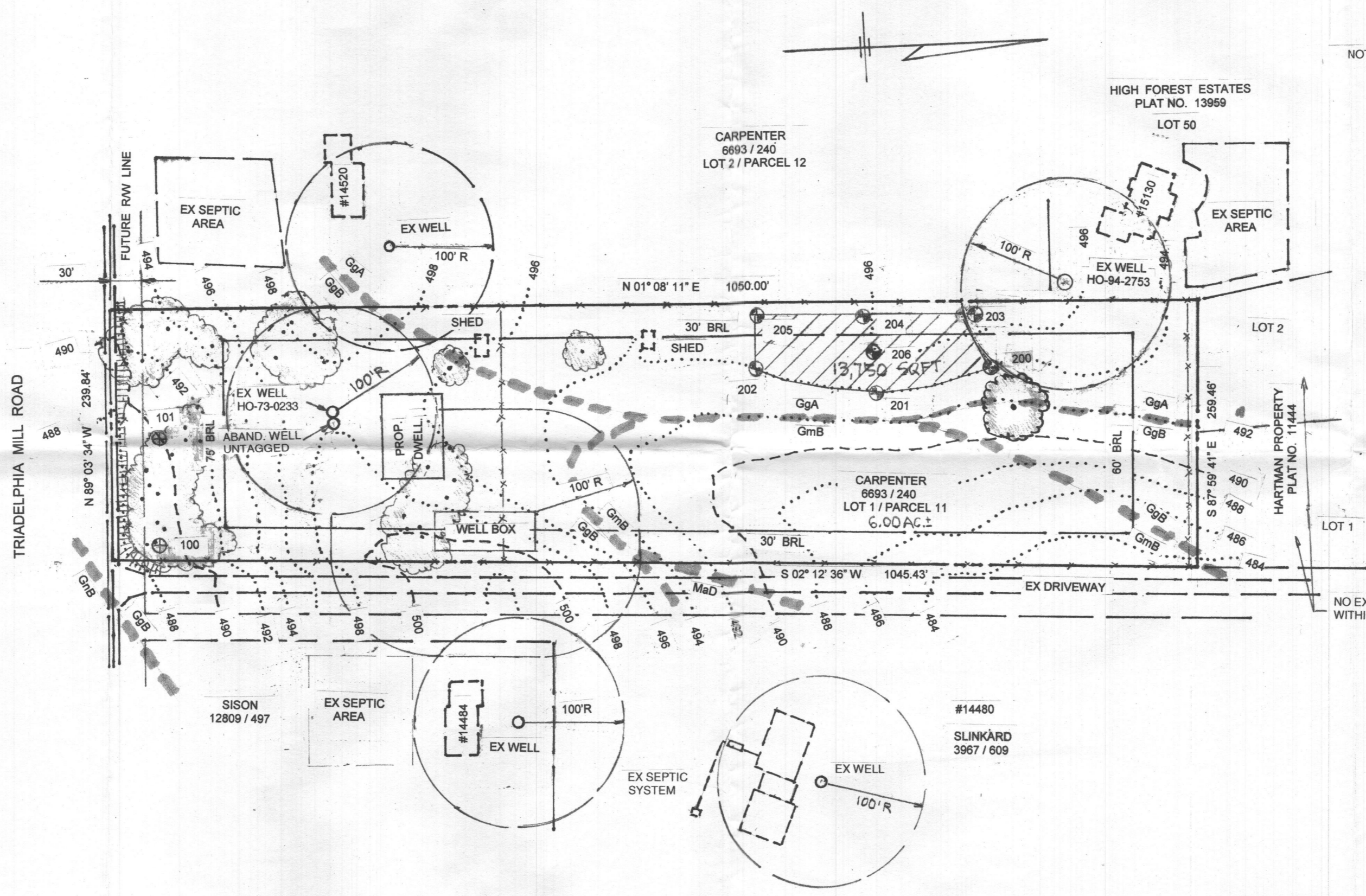


VICINITY MAP
SCALE: 1" = 1200'



NOTES:

