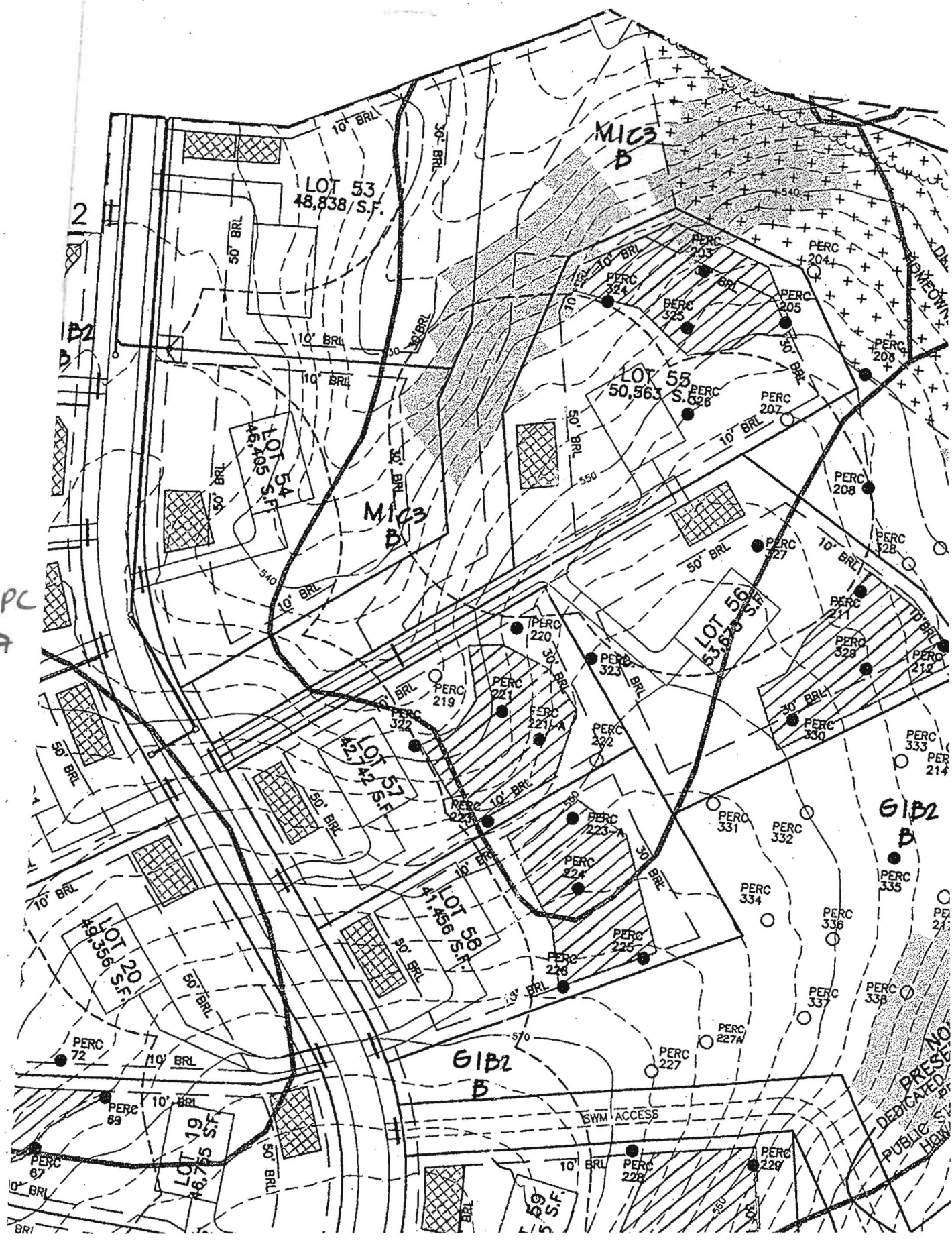


Revised PC  
3-26-07

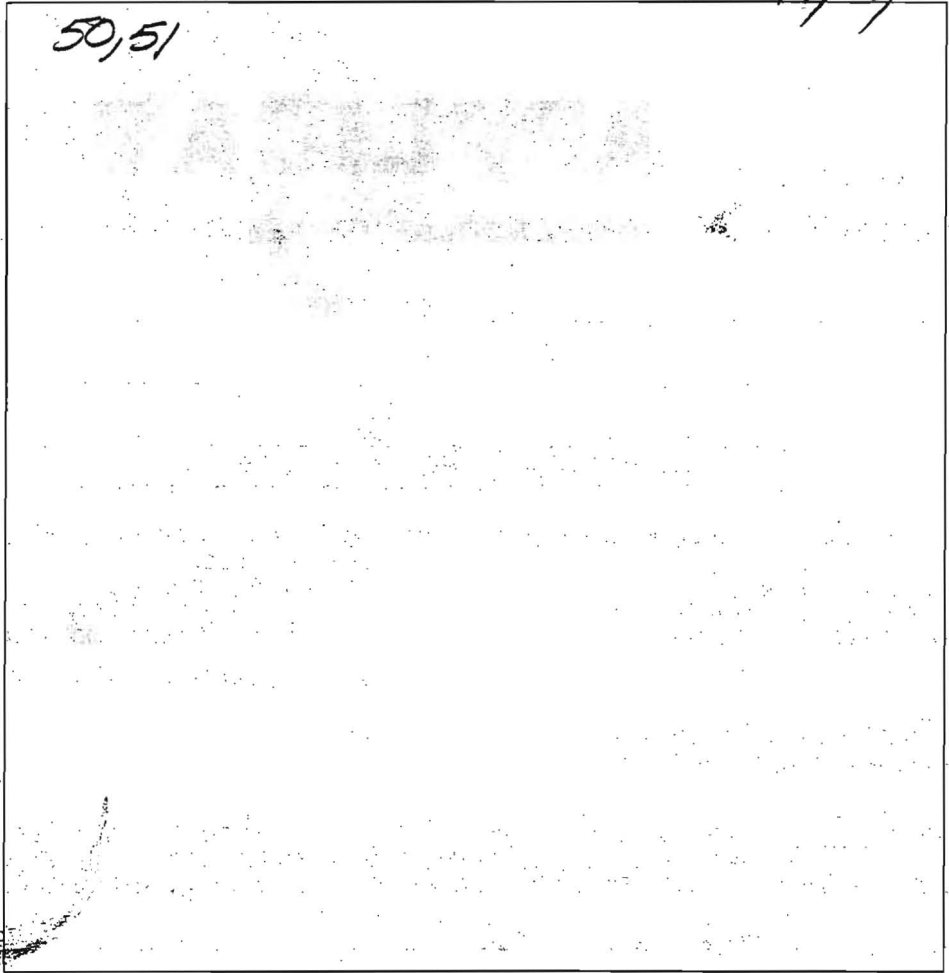


ADDITIONAL HOLES TESTED FOR LOT 19, 23

A/P  
 223A  
 Brown/Red  
 Brown  
 Loam 2'  
 Red Brown  
 Silty  
 Loam 2 1/2'  
 Red/Yellow  
 Silty  
 Loam  
 Silty  
 Loam  
 L590  
 Rock  
 HARD  
 BOTTOM 12'

221A  
 Red  
 Brown  
 Loam 2 1/2'  
 Yellow  
 Brown  
 Silty  
 Loam  
 L590  
 Rock  
 HARD  
 BOTTOM 12'

3A  
 Brown  
 Loam 18"  
 Red  
 Brown  
 Silty  
 Loam 4 1/2'  
 Red  
 Silty  
 Loam  
 Light  
 Brown  
 Silty  
 Loam  
 L590  
 Rock  
 HARD  
 BOTTOM 11'



63A  
 Brown  
 Loam 1'  
 Red  
 Brown  
 Gravelly  
 Silty  
 Loam 4'  
 Red  
 Silty  
 Loam 5/2'  
 Yellow  
 Silty  
 Loam  
 L590  
