

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

1546263

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME 14290 Triadelphia Road LOT # _____

PROPERTY ADDRESS 14290 Triadelphia Road Glenelg, Md 21737
STREET TOWN ZIP

TAX ACCOUNT # 341376 TAX MAP 21 GRID 18 PARCEL 135 ZONING DESIGNATION rc-deo

PROPERTY OWNER(S) Homewood Properties LLC

DAYTIME PHONE _____ CELL _____ EMAIL _____

MAILING ADDRESS 11362 Homewood Road Ellicott City, Md 21042
STREET CITY, STATE ZIP

APPLICANT Fisher, Collins & Carter, Inc. RELATIONSHIP TO OWNER: Engineering Consultants

DAYTIME PHONE 410-461-2855 CELL _____ EMAIL tonyf@fcc-eng.com

MAILING ADDRESS 10272 Baltimore National Pike 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 _____ 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: _____
☐ 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:

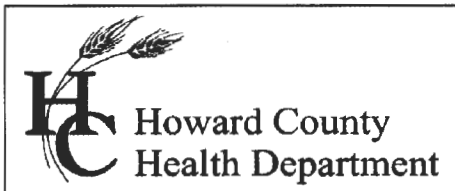
- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE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



Bureau of Environmental Health
8930 Stanford Drive Columbia, MD 21045
(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., Acting Health Officer

Date: April 17, 2014

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

RE: **Percolation Testing Report**
14290 Triadelphia Road
Tax Map 21, Parcel 135
A546263


Mr. Fertitta,

Percolation testing was conducted on the referenced property on April 10, 2014. 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. However, this property is **only for commercial use** and the calculations for the septic design should be based on commercial use only. Part of the septic field is located under the driveway and **low pressure dosing will be required**. A note on the percolation certification plan should reflect the restrictions for this property. 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.