- EXISTING ZONING: RR-DEO / RURAL RESIDENTIAL
- DEED REFERENCE: LIBER 6693 FOLIO 420
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- THE WELL FOR THIS LOT HAS BEEN DRILLED AND FIELD LOCATED HO-73-0233.
- ALL EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY AND 200 FEET DOWN GRADIENT OF ANY WELLS AND / OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- THE TOPOGRAPHY IS FIELD RUN BY MERCADO CONSULTANTS, INC. DATED 4/27/2016 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
- THE PROPERTY OUTLINE SHOWN ON THIS PLAN IS BASED ON A FIELD RUN (NAD 83) MONUMENTED BOUNDARY SURVEY PERFORMED BY MERCADO CONSULTANTS, INC. DATED APRIL 27, 2016.
- THE EXISTING WELL (TAG HO-94-2753) ON LOT 50, HIGH FOREST ESTATES, 15130 SApLING RIDGE DRIVE HAS BEEN FIELD LOCATED.
- THE EXISTING UNTAGGED WELL LOCATED ON THIS LOT (SHOWN AS ABAND.) HAS BEEN ABANDONED ON 10/02/19 AND THE ABANDONMENT REPORT HAS BEEN SUBMITTED TO THE HEALTH DEPARTMENT.
- ANY CHANGES TO THE PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA 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. THIS SEWAGE DISPOSAL AREA 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 SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 200' OF PROPERTY BOUNDARY

LEGEND

- 10' INDEX CONTOUR
- 2' INDEX CONTOUR
- 25% OR GREATER SLOPES
- 15% - 24.99% SLOPES
- EXISTING WOODED AREA
- SOILS DIVIDE
- PERC. TEST LOCATION / FAIL
- PERC. TEST LOCATION / PASS

SOILS LEGEND

GgA	GLENELG LOAM	0% - 3% SLOPES
GgB	GLENELG LOAM	3% - 8% SLOPES
GmB	GLENELG SILT LOAM	3% - 8% SLOPES
GnB	GLENVILLE - BAILE SILT LOAMS	0% - 3% SLOPES
MaD	MANOR LOAM	15% - 25% SLOPES

OWNER
KENNETH R. CARPENTER, JR.
14520 TRIADLPHIA MILL ROAD
DAYTON, MD 21036

CONTRACT PURCHASER
MATHEW BROOKING
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17821 SANDCASTLE COURT
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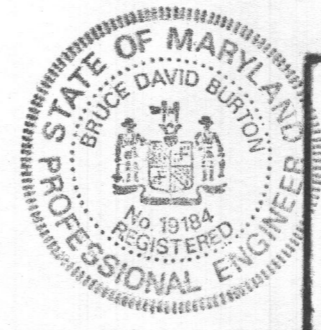
PERCOLATION CERTIFICATION PLAN
PROPERTY OF
KENNETH R. CARPENTER, JR.
LOT 1 PARCEL 11
#14510 TRIADLPHIA MILL ROAD
TAX ACCOUNT #05-370523
TAX MAP 27 GRID 17 PARCEL 96
5TH ELECTION DISTRICT HOWARD COUNTY, MD.
DATE: 7/2016 SCALE: 1" = 100'
REVISED: 11/2019

APPROVED FOR PRIVATE WATER AND SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER DATE 12/13/19

