

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

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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

A55534

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Wessel Property LOT # _____

PROPERTY ADDRESS 6860 Norris Lane Elkridge 21075
STREET TOWN ZIP

TAX ACCOUNT # 163981 TAX MAP 31 GRID 12 PARCEL 145 ZONING DESIGNATION R-ED

PROPERTY OWNER(S) Kenneth & Gail Wessel

DAYTIME PHONE _____ CELL _____ EMAIL _____

MAILING ADDRESS 6860 Norris Lane Elkridge 21075
STREET CITY, STATE ZIP

APPLICANT Donald Reuwer RELATIONSHIP TO OWNER: Contract Buyer

DAYTIME PHONE 443-367-0422 CELL _____ EMAIL dreuwer@ldandd.com

MAILING ADDRESS 5300 Dorsey Hall Dr. Suite 102 Ellicott City, md 21042
STREET CITY, STATE ZIP

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):

BUILDING:

- RESIDENTIAL WITH 4 or 5 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
- COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

PROPERTY:

- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: 2
- CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
- REPAIR OR REPLACE FAILING OSDS
- UPGRADE EXISTING OSDS

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- YES
- NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

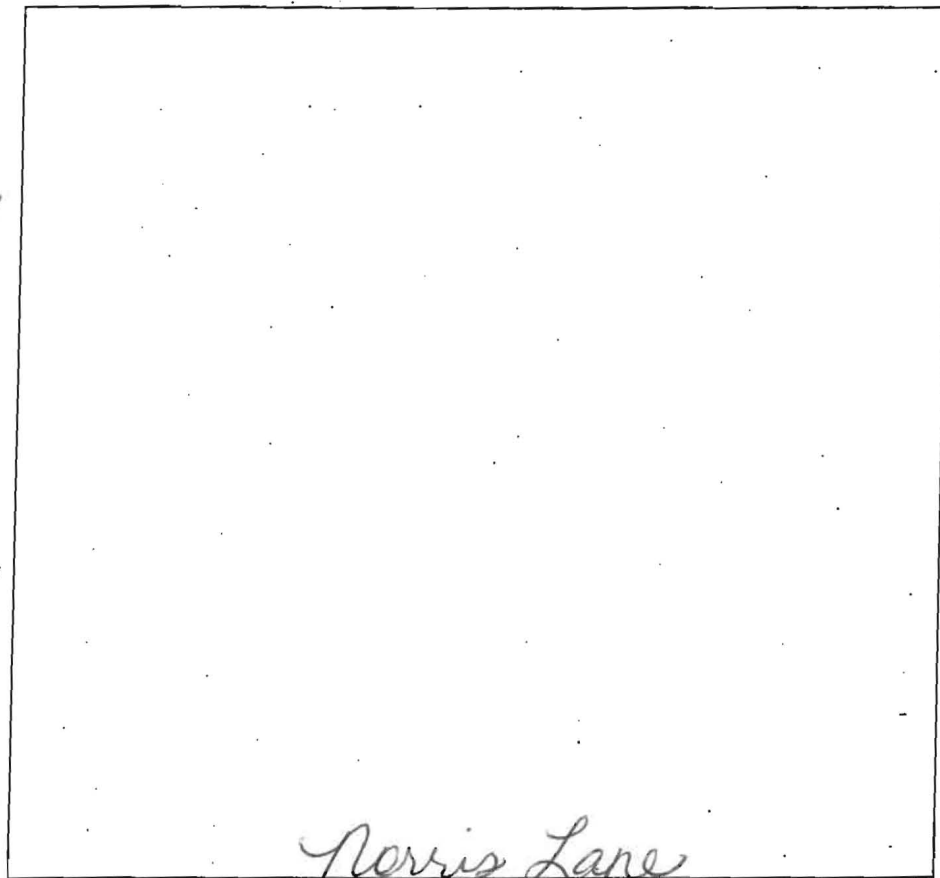
 SIGNATURE OF APPLICANT

 DATE

HOWARD COUNTY PERC TEST REPORT

A/P# _____

Lot # _____



Hole # 50
 Red Brown
 yellow
 SL
 ↓
 4'
 10'

