to the well tag number; the well tag number is HO-95-0799

If you have questions related to this notice, you may reply to me via email, rbricker@howardcountymd.gov, or call my desk, 410-313-2691.

Copy: Nathan Brandenburg, Toll MD V LP
file

MILL ROAD
LOCAL ROAD

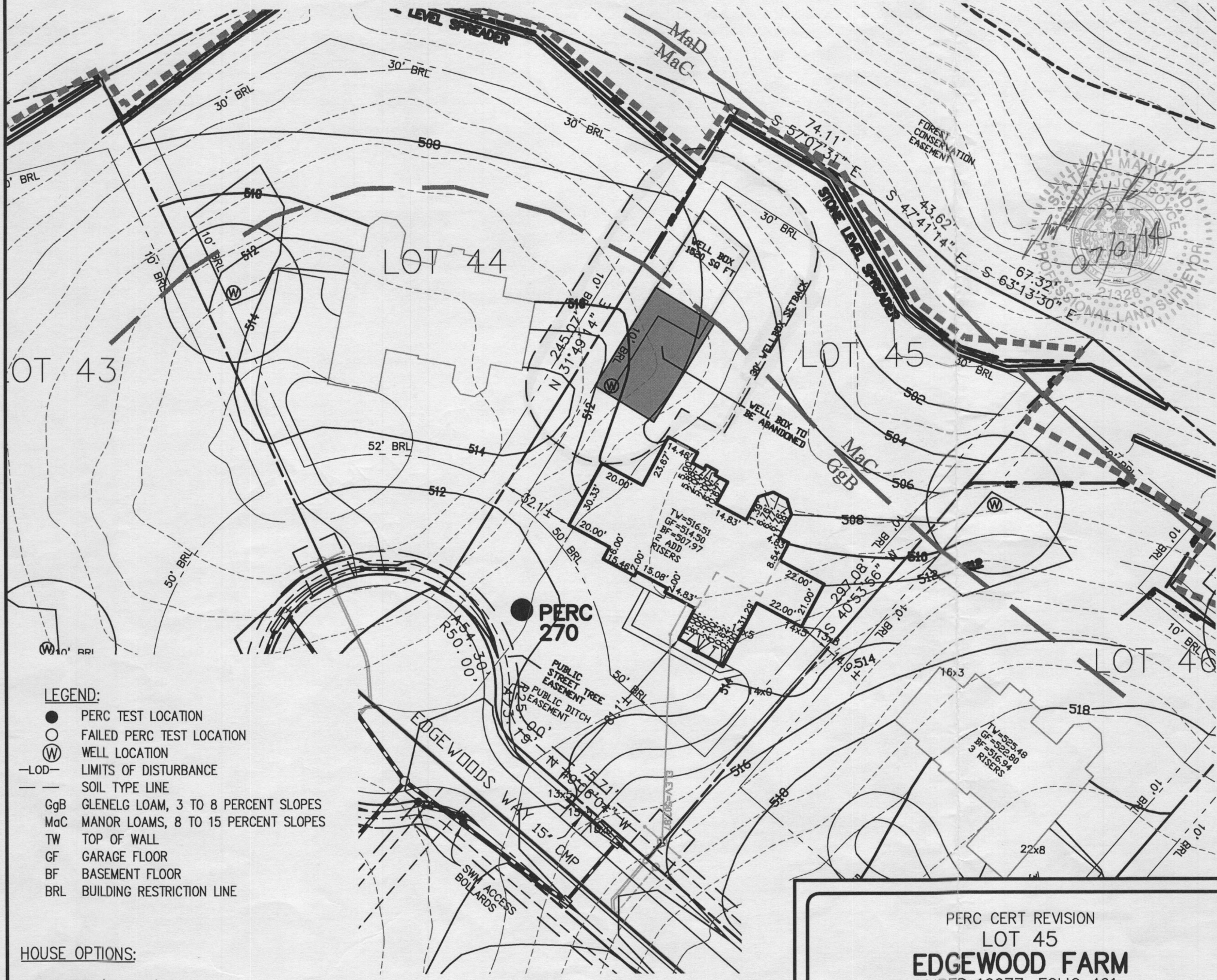
NON-BUILDABLE
PRESERVATION PARCEL
DEDICATED TO HOWARD COUNTY MARYLAND
PRESERVATION EASEMENT
HOMEOWNERS ASSOCIATION EASEMENT HOLDER

STEEP SLOPES
2% OR GREATER



390-07

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. 21328, EXPIRATION DATE 1/8/15.