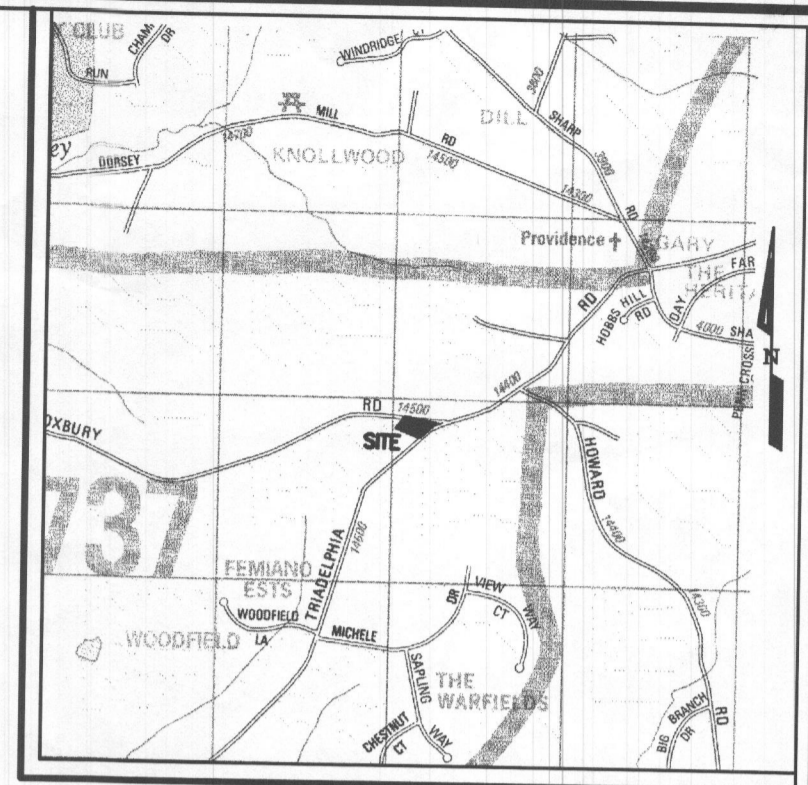
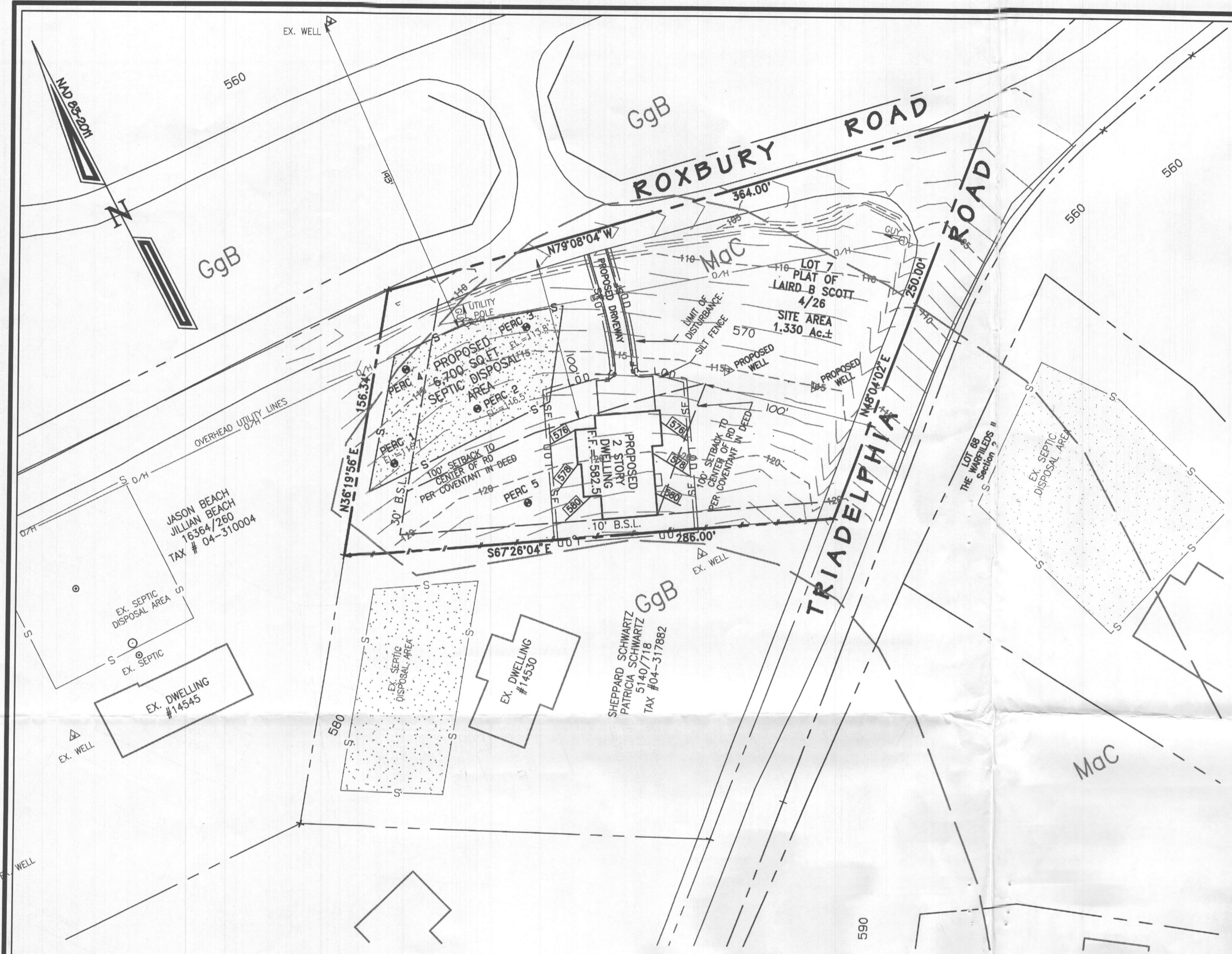
PERCOLATION CERTIFICATION
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON
FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION
AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BRUCE D. BURTON DATE 12/6/19
BRUCE D. BURTON PE DATE
MD. REG. NO. 19184