Hole # 53
 Red Brown
 yellow
 Dense
 SL
 ↓
 3.5'

Hole # 51
 Red Brown
 yellow
 SL
 shale
 5-10%
 RL
 ↓
 4.5'

Hole # 54
 Red Brown
 yellow
 SL
 ↓
 3'
 12'

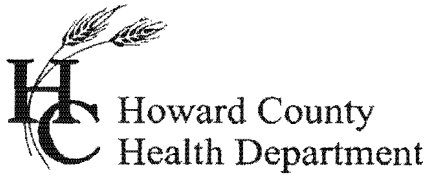
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-24-15	50	5/10	11:50	11:54	11:59	5min	P
2-24-15	51	5.5/12	2:28	2:36	2:46	10min	P
2-24-15	52	10	Vertical loss				P
2-24-15	53	4.5/11	2:56	3:13	3:28	15min	P
2-24-15	54	3/12	2:50	3:03	3:25	22min	P

Norris Lane

Hole # 52
 Red Brown
 yellow
 SL
 5-10%
 RL
 ↓
 4'
 manganese
 deposits
 12'

Hole # _____

REMARKS File Associated with Property P36810 A 35983
 SANITARIAN Bernard BACKHOE _____
 OTHERS Jony Fullea SQ. FT/BR _____
 TEST HOLES USED IN SDA _____ AVG PERC TIME _____
 TRENCH WIDTH _____ INLET DEPTH _____
 MAX BOT DEPTH _____ EFFECTIVE SDW _____



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8930 Stanford Drive Columbia, MD 21045
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TDD (410) 313-2323 Toll Free 1-866-313-6300
Website: www.hchealth.org

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

Date: March 3, 2015

To: Fisher, Collins, and Carter, Inc.
C/o Toni Fertitta
10272 Baltimore National Pike
Ellicott City, Maryland 21042

RE: **Percolation Testing Report**
6860 Norris Lane
Tax Map 31, Parcel 145
A555314

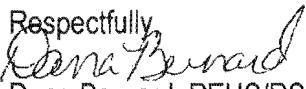
Mr. Fertitta,

Percolation testing was conducted on the referenced property on February 24, 2015. The purpose for conducting these percolation tests was for an anticipated establishment of a sewage disposal area.

A total of (5) five test holes were evaluated and five were found to be satisfactory with moderate percolation. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation for the five (5) percolation test holes which were satisfactory. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,

Dana Bernard, REHS/RS
Environmental Specialist II
Well and Septic Program

Enclosures (2)
Cc: File

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Friday, November 21, 2014 1:02 PM
To: tonyf@fcc-eng.com
Cc: Bernard, Dana
Subject: 6860 Norris Ln perc app
Attachments: A35983_01-163981_6860_NORRIS_LANE.pdf

After reviewing the perc app for 6860 Norris Ln, it appears that the septic area for the existing house as shown on the plan differs from the approved area in our file. Please revise the test plan to show the area as staying in its existing location (with perc holes located). If you are shifting the area as part of this proposal, new tests may be needed. Thanks