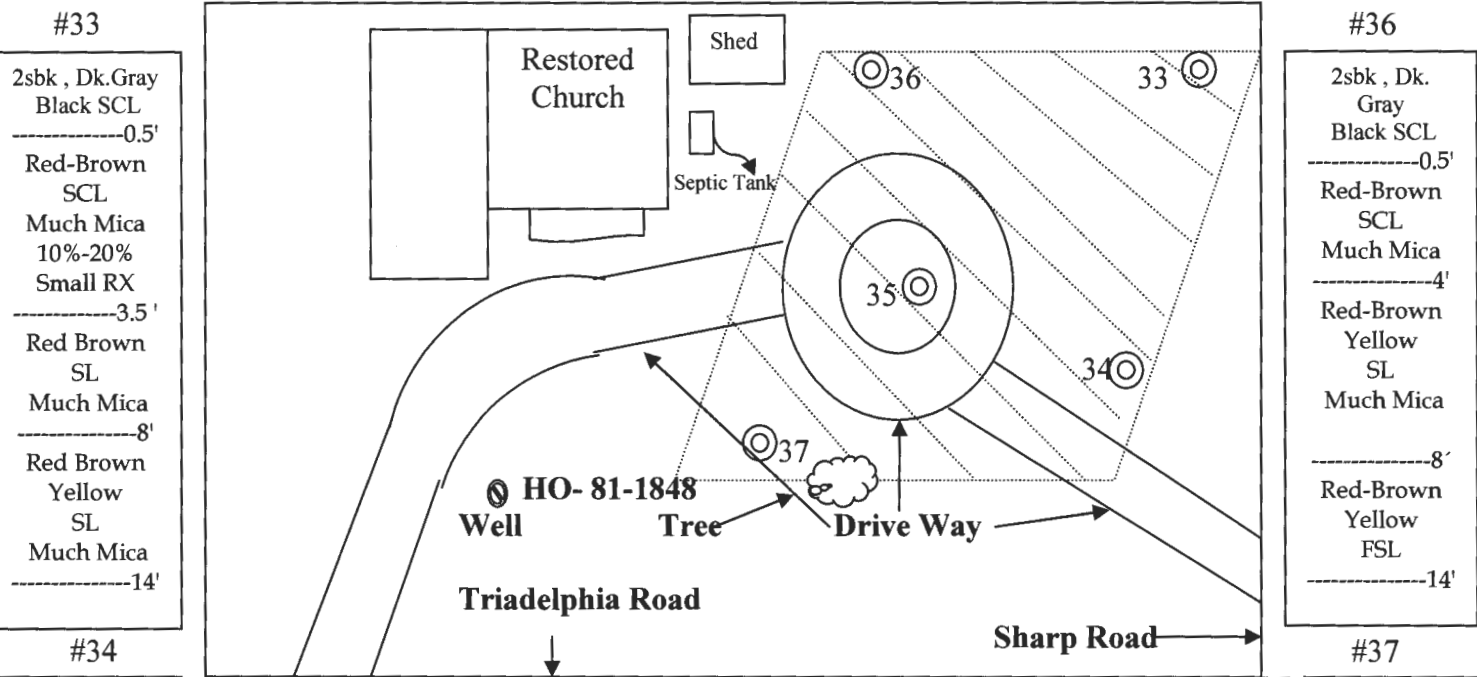
Respectfully,

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

Enclosures (2)
Cc: File

A546263

Percolation Information- 14290 Triadelphia Road

NOT TO SCALE



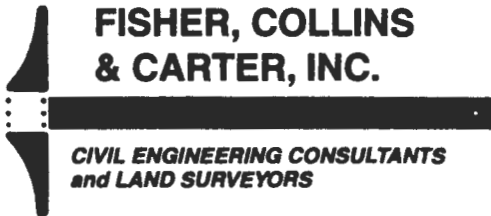
Date	Test	Depth	Start	Break 1" Drop	Break 2" Drop	Time of 2 nd Inch	P/F/H
4-10-14	33	4.5/ 14'	10:08	10:10	10:16	6 min.	Pass
4-10-14	34	3.5/ 14'	10:32	10:34	10:38	4 min.	Pass
4-10-14	35	4.4/ 14'	10:41	10:44	10:47	3 min.	Pass
4-10-14	36	4/ 14'	11:13	11:18	11:24	6 min.	Pass
4-10-14	37	3.5/14	10:57	11:08	11:22	14 min.	Pass

Remarks: Low Pressure Dosing for the commercial property. Septic area is partially covered by the driveway. Please note on PC.

Sanitarian D. Bernard Backhoe South Carroll Others

Test Holes Used in SDA 5 Avg. Perc Time 6 min. SQ.FT/BR

Trench Width Inlet Depth Max Bot.Depth 8 Effective S/W



**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.

Transmittal

Via: ☐ Fax ☐ Mail ☐ Messenger ☐ E-Mail ☐ To Be Picked Up
☐ Fax (original to follow via U.S. Mail)

To: Howard County Health Department 8930 Stanford Blvd Columbia, MD 21046	Attn: Jeff Fax: Phone:
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From: Tony Fertitta	CC:
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Re: 14290 Tridelphia Road	W.O.# 13034
Date: March 5, 2014	Pages: 3 Page(s) Including this cover

We are forwarding:	<input checked="" type="checkbox"/> Prints	<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Specifications	<input type="checkbox"/> Shop drawings	<input type="checkbox"/> Other
	<input type="checkbox"/> Urgent	<input type="checkbox"/> For your use	<input type="checkbox"/> As requested	<input type="checkbox"/> For Review & Comment	

Remarks:

Enclosed please find 2 Copies - "14290 Tridelphia Road" Sheet 1 of 1 dated March 4, 2014, Perc Application Plan.

If we may be of any further assistance to you, please don not hesitate to call.

Thank you,

CONFIDENTIALITY NOTICE

This transmission contains confidential information which may be legally privileged, and is intended only for the use of the individual named above. If you are not the intended recipient, you are hereby notified that any distribution (except to the intended recipient), copying, or disclosure of this transmission is strictly prohibited.