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED
OR APPROVED BY ME, AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF
MARYLAND, LICENSE NO. 19184, EXPIRATION DATE: 6/30/21

BRUCE D. BURTON DATE 12/6/19

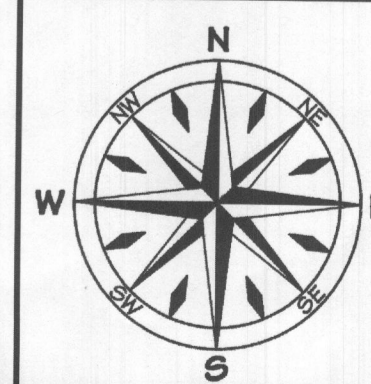
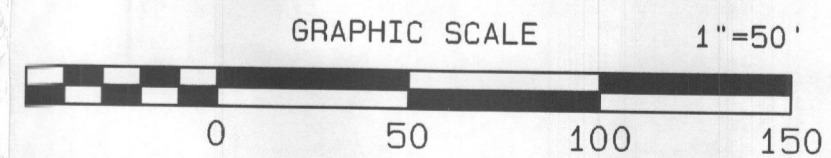


Vicinity Map Scale: 1" = 2000'

Notes

1. Owner: BRYANT McVEARRY
8155 CLAREMOUNT ST
MANASSAS VA 20110
2. Deed Ref.: 363/185
3. Tax Id.: 04-322657
4. Zoned: RC DEO
5. This site is not in the Chesapeake Bay Critical Area.
6. This site is not in the 100 year flood plain.
7. There are no underground fuel tanks.
8. This is not a historic property/building.
9. This site is vacant.

PERCOLATION PLAN
of the
McVeary Property
Triadelphia Road
Howard County, Maryland
Tax # 04-322657
Tax Map 21, Grid 23, Parcel 40
4th Election District
Scale: 1"=50' Date: April 12, 2021



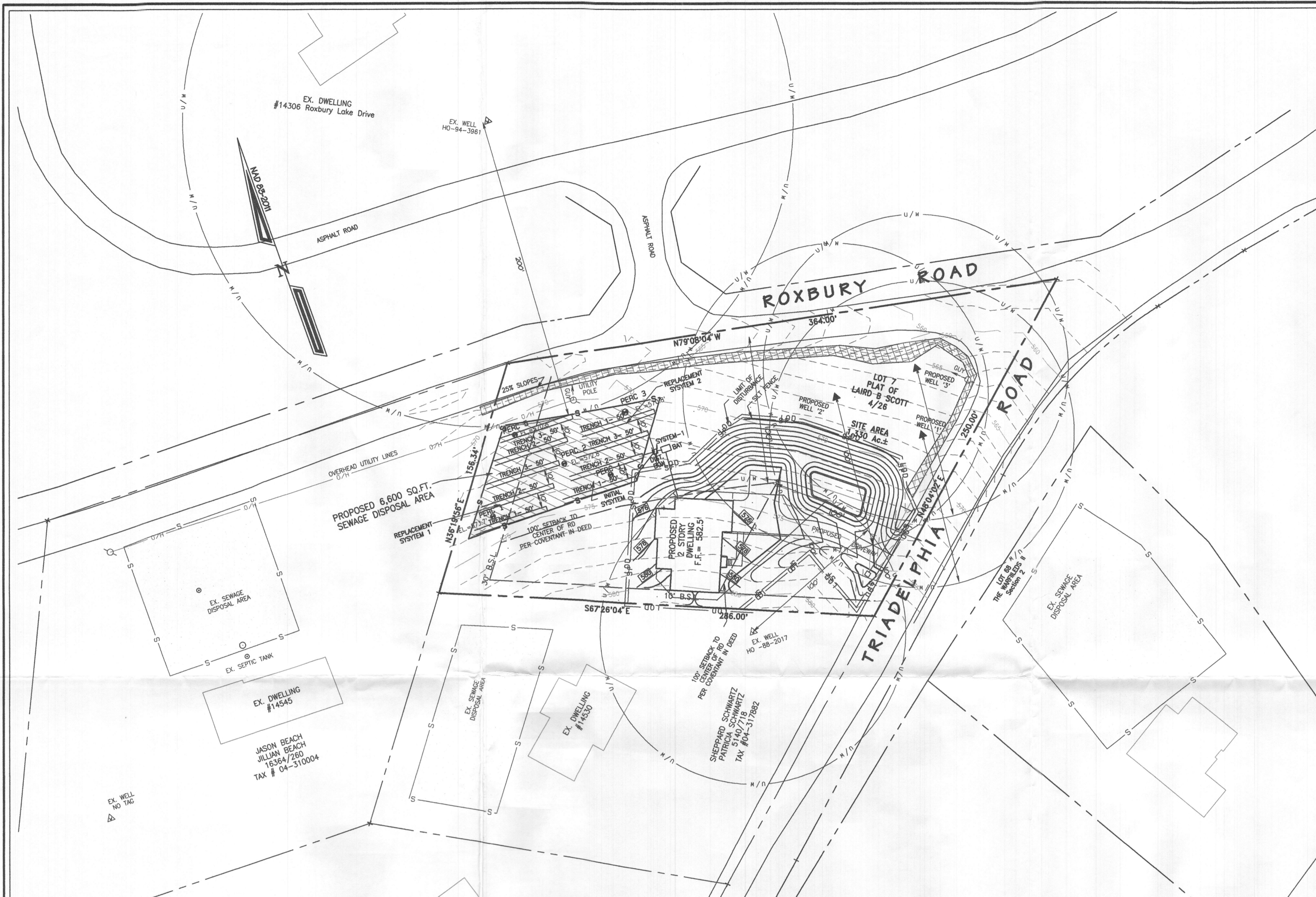
Dietz Surveying Inc.
Land Surveying and Land Planning
8119 Oakleigh Road Baltimore MD 21234
Ph 410-661-3160, Fax 410-661-3163
www.dietzsurveying.net