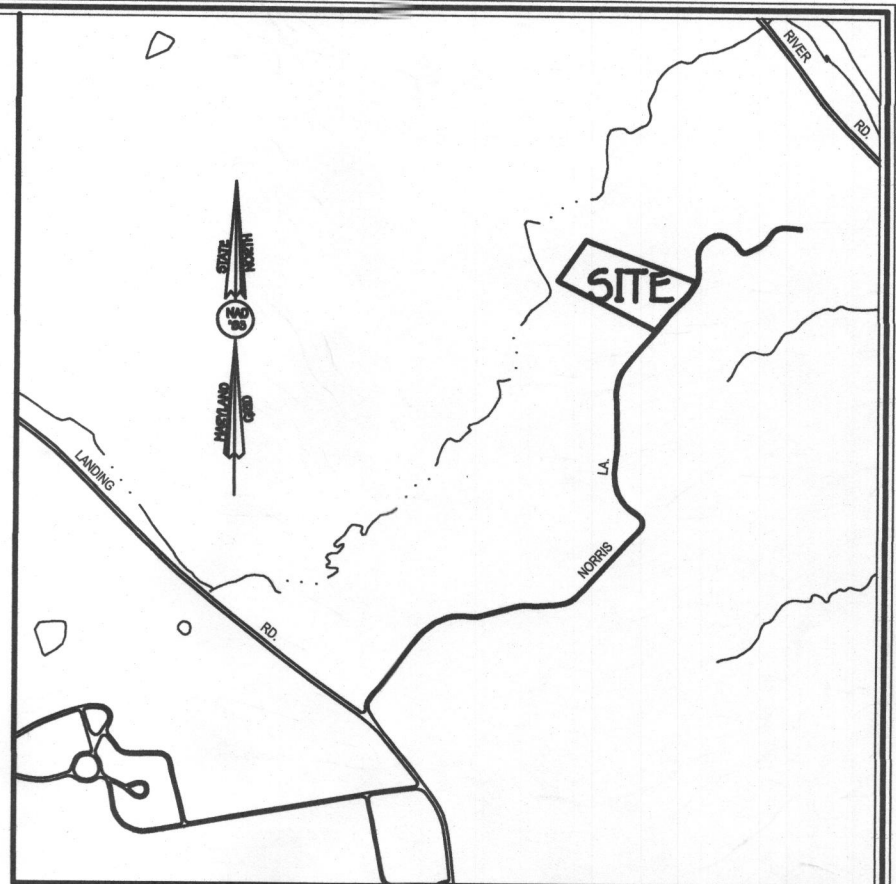
Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

