

COUNTY #

SOIL PROFILE

0' (438) / (436)
 Topsoil (433)
 rd brn
 CL
 Lm

7' org brn
 Lt Brn
 lt beige
 Lm and
 sa / m
 Rock Frag
 < 5%

13' Bottom (434)

Topsoil
 rd brn
 CL Lm

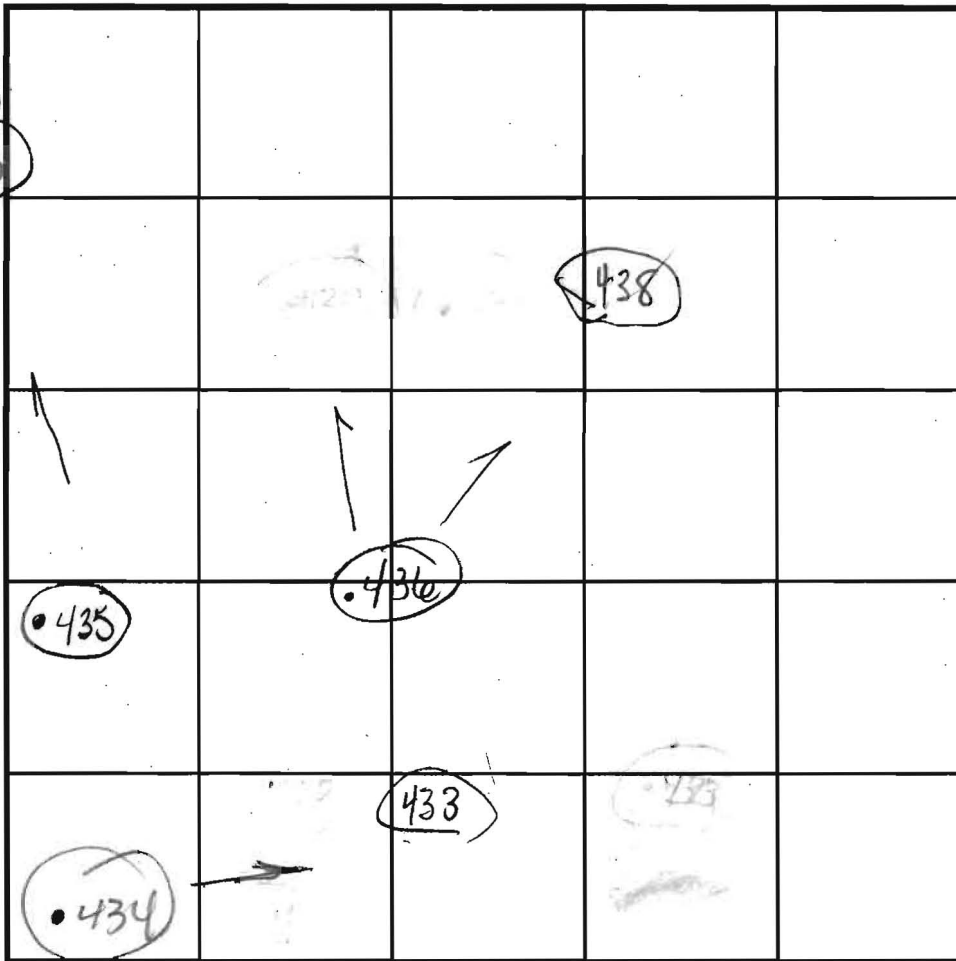
5'4" lt brn
 lt beige
 SALm

13' Bottom (435)

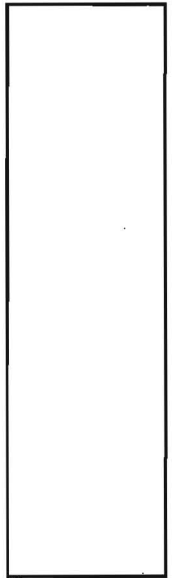
Topsoil
 RD
 RDBrn
 Brn
 CL Lm

7-8" org brn
 tan
 beige

13 1/2" SALm
 Rock Frag
 5-10%



SOIL PROFILE



(434)