 Rock  
 HARD  
 BOTTOM 1 1/2'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3/12/04	223A	5' / 12'	10 <sup>03</sup>	10 <sup>08</sup>	10 <sup>13</sup>	5min	P
	221A	5' / 12'	10 <sup>16</sup>	10 <sup>19</sup>	10 <sup>25</sup>	6min	P
3/12/04	3A	5 1/2" / 11'	10 <sup>42</sup>	10 <sup>48</sup>	10 <sup>54</sup>	6min	F
	63A	6 1/2" / 11 1/2'	11 <sup>04</sup>	11 <sup>07</sup>	11 <sup>10</sup>	3min	P

REMARKS \_\_\_\_\_  
 SANITARIAN FR BACKHOE Write Encoder OTHERS Mark Johnson  
Rob Straley  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

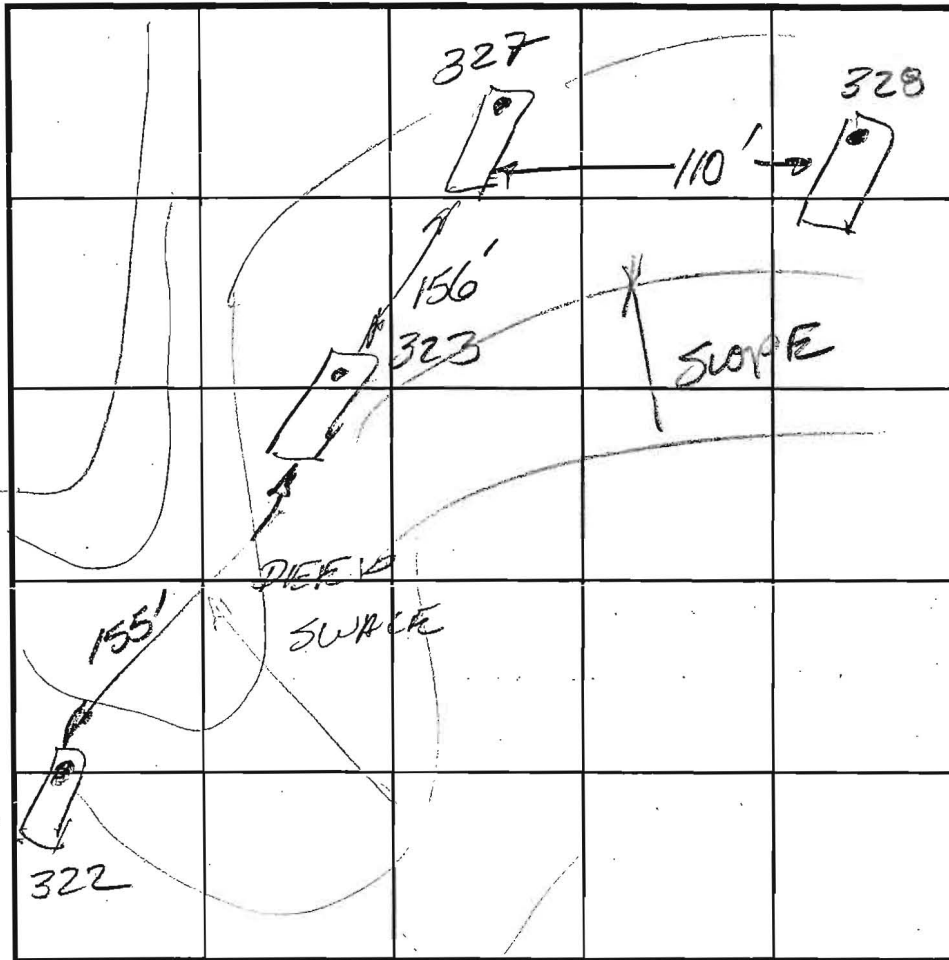
COUNTY #

SOIL PROFILE

0' **318**  
 Brown loam 10"  
 Red Brown Sil loam  
 Sil loam w/ 50% Cherty & Stony mica schist Rock Frag  
 HARD BOTTOM 8'