SHOW WELL AT 14306 ROXBURY LAKE DRIVE
Revise plan

7-26-21
5-7-21

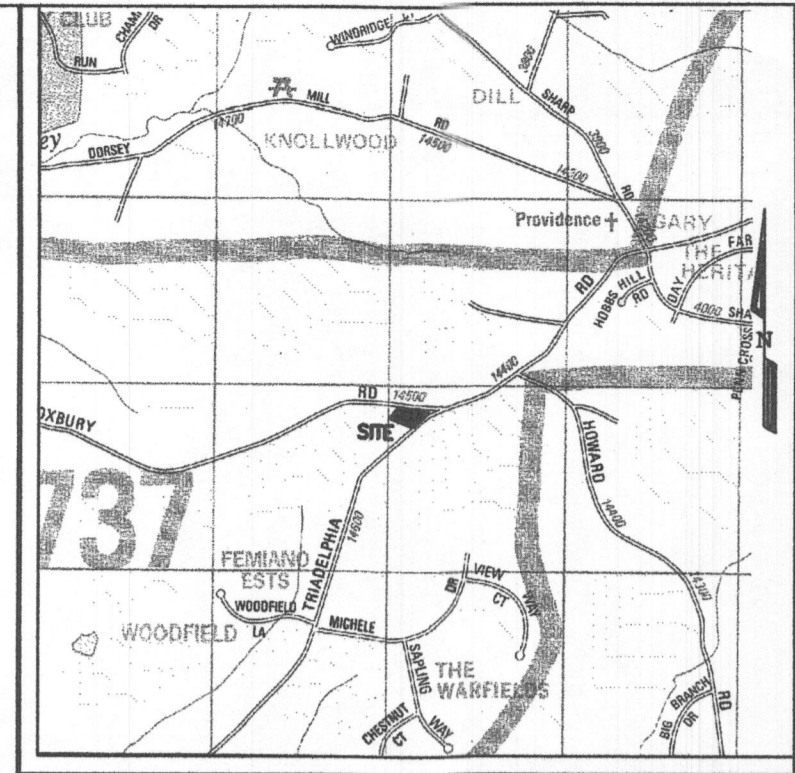
Revisions	Date	Plot Date: 7/26/2021	FIELD: BDD	DRAWN: BRD	Job No. 21179
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File Name: J:\Triadelphia Rd next to 14530, Job# 21179\triadelphia.pro