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOMEWOOD DR.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/28	438	6'9" S	10:56	11:10	11:10	11:27	17min
		13' D	—————>				PASS
	436	6'10" S	11:11	11:17	11:17	11:34	17min
		13' D	—————>				PASS
	433	SEE SOIL PROFILE	—————>				PASS
		13 1/2' D	—————>				(17min)
	434	5'4" S	11:25	11:32	11:32	11:48	16min
		13 1/2' D	—————>				PASS
	435	7' S	3:42	3:46 ⁴⁵	3:46 ⁴⁵	4:02	16min
		13 1/2' D	—————>				PASS

REMARKS

HOLIES PER PLAN

TYPE OF SOIL

TESTED BY Goedeking

ALSO PRESENT Chuck C.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

13 1/2"

APPLICATION

PERCOLATION TESTING

A 515042

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 _____

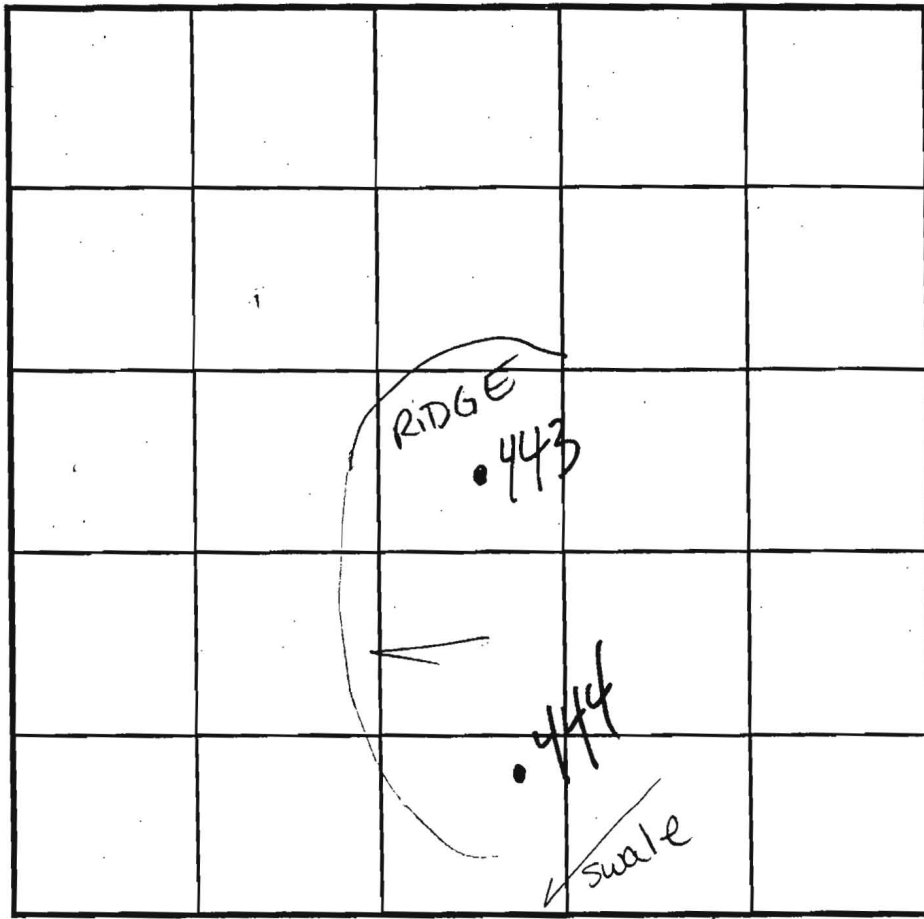
THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' (444)
 1' Topsoil
 rd bun
 CLLm
 Rock Frag
 ≤5%
 7' + org bun
 Si CL
 Lm
 Rock 5-10%
 15' Bottom