**327**  
 Brown loam 10"  
 Yellow Brown Sil clay loam 2'  
 Gravelly Sil loam w/ 25-40% Cherty mica schist 4'  
 Yellow Brown Red Brown Sil loam w/ 20-30% mica schist 1 1/2'

**323**  
 Brown loam 1 1/2'  
 Yellow Brown Sil loam 4'  
 Gravelly Sil loam w/ mica schist 4 1/2'  
 Yellow Brown Red Brown Sil loam w/ mica schist 12'



SOIL PROFILE

0' **322**  
 Brown loam 10"  
 Yellow Sil clay loam 1 1/2'  
 Brown Gravelly Sil clay loam 2'  
 Yellow Brown Sil loam w/ 5-10% Cherty mica schist 12'

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	327	6 1/2' / 11 1/2'	9:41	9:44	9:44	9:51	7 min
	328	NOT TESTED	EDGES NOT PROVIDE ADEQUATE 4" BUFFER		ADEQUATE		
	323	5 1/2' / 12'	9:53	9:57	9:57	10:01	4 min
	322	5 1/2' / 12'	10:04	10:08	10:08	10:12	4 min

REMARKS \_\_\_\_\_ *Dak Johnson*  
 TYPE OF SOIL \_\_\_\_\_ *Bob Sharsley*  
 TESTED BY *FA* ALSO PRESENT *Mak Johnson*  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

513924

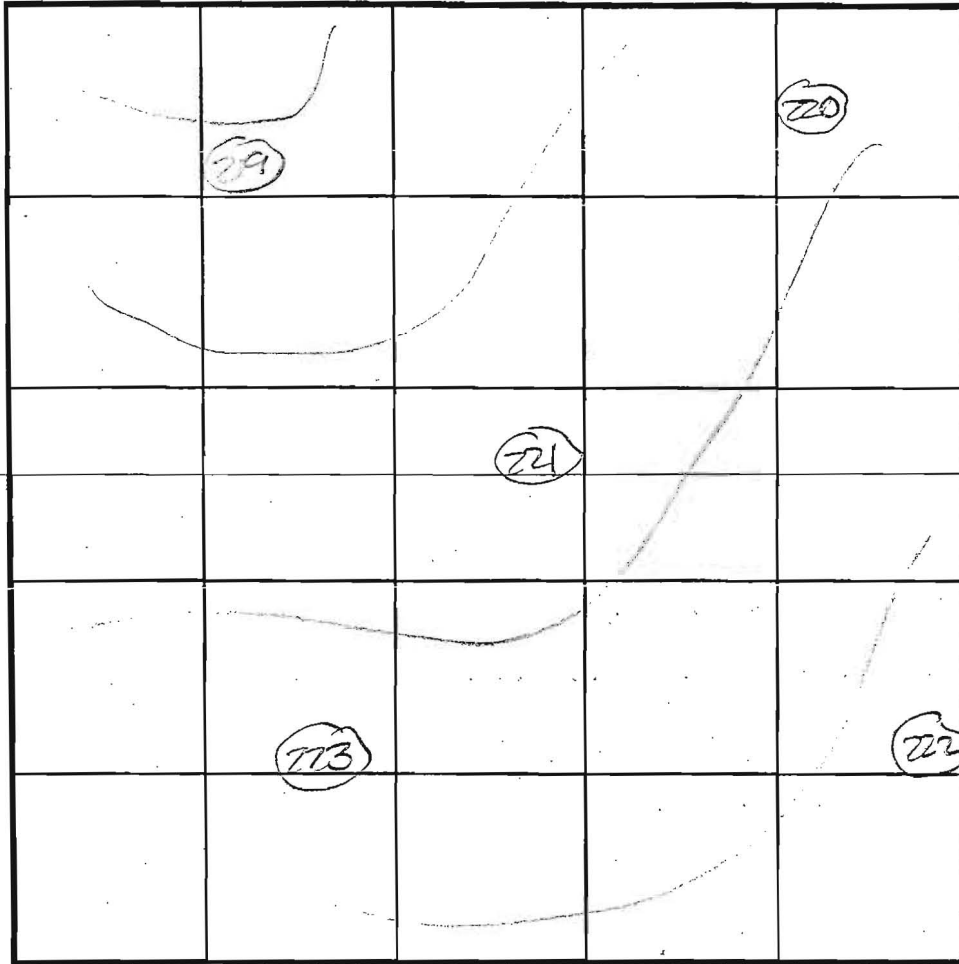
COUNTY #

SOIL PROFILE

0' 722  
 Dk Brown loam 10"  
 Brown Clay loam 3'  
 Lt Brown Silty loam  
 Distal/ Cherty 30-50% MICA SHEETS HARD BOTTOM 7'