CONFIDENTIALITY NOTICE

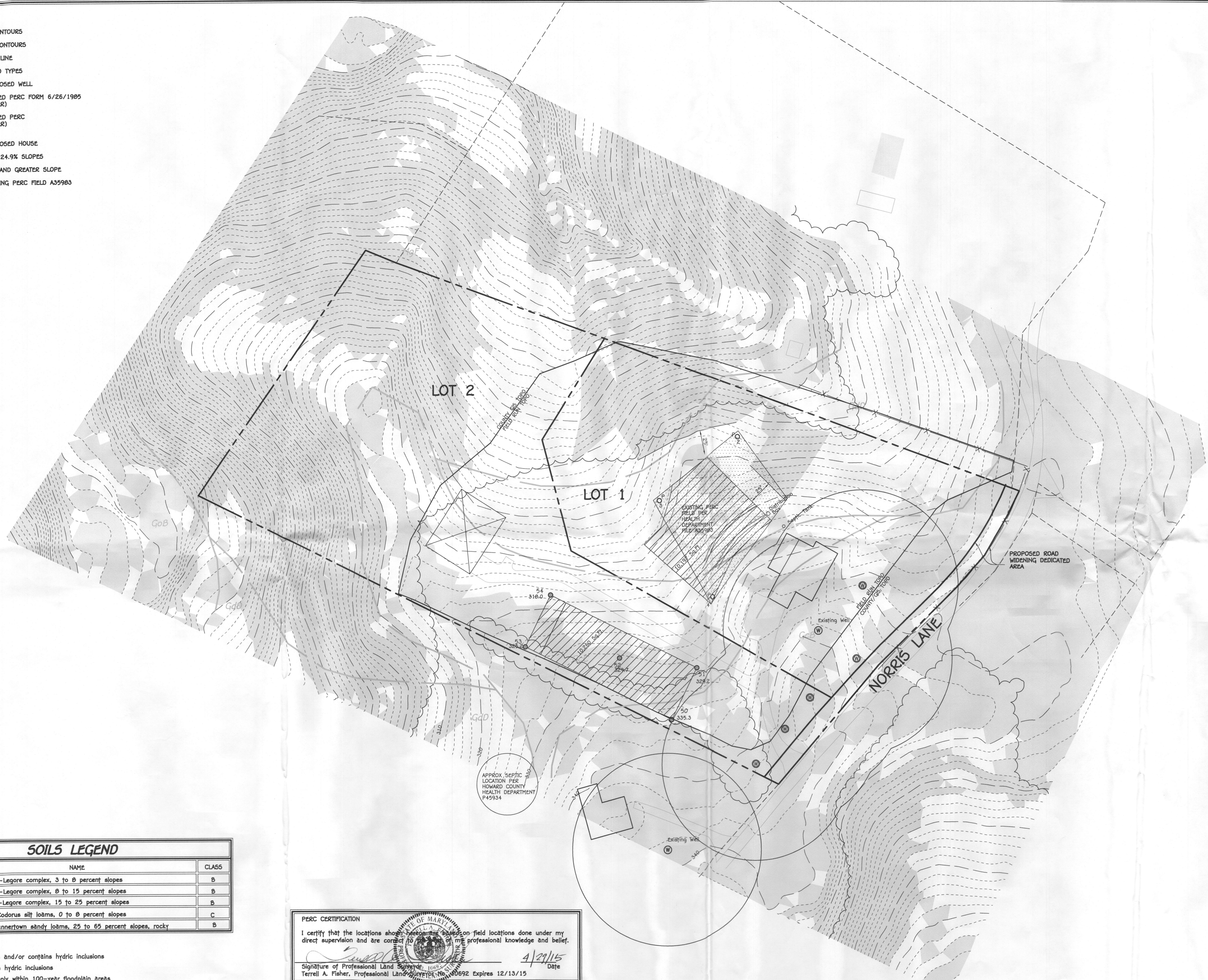
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LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- - - EXISTING TREE LINE
- SOIL LINES AND TYPES
- (M) DENOTES PROPOSED WELL
- PO₅₄ DENOTES PASSED PERC FORM 6/26/1985 54 (FT. NUMBER)
- PO₅₄ DENOTES PASSED PERC 54 (FT. NUMBER) 318.0 (ELEV.)
- DENOTES PROPOSED HOUSE
- ▨ DENOTES 15%-24.9% SLOPES
- ▩ DENOTES 25% AND GREATER SLOPE
- ▧ DENOTES EXISTING PERC FIELD A35983



VICINITY MAP
SCALE: 1" = 1200'



GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
7. A PORTION OF THE PROPERTY REFLECTS FIELD RUN TOPOGRAPHIC SURVEY ON APRIL 20, 2015 BY FISHER, COLLINS & CARTER, INC. AND THE OUTLINE IS LABELED "FIELD RUN TOPO". THE AREA OUTSIDE THE FIELD RUN TOPOGRAPHY IS DERIVED FROM HOWARD COUNTY GIS DATA SOURCE AND IS LABELED "COUNTY GIS TOPO". ELEVATIONS SHOWN ON PROPOSED PERCOLATIONS TEST HOLES ARE BASED ON THE FIELD TOPOGRAPHIC SURVEY.
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
10. DEED REFERENCE LIBER 1377 FOLIO 533.

SOILS LEGEND

SOIL	NAME	CLASS
GcB	Gladesone-Legore complex, 3 to 8 percent slopes	B
GcC	Gladesone-Legore complex, 8 to 15 percent slopes	B
GdD	Gladesone-Legore complex, 15 to 25 percent slopes	B
GoB	Glenville-Codorus silt loams, 0 to 8 percent slopes	C
MgF	Manor-Bannertown sandy loams, 25 to 65 percent slopes, rocky	B

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- † Generally only within 100-year floodplain areas

PERC 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.