(443)
 1' Topsoil
 rd bun
 Hvy
 Lm
 6' 6 1/2" Ham
 org bun
 bn
 SA Lm
 Rock 10-15%
 15' Bottom



SOIL PROFILE

0'
 EAST

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 108 (South)

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/28	444	7'4" S	4:01	4:10	4:10	4:26	16 min
		15' D	—————→				PASS
	443	6 1/2' S	3:50	3:52	3:52	3:59	6 min
		15' D	—————→				PASS

REMARKS

HOLES PER PLAN (Lot 75)

TYPE OF SOIL

TESTED BY Goedeking

ALSO PRESENT Chuck Cross
Mike & crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

Oswald, Hank

From: Ryan Ketner <rketner@eseeng.com>
Sent: Tuesday, January 19, 2016 3:50 PM
To: Oswald, Hank
Cc: Michael Boyce; Nathan Brandenburg
Subject: RE: Homewood Crossing Lot 46_BAT Plan Revision

Hank,

The PM has told us they are going to move this pipe to the location on that revised Plot Plan.... We initially had to revise this because it didn't reflect the information in the field.... They didn't like the proposed location of the tank I had and they want to avoid going to a HOOT system....

So they told me they can move the pipe to the adjacent wall and move the pipe in elevation as I have shown on that revised BAT Plan.

Please call me if you have any questions and please let us know if you will approve accordingly.

Thanks,

Ryan Ketner

Designer II - ESE, Survey

ESE Consultants, Inc.

7164 Columbia Gateway Drive | Suite 230 | Columbia, MD 21046

P : 410-381-3052 | C: 443-889-4429

rketner@eseeng.com | www.eseconsultants.com

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]

Sent: Tuesday, January 19, 2016 3:47 PM

To: Ryan Ketner

Subject: Homewood Crossing Lot 46_BAT Plan Revision

Hi Ryan:

The revised Bat Plan for Homewood Crossing, Lot 46 received on 1.15.16 still doesn't reflect the changes observed in the field.

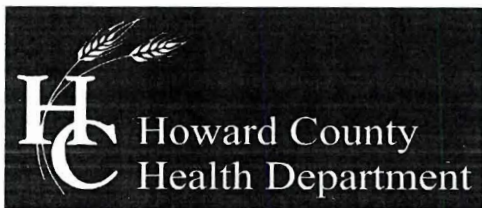
- 1.) The invert out of the building is located on the wall facing north adjacent back porch (see attachment for details in Red).
- 2.) The invert out of the building is located 4.5 feet below top of wall ($470.2' - 4.5' = 465.7'$) not 466.8'.

Should you have any questions, please don't hesitate to ask.

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard

Columbia, MD 21045
410.313.1786 (Office)
410.313.2648 (Fax)



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

MEMO

Date: May 24, 2010

To: Michael Boyce, ESE Consultants, Inc.

From: Robert Bricker, RS
Environmental Sanitarian Supervisor, Well and Septic Program

RE: Revised Percolation Certification Plan, Homewood Crossing Lots 46, 47, 48,
50 and 51

The following additions and/or corrections are required in the submitted
Percolation Certification Plan:

1. The perc test locations on the lots and immediate surrounding areas need to be shown. This detail was missed on previous reviews. A photocopy of the signed preliminary plan is attached; the surveyor/engineer that platted the perc test locations may be cited in a note.
2. The two well locations on Lot 46 need to be accurately shown. Also label the wells correctly per by their respective tag numbers. Identify the well to be sealed. Attached is a diagram generated by an Environmental Sanitarian.

If you have questions concerning these requirements, you may contact me at 410-313-2691.

Copy: file



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

MEMO

Date: May 24, 2010

To: Michael Boyce, ESE Consultants, Inc.