219  
 Brown loam 6"  
 Brown Clay loam  
 Grey loam 6"  
 12 1/2'

721  
 Brown loam 1'  
 Brown Clay loam 4'  
 Red Tan Silty Clay loam  
 10-25% Cherty nodules 13'



SOIL PROFILE

0' 723  
 Dk Brown loam 1 1/2'  
 Red Silty Clay loam 4'  
 Red Tan Silty Clay loam  
 10-30% Cherty rock 14'  
 720 Brown loam 2"  
 Red Clay loam 3 1/2'  
 Silty loam - loam sand 6'  
 30-50% Cherty rock 12 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/26/03	222	4' / 7'	1:05	1:18	1:18	1:33	15min	F
		ONLY 3' BUFFER OF SHALLOW ROCK BOTTOM						
	219	8' / 12 1/2'	1:23	1:53	TEST STOPPED 3/4" ON 1 1/2" INCH			F
		DEEP CLAY REFUSAL						
	221	6' / 13'	1:32	1:48	1:48	2:18	30min	P
	723	6 1/2' / 14'	1:45	1:48	1:48	1:55	7min	P
	220	7' / 12 1/2'	2:11	2:14	2:14	2:16	2min	P
		Rock content 9 1/2%						

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY FA/KW ALSO PRESENT Bob Sheesley Mark Johnson  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

CURVE	RADIUS	ARC	DELTA	TANGENT	CHORD
51-52	325.00'	192.00'	33°50'52"	98.89'	N18°40'39"W 189.22'
120-61	50.00'	143.47'	164°24'08"	365.06'	N73°04'00"W 99.08'
62-63	520.00'	137.47'	15°08'49"	69.14'	N16°42'28"E 137.07'
64-119	120.00'	81.18'	38°45'35"	42.21'	S43°39'40"W 79.64'
82-179	275.00'	146.15'	30°26'58"	74.84'	S16°58'42"E 144.43'
84-192	265.00'	48.36'	10°27'22"	24.25'	S30°22'24"W 48.29'

PLAT FOR RECORD  
 JUL 27 2007  
 JUL 27 2007

Copy of Record Plat

LEGEND

	EXISTING SEWER CREDIT & UTILITY EASEMENT
	EXISTING SEPTIC EASEMENT (SEE GENERAL NOTE 14 ON SHEET 1)
	EXISTING 100-YEAR FLOODPLAIN
	EXISTING FOREST CONSERVATION EASEMENT
	EXISTING UTILITY EASEMENTS
	PRIVATE USE-IN-CANNOCK ACCESS EASEMENTS

LEON PARCEL 26 & WIFE FRANKLIN C. DEVLIN ZONED: RC-100  
 ACCESS, EASEMENTS, EGRESS, ETC. AS SHOWN ON THIS PLAN.  
 JUL 27 2007

GRID-NORTH  
 N 579.750  
 E 1,304.600

LEON PARCEL 26 & WIFE FRANKLIN C. DEVLIN ZONED: RC-100  
 ACCESS, EASEMENTS, EGRESS, ETC. AS SHOWN ON THIS PLAN.  
 JUL 27 2007

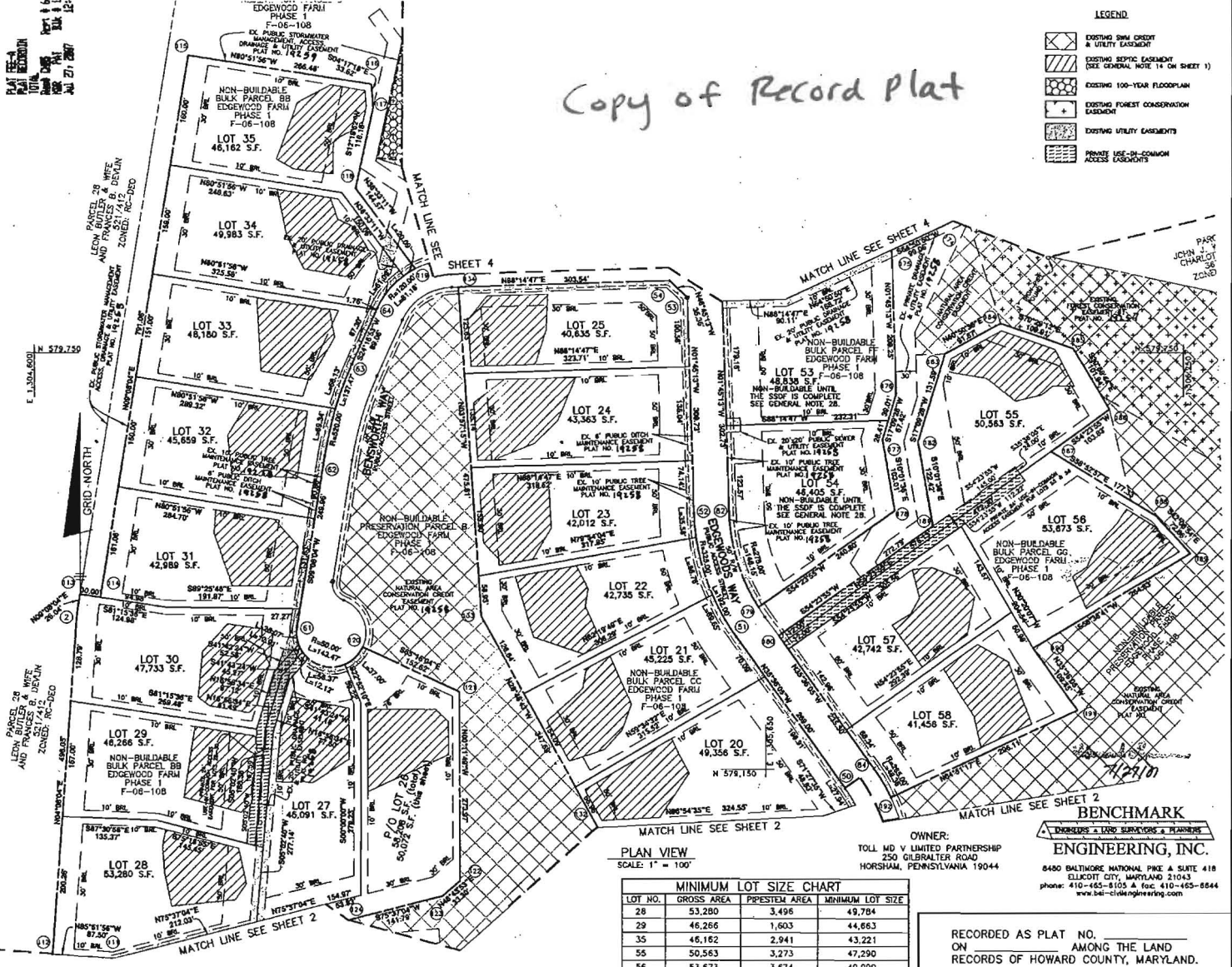
THE REQUIREMENTS § 3-106, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAN AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