- LEGEND:**
- PERC TEST LOCATION
 - FAILED PERC TEST LOCATION
 - ⊙ WELL LOCATION
 - LOD- LIMITS OF DISTURBANCE
 - SOIL TYPE LINE
 - GgB GLENELG LOAM, 3 TO 8 PERCENT SLOPES
 - MaC MANOR LOAMS, 8 TO 15 PERCENT SLOPES
 - TW TOP OF WALL
 - GF GARAGE FLOOR
 - BF BASEMENT FLOOR
 - BRL BUILDING RESTRICTION LINE

- HOUSE OPTIONS:**
- TYPE: HENLEY (CAROLINA)
- WALKOUT BASEMENT
 - BONUS ROOM
 - EXPANDED FAMILY ROOM/GREAT ROOM
 - PALM BEACH SUNROOM
 - ADD'L 1' TO BASEMENT FOUNDATION WALLS
 - BEDROOM SUITES ABOVE AN ELITE ADDITION
 - NAPLES SUNROOM ADDITION
 - BRICK SIDE AND REAR
 - ADDITIONAL TWO CAR FRONT ENTRY GARAGE

OPTION No. 017
 OPTION No. 021
 OPTION No. 023
 OPTION No. 026
 OPTION No. 070
 OPTION No. 521
 OPTION No. 529
 OPTION No. 537
 OPTION No. 263019

APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS

HOWARD COUNTY HEALTH DEPARTMENT

BD COUNTY HEALTH OFFICER *7/21/14* DATE *7/20*

PERC CERT REVISION
 LOT 45
EDGEWOOD FARM
 LIBER 10677, FOLIO 461
 PLAT No. 19268
 TAX No. 04-372867
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 ADDRESS: 14578 EDGEWOODS WAY
 GLENELG, MARYLAND

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. 19268.
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 4/27/11.
4. TOTAL LIMIT OF DISTURBANCE: 42,392 SQ. FT. / 0.97 AC.±
5. STORMWATER MANAGEMENT PER PLAN F-06-108.
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. CHANGES TO SEPTIC AREA WERE MADE PER "PERC CERT REVISION PLAN" DATED 06/03/14 AND ARE CURRENTLY UNDER REVIEW.
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-06-108.
11. A STANDARD SEDIMENT CONTROL PLAN MAY BE USED FOR DEVELOPMENT OF THIS LOT. REFERENCE GRADING PLAN GP-14-031, DATED 10/31/13.
12. THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-0799 HAS BEEN FIELD LOCATED BY ESE CONSULTANTS - PROFESSIONAL LAND SURVEYOR(S), AND IS ACCURATELY SHOWN.
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 IS A 15" CORRUGATED METAL PIPE (CMP) PER NOTE 30 AS SHOWN ON SHEET LABELED "ROADS, STORMWATER MANAGEMENT AND STORM DRAIN CONSTRUCTION PLANS" IN THE F-06-108 PLAN.
15. SOIL TYPES FOR THIS LOT ARE GgB AND MaC, HYDROLIC SOIL GROUP B, PER WEB SOIL SURVEY WEBSITE MAINTAINED BY USDA LAST MODIFIED ON 12/06/2013.
16. LOT 45 SERVICED VIA SHARED SEPTIC.
17. WELLBOX HAS BEEN ALTERED IN ORDER TO FIT THE HOUSE ON SUBJECT PROPERTY.

FOR EACH LOT ON THE SHARED SYSTEM

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: 07/01/14 SCALE: 1"=50' FILE: PERC CERT REV LOT 45
 CHK'D: M.J.B. JOB NO: 1498 DRAWN: R.C.K.