From: Robert Bricker, RS
Environmental Sanitarian Supervisor, Well and Septic Program

RE: Revised Percolation Certification Plan, Homewood Crossing Lots 46, 47, 48,
50 and 51

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TO: PMA 1-MJC

PERC TEST LOCATIONS SHOWN. NOTE ADDED


WELL SHOWN AND LABELED NOTE ADDED ON PLAN VIEW

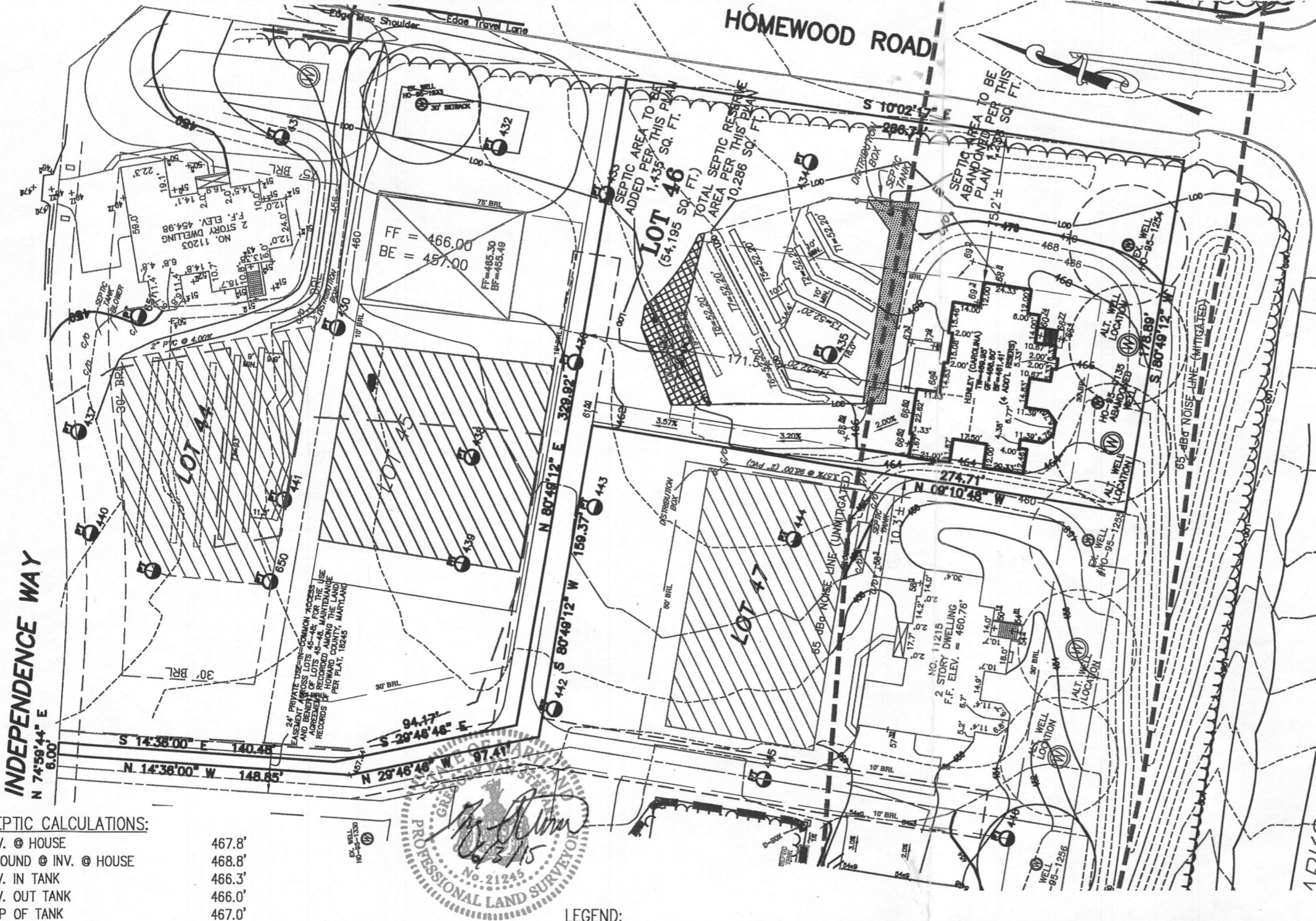
If you have questions concerning these requirements, you may contact me at 410-313-2691.