*Donald A. Mason* 5/8/07  
 DONALD A. MASON  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 MARYLAND NO. 21320

*William M. Hahn* 5/14/07  
 WILLIAM M. HAHN  
 TOLL MD V LIMITED PARTNERSHIP

AREA TABULATION CHART

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED	21 and P/O 1
BUILDABLE	0
OPEN SPACE	0
BUILDABLE PRESERVATION PARCELS	0
NON-BUILDABLE PRESERVATION PARCELS	0
NON-BUILDABLE BULK PARCELS	0
TOTAL AREA OF LOTS AND/OR PARCELS TO BE RECORDED	23,448 AC.
BUILDABLE	N/A
OPEN SPACE	N/A
BUILDABLE PRESERVATION PARCELS	N/A
NON-BUILDABLE PRESERVATION PARCELS	N/A
NON-BUILDABLE BULK PARCELS	N/A
TOTAL AREA OF ROADWAY TO BE RECORDED (INCLUDING WIDENING STRIPS)	N/A
TOTAL AREA OF SUBDIVISION TO BE RECORDED	23,448 AC.



MINIMUM LOT SIZE CHART

LOT NO.	GROSS AREA	PREFERRED AREA	MINIMUM LOT SIZE
28	53,280	3,495	49,784
29	46,266	1,603	44,663
35	46,162	2,941	43,221
55	50,563	3,273	47,290
56	53,673	3,674	49,999

BENCHMARK  
 ENGINEERS & LAND SURVEYORS & PLANNERS  
 ENGINEERING, INC.  
 8480 BALTIMORE NATIONAL PIKE & SUITE 418  
 ELICOTT CITY, MARYLAND 21043  
 phone: 410-465-8103 & fax: 410-465-8644  
 www.benchmarkengineering.com

RECORDED AS PLAT NO. \_\_\_\_\_  
 ON \_\_\_\_\_ AMONG THE LAND  
 RECORDS OF HOWARD COUNTY, MARYLAND.

APPROVED: FOR PRIVATE WATER, PRIVATE SEWER AND SHARED SEPTIC SYSTEMS, USE OF THE SHARED SEWERAGE SYSTEM IS IN CONFORMANCE WITH THE COUNTY PLAN, HOWARD COUNTY HEALTH DEPARTMENT

*B. Williams* 6/8/2007  
 HOWARD COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

*Donald A. Mason* 7/6/07  
 DONALD A. MASON  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 MARYLAND NO. 21320

*William M. Hahn* 7/26/07  
 WILLIAM M. HAHN  
 TOLL MD V LIMITED PARTNERSHIP

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL OF LAND ACQUIRED BY TOLL MD V LIMITED PARTNERSHIP FROM EDGEWOOD FARM, INC. BY DEED DATED MAY 4, 2007, AND RECORDED IN LIBER 10577 AT FOLIO 461 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE ROADS BY HOWARD COUNTY, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

MDR PLAT NO. 19268  
 RECEIVED JUL 27 2007  
 FOR RECORD

OWNER'S CERTIFICATE

TOLL MD V LIMITED PARTNERSHIP, OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY, AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY, WITHIN OUR HANDS THIS 14TH DAY OF MAY, 2007.

*William M. Hahn* 5/14/07  
 WILLIAM M. HAHN  
 TOLL MD V LIMITED PARTNERSHIP

EDGEWOOD FARM  
 PHASE 2  
 LOTS 6 - 60 AND  
 NON-BUILDABLE PRESERVATION PARCELS 'H' AND 'I'  
 A RESUBDIVISION OF  
 NON-BUILDABLE BULK PARCELS 'AA'-'HH'  
 PLAT NOS. 14155 - 19261  
 SP-05-014 F-06-108 RE-06-10

FOURTH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND  
 TAX MAP: 21  
 GRID: 22  
 PARCEL: 90  
 ZONED: RC-002

SCALE: AS SHOWN  
 DATE: MAY, 2007  
 SHEET: 3 OF 4

## Williams, Jeffrey

---

**From:** Williams, Jeffrey  
**Sent:** Thursday, May 15, 2014 10:36 AM  
**To:** 'Michael Boyce'  
**Cc:** 'Ryan Ketner'  
**Subject:** Edgewood Farm lot 57

I've reviewed the combo BAT plan/perc cert and have the following comments:

- We'd like to see a separate perc cert plan without any of the BAT septic design details on it. Just the perc cert notes, and site plan including the area to be removed and area to be added.
- The current plan does not have a Health Officer signature block. The perc cert needs one stating approved for private water and sewer.
- There are several failing perc holes in the area that are not shown on the plan. One of them, hole 222, is in the back right corner of the lot. For that reason, we will not allow the area to be added to extend beyond the current boundary in that direction. You don't necessarily need to make up the same amount of area taken away, just make up enough to get back to at least 10,000 sq ft. You could make some up by going towards hole 222 more, but make sure to stay 100' from the neighboring wellbox. You could also go to 5' from the prop line near lot 58.
- For the BAT plan, I think you could keep the d-box in the back corner and put two trenches on the same contour extending in both directions, one towards hole 323 and the other towards the tank. That would maximize the area a bit more.