Legend

- PERC TEST PASSED
- PROPOSED WELL
- EXISTING WELL
- EXISTING SDA
- 25% SLOPES
- PROPOSED SDA

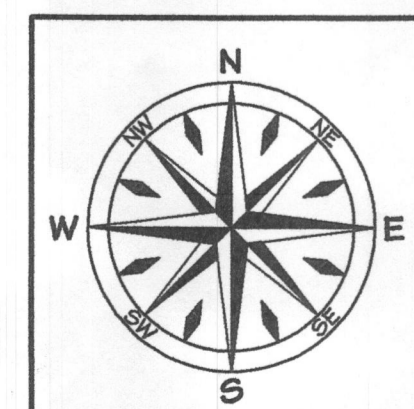
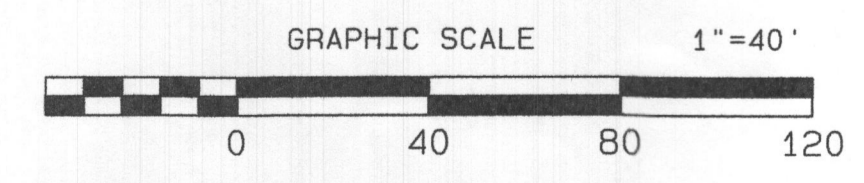


Notes

1. Owner: SELO MUSA, 7330 FREEBIRD LANE, ELKRIDGE MD 21075
2. Deed Ref.: 20777/367, BEING LOT 7, PLAT OF LAIRD B SCOTT, PLAT BOOK 4, FOLIO 26
3. Tax Id: 04-322657
4. Zoned: RC DEO
5. This site is not in the Chesapeake Bay Critical Area.
6. This site is not in the 100 year flood plain.
7. There are no known underground fuel tanks.
8. This is not a historic property/building.
9. This site is vacant.
10. The topography shown hereon was field run.
11. The purpose of this Percolation Certification Plan is to establish a sewage disposal area for a new home.
12. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO ALLOW THE SEWAGE DISPOSAL AREA ON LAIRD B SCOTT LOT 7 TO BE UPGRADE OF THE WELL AT 14306 ROXBURY LAKE DRIVE PURSUANT TO THE FOLLOWING CONDITIONS: THE ONSITE SEWAGE DISPOSAL SYSTEM (OSDS) ON LOT 7 MUST INCLUDE A BEST AVAILABLE TECHNOLOGY (BAT) UNIT, AND A PRESSURIZED DISTRIBUTION SYSTEM MUST BE EMPLOYED TO DISTRIBUTE THE BAT EFFLUENT. NO OSDS TRENCH ON LOT 7 CAN BE INSTALLED WITHIN 200 FEET OF THE WELL AT 14306 ROXBURY LAKE DRIVE.
13. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THE AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENT TO THE PRIVATE SEWAGE DISPOSAL AREA. DUE TO SITE LIMITATIONS A SEWAGE DISPOSAL AREA OF 6,600 SF IS BEING PROPOSED BUT THE DESIGNATED AREA CAN STILL MEET THE MINIMUM REQUIREMENTS FOR AN INITIAL AND TWO RESERVE SEPTIC SYSTEMS.
14. THE WELL MUST BE INSTALLED AND THE WELL COMPLETION REPORT APPROVED BY A HEALTH DEPARTMENT ENVIRONMENTAL SANITARIAN PRIOR TO APPROVAL OF A BUILDING PERMIT FOR THIS LOT, LAIRD B SCOTT LOT 7.
15. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
16. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
17. ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND ALL WELLS THAT ARE 200' DOWN GRADIENT OF THE PROPOSED SEPTIC SYSTEM AND SEWAGE DISPOSAL AREA ARE SHOWN.
18. AN ONSITE SEWAGE DISPOSAL SYSTEM (OSDS) DESIGN PLAN MUST BE SUBMITTED TO THE BUREAU OF ENVIRONMENTAL HEALTH AND APPROVED PRIOR TO HEALTH DEPARTMENT APPROVAL OF A BUILDING PERMIT FOR THIS LOT. THE OSDS DESIGN PLAN CONTENT MUST INCLUDE ILLUSTRATION OF THREE (3) APPROPRIATELY-SIZED DRAINFIELD SYSTEMS WITHIN THE SDA. IF THREE DRAINFIELD SYSTEMS DO NOT FIT WITHIN THE APPROVED SDA, REVISION OF THE AREA MAY BE REQUIRED, OR THE HEALTH DEPARTMENT MAY ALLOW A WAIVER FOR ONLY AN INITIAL SYSTEM AND ONE REPLACEMENT SYSTEM IF A BAT UNIT IS INCLUDED AS A COMPONENT OF THE OSDS.
19. TRENCH LENGTHS FOR A 4 BEDROOM HOUSE ARE: THREE 3' WIDE TRENCHES AT 50' LONG.
20. A BAT UNIT IS ALREADY BEING REQUIRED BY MDE THROUGH A VARIANCE, AND THAT THIS BEST AVAILABLE TECHNOLOGY WILL SIGNIFICANTLY AID IN THE PRE-TREATMENT OF ALL SEPTIC WASTE AT THE PROPERTY.