Copy: file

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 1/27/17.

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. 18243.
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: 36,980 SQ. FT. / 0.85 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. CHANGES TO SEPTIC AREA WERE MADE PER "PERCOLATION CERTIFICATION REVISION PLAN" DATED 04/24/2015 AND IS 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-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 (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-1254 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. NO CULVERT FOR DRIVEWAY PER F-05-069.
15. SOIL TYPE FOR THIS LOT IS GgB, HYDROLOGIC SOIL GROUP B, PER WEB SOIL SURVEY WEBSITE MAINTAINED BY USDA, LAST MODIFIED ON 12/06/2013.
16. SEPTIC RESERVE AREA HAS BEEN ALTERED PER THIS PLAT, ADJUSTMENT HAD TO BE MADE FOR BUILDING PURPOSES. ADJUSTMENT SHOWN HEREON TO SEPTIC RESERVE AREA MEETS THE 10,000 SQUARE FOOT MINIMUM.










SEPTIC CALCULATIONS:

INV. @ HOUSE	467.8'
GROUND @ INV. @ HOUSE	468.8'
INV. IN TANK	466.3'
INV. OUT TANK	466.0'
TOP OF TANK	467.0'
GROUND OVER TANK	470.0'
INV. IN DIST. BOX	465.9'
INV. OUT DIST. BOX	465.6'
GROUND @ BOX	469.5'

WELL NUMBER: HO-95-1254

ADDRESS: 11211 INDEPENDENCE WAY
ELLCOTT CITY, MD 21043

LEGEND:

-  PERC TEST LOCATION
-  WELL LOCATION
-  LIMITS OF DISTURBANCE
-  TOP OF WALL
-  GARAGE FLOOR
-  BASEMENT FLOOR
-  BUILDING RESTRICTION LINE

APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS

HOWARD COUNTY HEALTH DEPARTMENT

- HOUSE TYPE: HENLEY (CAROLINA)
- DAYLIGHT BASEMENT OPTION 018
 - EXPANDED FAMILY ROOM/GREAT ROOM OPTION 023
 - ADD'L FRONT ENTRY GARAGE OPTION 024
 - ADD'L 1' TO BASEMENT FOUNDATION WALLS OPTION 070
 - ADD'L POWDER ROOM-FIRST/SECOND FLOOR OPTION 377
 - NAPLES SUNROOM ADDITION OPTION 529
 - FAMILY SUITE - REDUCED TO 12' OPTION 263008
 - 12' WIDE CONSERVATORY ELITE ADDITION OPTION 263021
 - 12' WIDE BEDROOM SUITES ABOVE ELITE OPTION 263023

W. Ryan for Maria Rossman 6/19/2015
COUNTY HEALTH OFFICER *HO 95* DATE



PERCOLATION CERTIFICATION REVISION
LOT 46
HOMEWOOD CROSSING
LIBER 9808, FOLIO 204
PLAT No. 18243
TAX No. 05-443083
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
ADDRESS: 11211 INDEPENDENCE WAY
ELLCOTT CITY, MARYLAND


ESE Land Planning
Engineering
Land Surveying

ESE Consultants Inc.
7164 Columbia Gateway Dr.
Suite 230
Columbia, MD 21046
TEL: 410-872-9105
FAX: 410-872-4870

DATE: 06/01/15 SCALE: 1"=60' FILE: PERC CERT REV LOT 46_rev1
CHK'D: G.V.S. JOB NO: 1498 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 1/27/17.