Thanks.


Jeff Williams  
Program Supervisor, Well & Septic Program  
Bureau of Environmental Health  
Howard County Health Dept.  
410-313-4261  
[jewilliams@howardcountymd.gov](mailto:jewilliams@howardcountymd.gov)

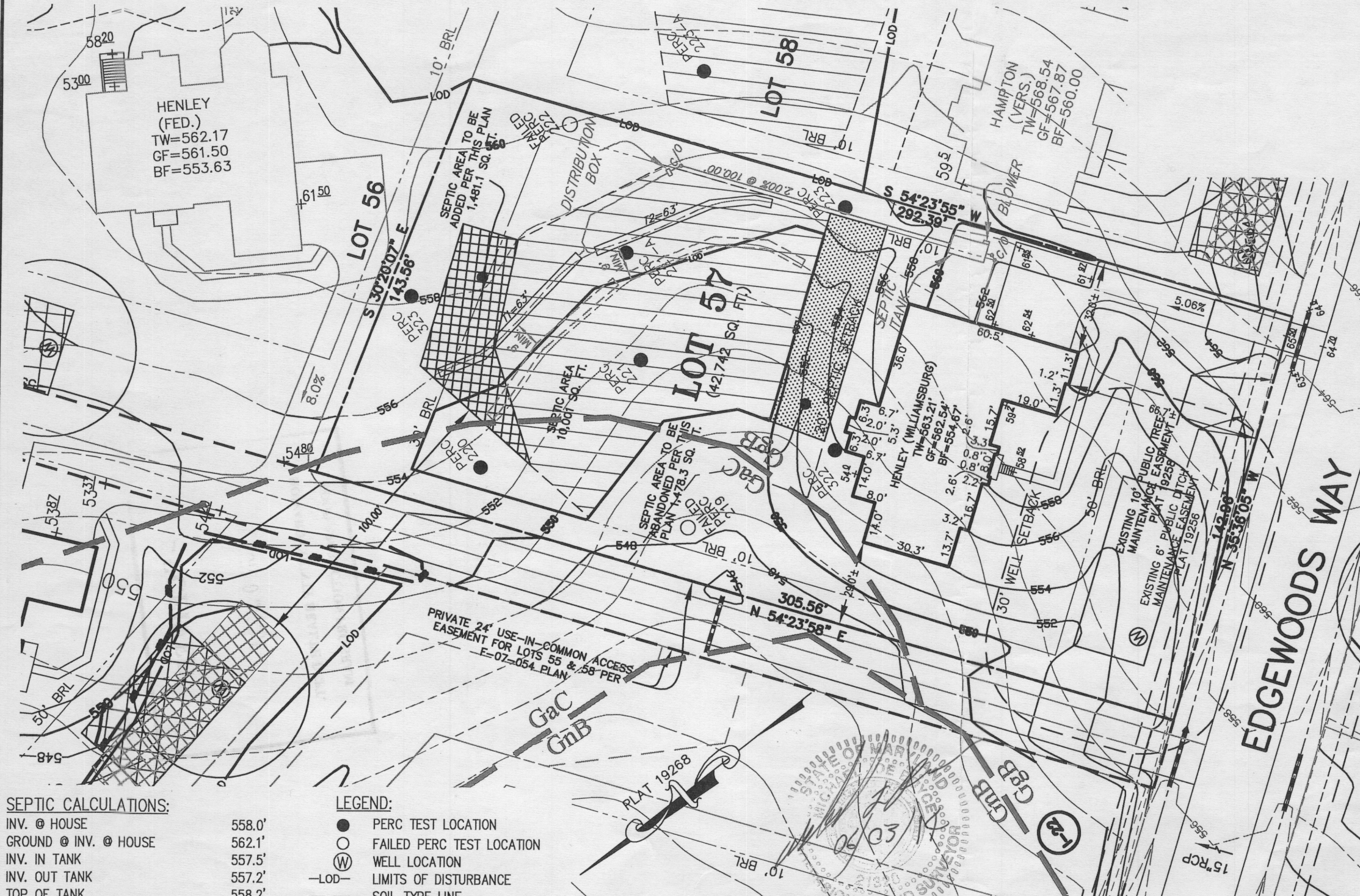
### CONFIDENTIALITY NOTICE

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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.

**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: 35,979 SQ. FT. / 0.82 AC.±
5. STORMWATER MANAGEMENT PER PLAN F-07-054.
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-07-054.
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-95-1057 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 PER F-07-054.
15. SOIL TYPES FOR THIS LOT ARE GaC AND 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 DOESN'T AFFECT THE 10,000 SQUARE FOOT MINIMUM.



**SEPTIC CALCULATIONS:**

INV. @ HOUSE	558.0'
GROUND @ INV. @ HOUSE	562.1'
INV. IN TANK	557.5'
INV. OUT TANK	557.2'
TOP OF TANK	558.2'
GROUND OVER TANK	560.5'
INV. IN DIST. BOX	555.2'
INV. OUT DIST. BOX	554.9'
GROUND @ BOX	557.7'

**HOUSE OPTIONS:**

TYPE: HENLEY (WILLIAMSBURG)  
 WALKOUT BASEMENT  
 CONSERVATORY ELITE ADDITION  
 ADD'L 1' TO BASEMENT FOUNDATION WALLS  
 BEDROOM SUITES ABOVE AN ELITE ADDITION


**LEGEND:**

- PERC TEST LOCATION
- FAILED PERC TEST LOCATION
- ⊙ WELL LOCATION
- LOD- LIMITS OF DISTURBANCE
- - - SOIL TYPE LINE
- GaC GAILA LOAM, 8 TO 15 PERCENT SLOPES
- GgB GLENELG LOAM, 3 TO 8 PERCENT SLOPES
- GnB GLENNVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES
- TW TOP OF WALL
- GF GARAGE FLOOR
- BF BASEMENT FLOOR
- BRL BUILDING RESTRICTION LINE