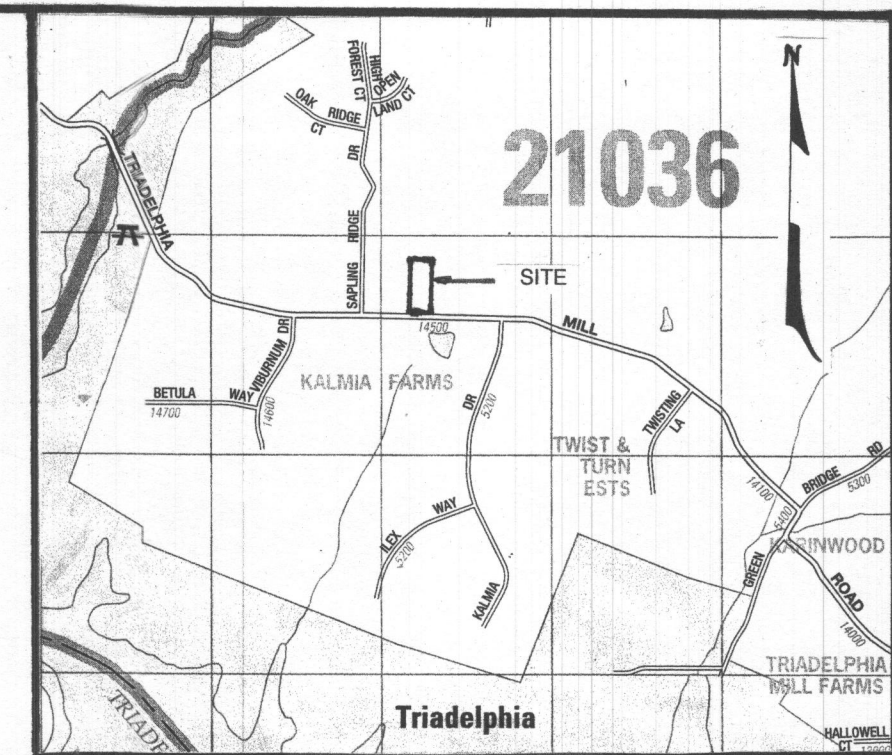
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM
 HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT.
 DATE: 7/13/22

SCOTT A. LINDGREN, PROFESSIONAL LAND SURVEYOR #21081
 LICENSE EXPIRES/RENEWS 2-26-2021
 I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