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





HOUSE TYPE: HENLEY (CAROLINA)

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EXPANDED FAMILY ROOM/GREAT ROOM	OPTION 023
ADD'L FRONT ENTRY GARAGE	OPTION 024
ADD'L 1' TO BASEMENT FOUNDATION WALLS	OPTION 070
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APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

W. Ryan for Maria Rossman 6/19/2015
COUNTY HEALTH OFFICER *HO 95* DATE

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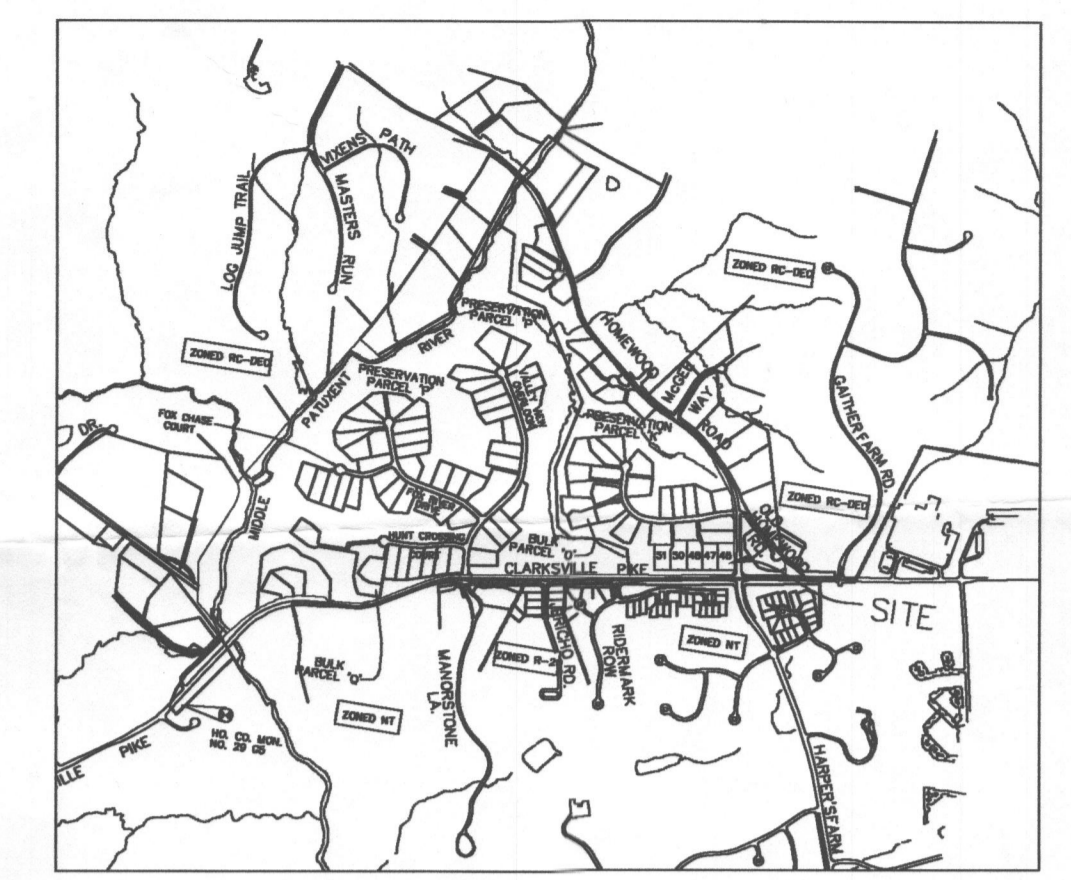
PERCOLATION CERTIFICATION REVISION
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ESE Land Planning
Engineering
Land Surveying

ESE Consultants Inc.
1764 Columbia Gateway Dr.
Suite 230
Columbia, MD 21046
TEL: 410-872-9105
FAX: 410-872-4870

DATE: 06/01/15 SCALE: 1"=60' FILE: PERC CERT REV LOT 46_rev1
CHK'D: G.V.S. JOB NO: 1498 DRAWN: R.C.K.