OPTION No. 017 APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS  
 OPTION No. 039  
 OPTION No. 070 HOWARD COUNTY HEALTH DEPARTMENT  
 OPTION No. 521

*Mauro Rossman* 6/16/2014  
 COUNTY HEALTH OFFICER DATE

PERC CERT REVISION  
 LOT 57  
**EDGEWOOD FARM**  
 LIBER 10677, FOLIO 461  
 PLAT No. 19268  
 TAX No. 04-372867  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 ADDRESS: 14528 EDGEWOODS WAY  
 GLENELG, MARYLAND

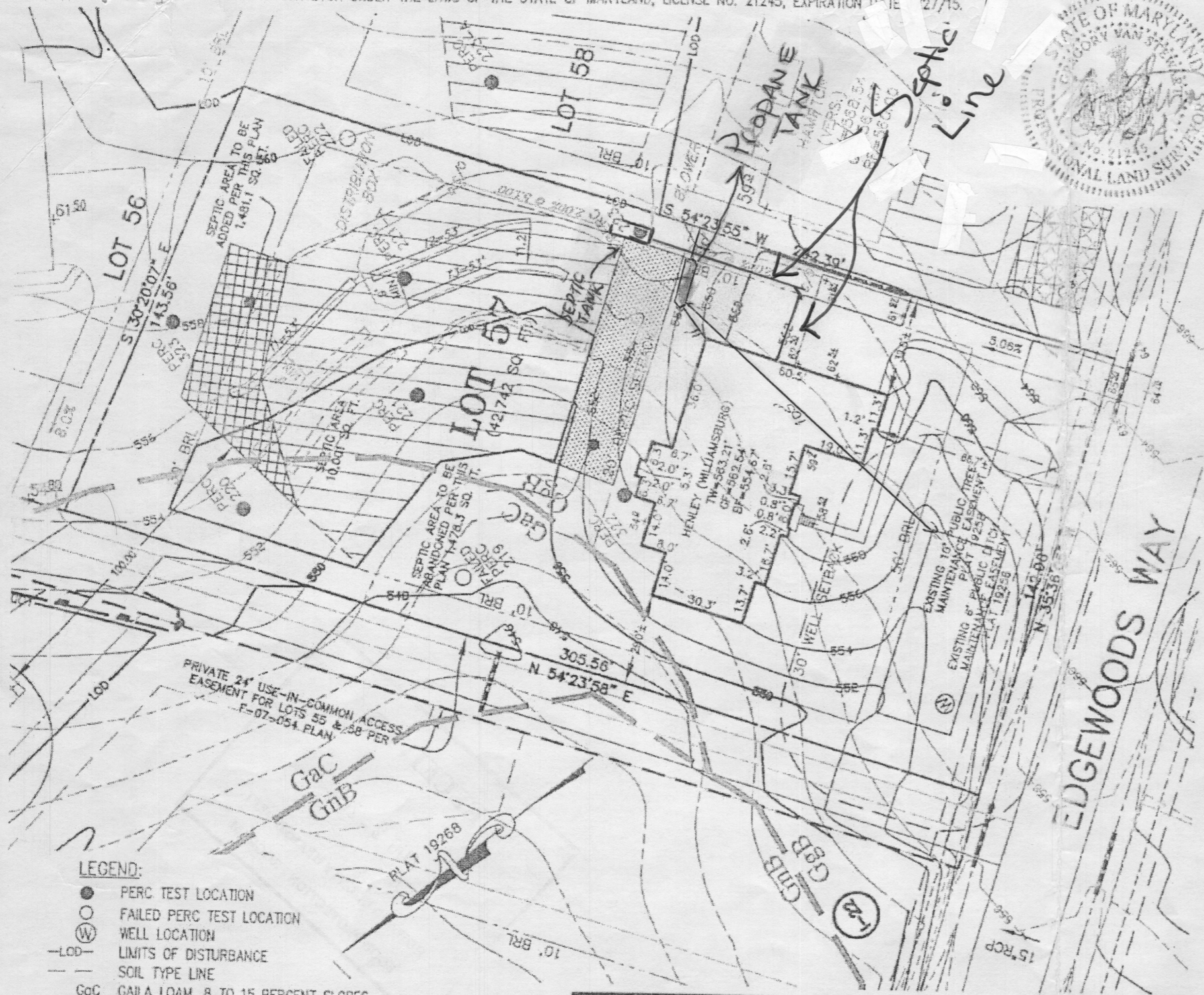
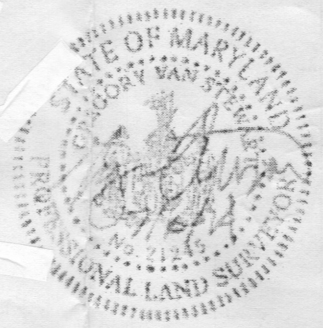


**Land Planning  
 Engineering  
 Land Surveying**

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

DATE: 06/03/14      SCALE: 1"=40'      FILE: PERC CERT REV LOT 57  
 CHK'D: M.J.B      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 12/27/15.



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: 37,327 SQ. FT. / 0.86 AC.±
5. STORMWATER MANAGEMENT PER PLAN F-07-054.
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.
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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-07-054.
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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-07-054.
15. SOIL TYPES FOR THIS LOT ARE GcC AND GcB, 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 DOESN'T AFFECT THE 10,000 SQUARE FOOT MINIMUM.