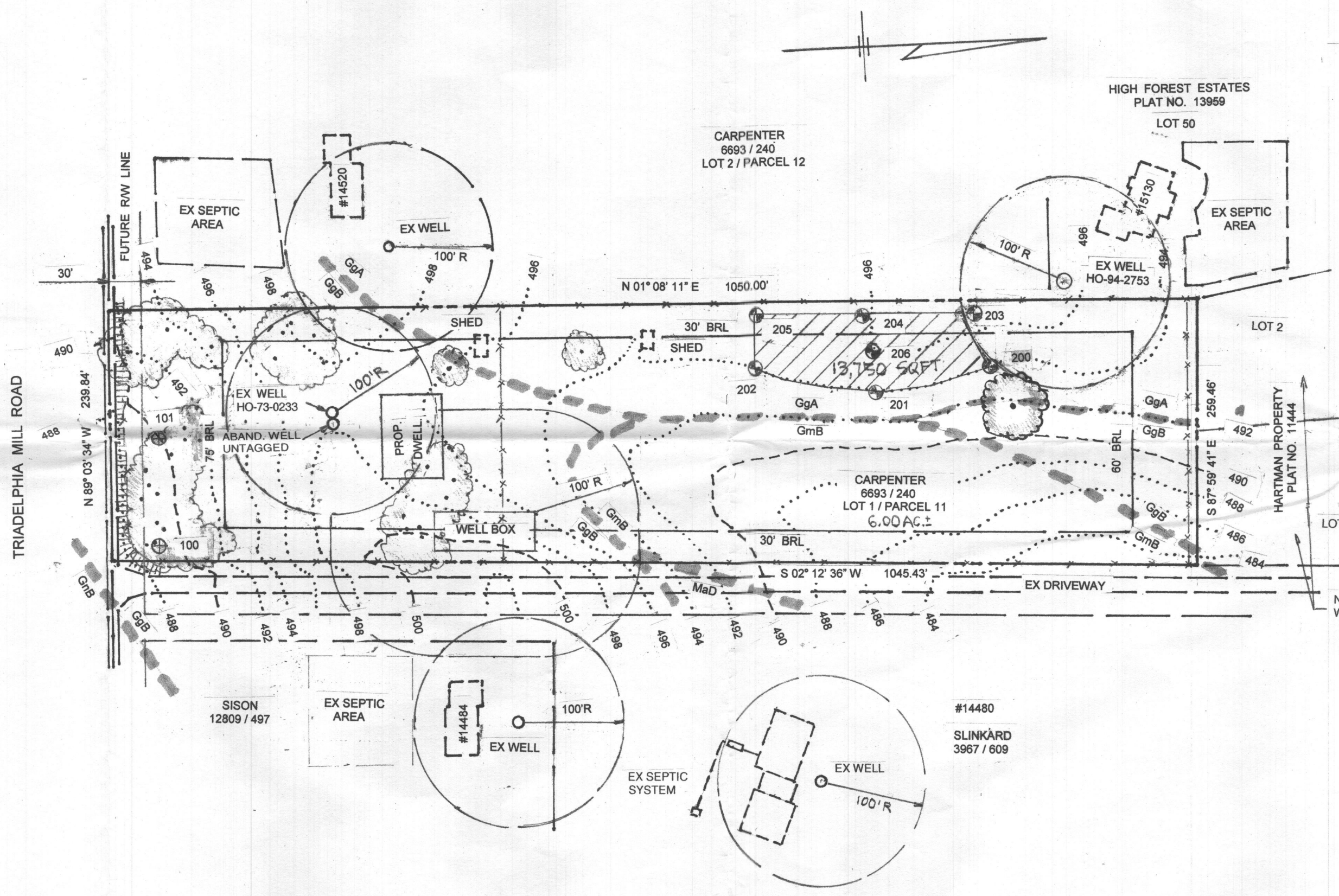


Dietz Surveying Inc.
 Land Surveying and Land Planning
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 www.dietzsurveying.net

Revisions	Date
ADDRESS MORE REVISIONS	7-06-22
ADDRESS MORE REVISIONS	6-02-22
ADD WELL TAGS	5-15-22
ADD NOTES	4-14-22
SHOW WELL AT 14306 ROXBURY LAKE DRIVE	7-26-21
REVISE PLAN	5-7-21



VICINITY MAP
SCALE: 1" = 1200'



NOTES:

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LEGEND

- 10' INDEX CONTOUR
- 2' INDEX CONTOUR
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- 15% - 24.99% SLOPES
- EXISTING WOODED AREA
- SOILS DIVIDE
- PERC. TEST LOCATION / FAIL
- PERC. TEST LOCATION / PASS

OWNER
KENNETH R. CARPENTER, JR.
14520 TRIADELPHIA MILL ROAD
DAYTON, MD 21036

CONTRACT PURCHASER
MATHIEW BROOKING
JAMES L. SUIT
17821 SANDCASTLE COURT
OLNEY, MD 20832

SOILS LEGEND

GgA	GLENELG LOAM	0% - 3% SLOPES
GgB	GLENELG LOAM	3% - 8% SLOPES
GmB	GLENELG SILT LOAM	3% - 8% SLOPES
GnB	GLENVILLE - BAILE SILT LOAMS	0% - 3% SLOPES
MaD	MANOR LOAM	15% - 25% SLOPES



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 19184, EXPIRATION DATE: 6/30/21

Bruce D. Burton 12/6/19
BRUCE D. BURTON DATE

PERCOLATION CERTIFICATION
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Bruce D. Burton 12/6/19
BRUCE D. BURTON PE DATE
MD. REG. NO. 19184

APPROVED FOR PRIVATE WATER AND SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT

Howard County Health Officer 12/23/19
HOWARD COUNTY HEALTH OFFICER DATE
H.C. [Signature]

LDE Inc.
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(410) 795-6391 • (410) 795-6392 • FAX (410) 795-9540 • www.Landsurveyormd.com

PERCOLATION CERTIFICATION PLAN
PROPERTY OF
KENNETH R. CARPENTER, JR.
LOT 1 PARCEL 11
#14510 TRIADELPHIA MILL ROAD
TAX ACCOUNT #05-370523
TAX MAP 27 GRID 17 PARCEL 96
5TH ELECTION DISTRICT HOWARD COUNTY, MD.
DATE: 7/2016 SCALE: 1" = 100'
REVISED: 11/2019