Terrell A. Fisher
Signature of Professional Land Surveyor
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/15
Date: 4/29/15

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

Maura Rossman
Signature of Maura Rossman
County Health Officer
Date: 5/13/2015

THE PURPOSE OF THIS PLAN IS TO CREATE A NEW SEPTIC EASEMENT TO SUBSERVE AN EXISTING LOT OF RECORD

OWNER

KENNETH & GAIL WESSEL
8860 NORRIS LANE
ELK RIDGE MD, 21075

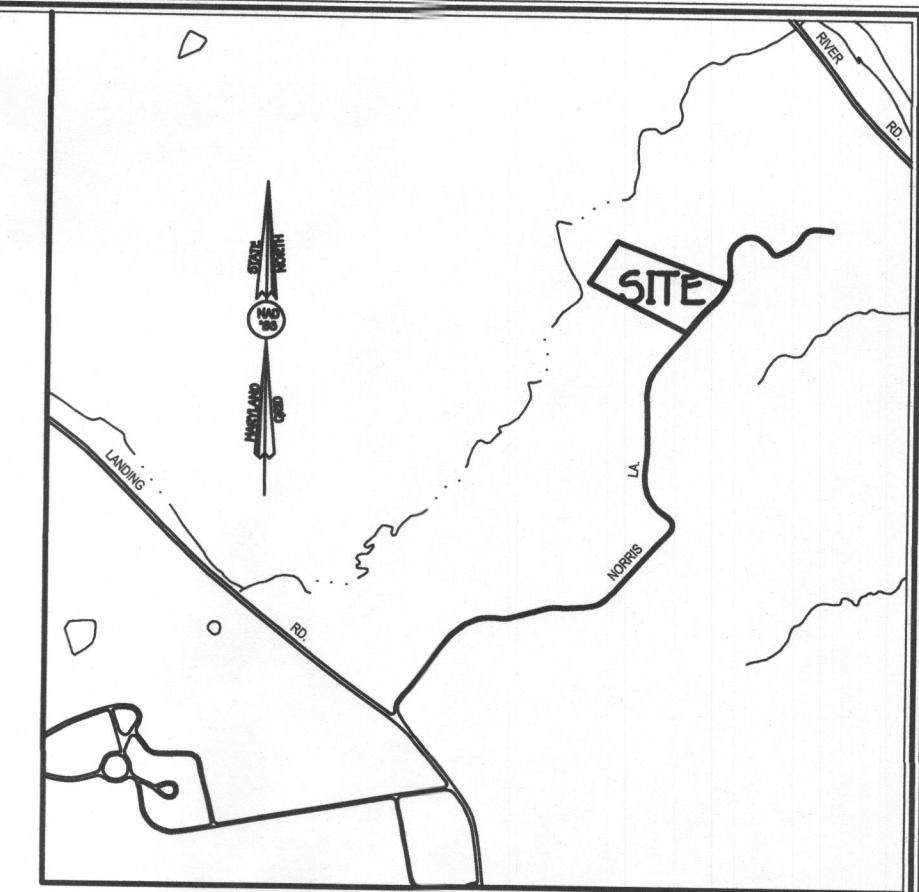
**PERC CERTIFICATION PLAT
LOTS 1 AND 2
WESSEL PROPERTY**

TAX MAP #31
1ST ELECTION DISTRICT
SCALE: 1" = 50'