LEGEND:

- PERC TEST LOCATION
- FAILED PERC TEST LOCATION
- ⊙ WELL LOCATION
- LOD- LIMITS OF DISTURBANCE
- - - SOIL TYPE LINE
- GcC GAILA LOAM, 8 TO 15 PERCENT SLOPES
- GcB GLENELG LOAM, 3 TO 8 PERCENT SLOPES
- GnB GLENVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES
- TW TOP OF WALL
- GF GARAGE FLOOR
- BF BASEMENT FLOOR
- BRL BUILDING RESTRICTION LINE

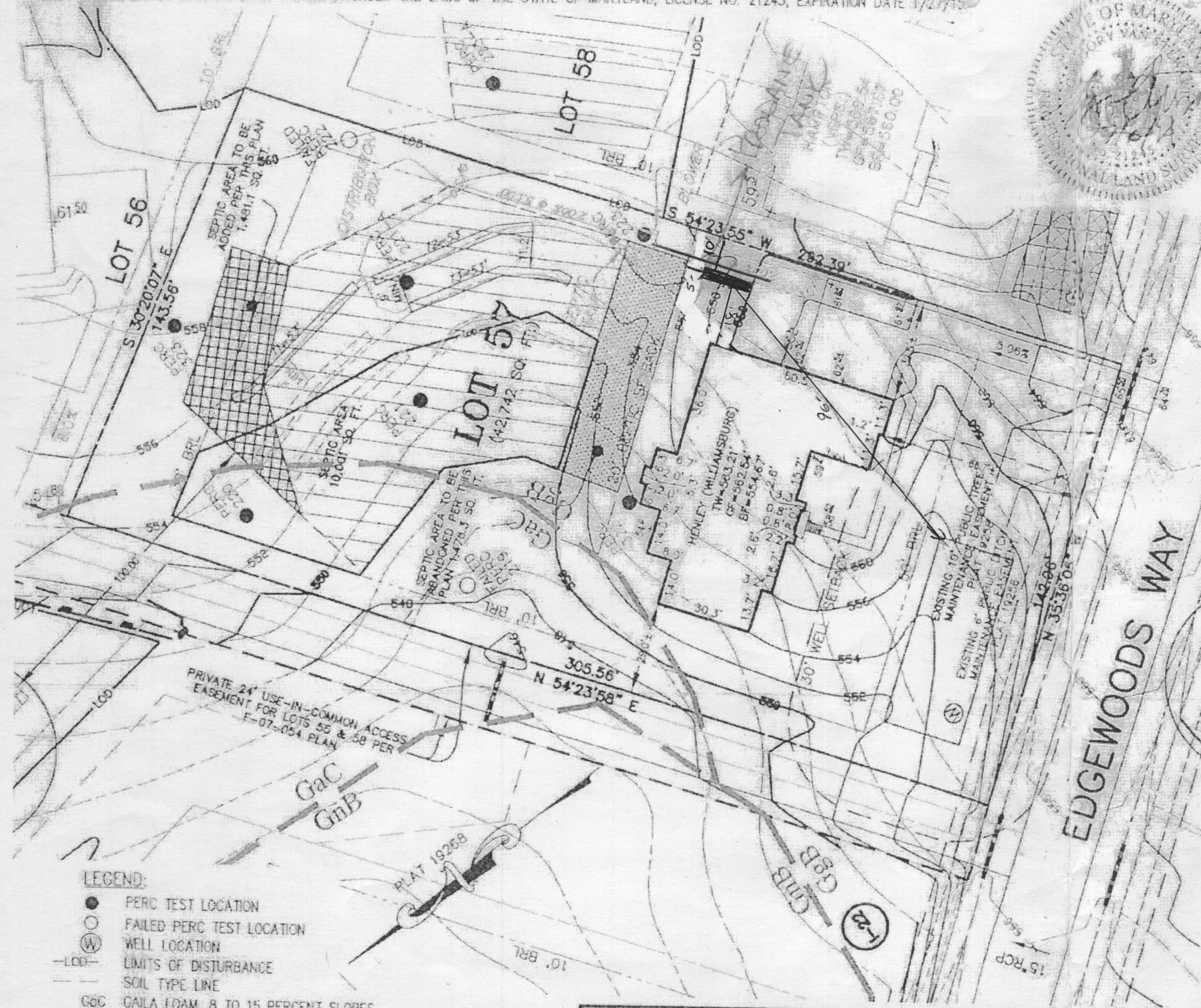
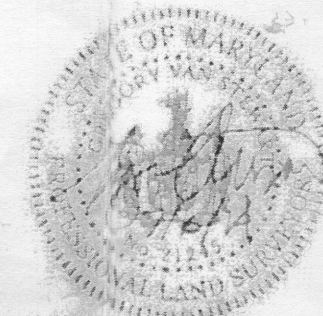
OPTION No. 017 APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS  
 OPTION No. 039  
 OPTION No. 070 HOWARD COUNTY HEALTH DEPARTMENT  
 OPTION No. 521

PERC CERT REVISION  
 LOT 57  
**EDGEWOOD FARM**  
 LIBER 10677, FOLIO 461  
 PLAT No. 19268  
 TAX No. 04-372867  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 ADDRESS: 14528 EDGEWOODS WAY  
 GLENELG, 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

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



**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: 37,327 SQ. FT. / 0.86 AC±
5. STORMWATER MANAGEMENT PER PLAN F-07-054.
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-07-054.
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-95-1057 HAS BEEN FIELD LOCATED BY ESE CONSULTANTS - PROFESSIONAL LAND SURVEYOR(S), AND IS ACCURATELY SHOWN.
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DATE: 07/10/14      SCALE: 1"=40'      FILE: PERC CERT REV LOT 57\_rev 2

**REVISED #2**  
 Date: 9-18-14  
 Comments: raise per health - tank relocation  
 B1400308/