VICINITY MAP:
1"=2,000'

☐ DENOTES EXISTING WELL BOX TO BE ABANDONED BY THIS PLAN.

PERC CERT NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON MAY 2, 2006 AS PLAT NUMBER 18245. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWER DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDED OF A MODIFIED EASEMENT PLAT SHALL NOT BE NECESSARY.
3. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
4. SPILL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
5. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER F-05-069 AND CP-07-067 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
6. STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED UNDER F-05-069.
7. THE EXISTING WELLS (LOT 46 TAG NO. HO 95-0135, LOT 47 TAG NO. HO-95-1255, LOT 48 TAG NO. HO-95-1256, LOT 50 TAG NO. HO-95-1257, LOT 51 TAG NO. HO-95-1258) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
8. TOPOGRAPHIC INFORMATION ESTABLISHED AT TWO FOOT INTERVALS BASED ON AERIAL TOPOGRAPHY PREPARED BY 201 LLC, DATED APRIL 2001 AND SUPPLEMENTED BY FIELD RUN TOPOGRAPHY PREPARED BY FISHER, COLLINS & CARTER, INC.

TO BE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE FOLLOWING STATEMENTS ARE TRUE:

ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWER DISPOSAL EASEMENTS WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN. ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWNGRADENT OF ANY EXISTING OR PROPOSED SEPTIC SYSTEM AND SEWER DISPOSAL EASEMENTS HAVE BEEN SHOWN. THE ENGINEER HAS USED ALL EFFORTS TO FIND THE LOCATIONS OF ALL SURROUNDING WELLS AND SEPTIC SYSTEMS.

THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTHS AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT AS SHOWN ON THE RECORDED PLAT 18240 GENERAL NOTES ITEM 2.

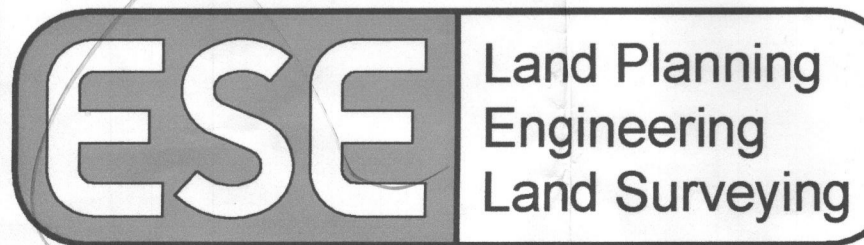
ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

THE SOIL TYPE FOR THESE LOT ARE AS SHOWN.

SOILS LEGEND		
SOIL	NAME	CLASS
CgB2	CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
CgC2	CHESTER GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
ChB2	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
GIC2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	B
ChA	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPE	B

APPROVED FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE _____
COUNTY HEALTH OFFICER: *[Signature]*

OWNER/DEVELOPER
TOLL MD V LIMITED PARTNERSHIP
7164 COLUMBIA GATEWAY DRIVE, SUITE 230
COLUMBIA, MARYLAND 21046
ATTN: TOM MATEYA
FAX: 410-872-4870
PHONE: 410-381-3095



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



REVISED PERCOLATION CERTIFICATION PLAN
HOMECROSSING
LOTS 46, 47, 48, 50 AND 51

TAX MAP NO. 29
ZONING: RC-DEO
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DATE: 03/18/10	CHECKED: ---	PROJECT NO.: 1214
SCALE: 1"=40'	FILE NAME: REV_PERC_CERT_PLAN	
DRAWN: GVS	SHEET NO.: 1 OF 1	

DATE	DESCRIPTION	DRAWN