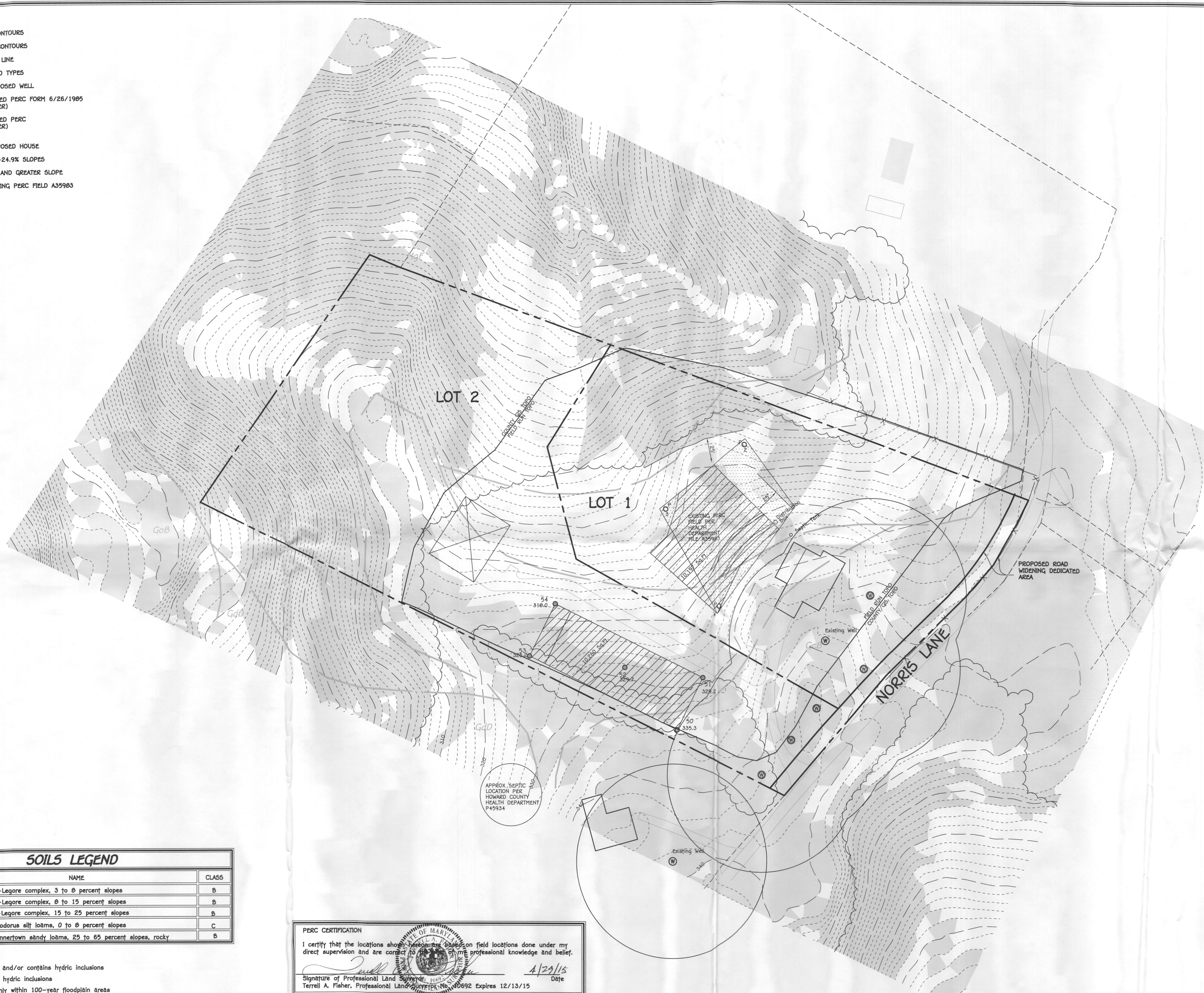
PARCEL: 145
HOWARD COUNTY, MARYLAND
DATE: APRIL 29, 2015

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- EXISTING TREE LINE
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Signature of Professional Land Surveyor, License No. 100692 Expires 12/13/15 Date

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HOWARD COUNTY HEALTH DEPARTMENT.

Mauna Roseman 5/13/2015
Signature of County Health Officer DATE

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