**FISHER, COLLINS
& CARTER, INC.**

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Transmittal

Via: ☐ Fax ☐ Mail ☐ Messenger ☐ E-Mail ☐ To Be Picked Up
☐ Fax (original to follow via U.S. Mail)

To: **Howard County Health Department**
8930 Stanford Blvd
Columbia, MD 21046

Attn: **Jeff**
Fax:
Phone:

From: **Tony Fertitta**

CC:

Re: **14290 Tridelphia Road**

W.O.# **13034**

Date: **July 25, 2014**

Pages: **3** Page(s) Including this cover

We are forwarding: ☒ Prints ☐ Copy of Letter ☐ Specifications ☐ Shop drawings ☐ Other
☐ Urgent ☐ For your use ☐ As requested ☐ For Review & Comment

Remarks:

Jeff

Enclosed please find 2 Copies And A Maylar - "14290 Tridelphia Road" Sheet 1 of 1 dated July 25, 2014, Perc Application Plan.

If we may be of any further assistance to you, please don not hesitate to call.

Thank you,



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LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2
MLC2 SOIL LINES AND TYPES
- DENOTES PASSED PERC
- DENOTES GEOTHERMAL WELLS

PERC CERTIFICATION
I certify that the locations and depths shown are based on field locations done under my direct supervision and are true to the best of my professional knowledge and belief.

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

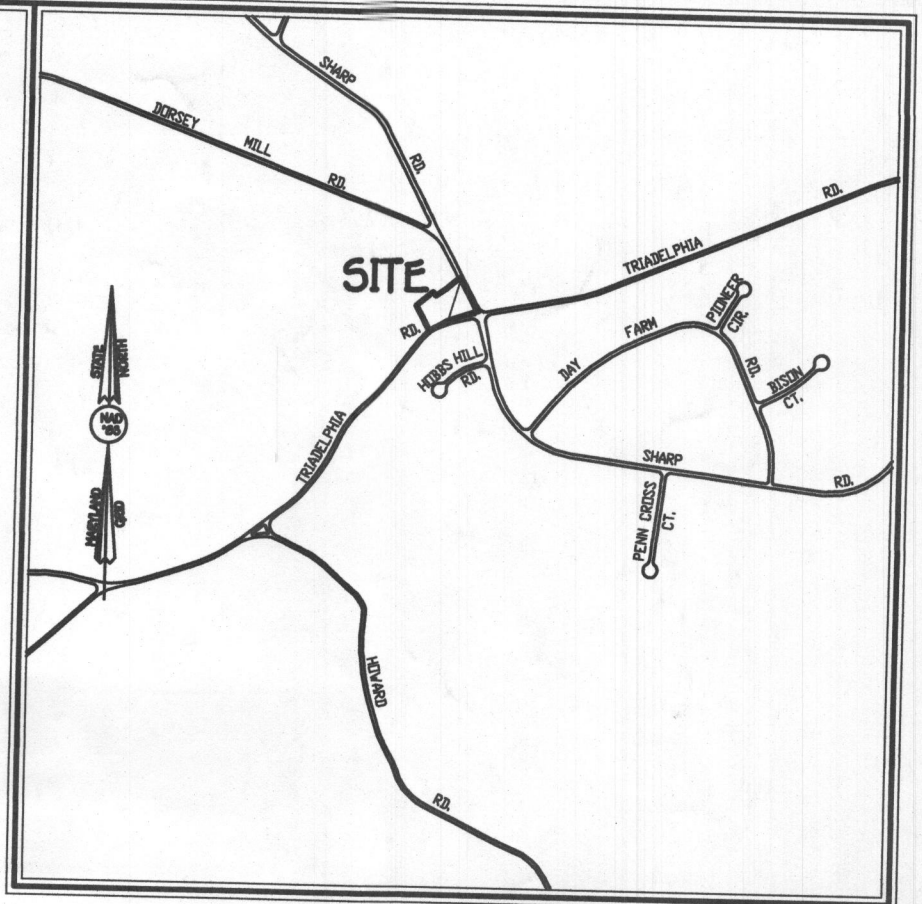
7/25/14
Date

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

Signature of County Health Officer
Maura Rodman
COUNTY HEALTH OFFICER

8/5/2014
DATE

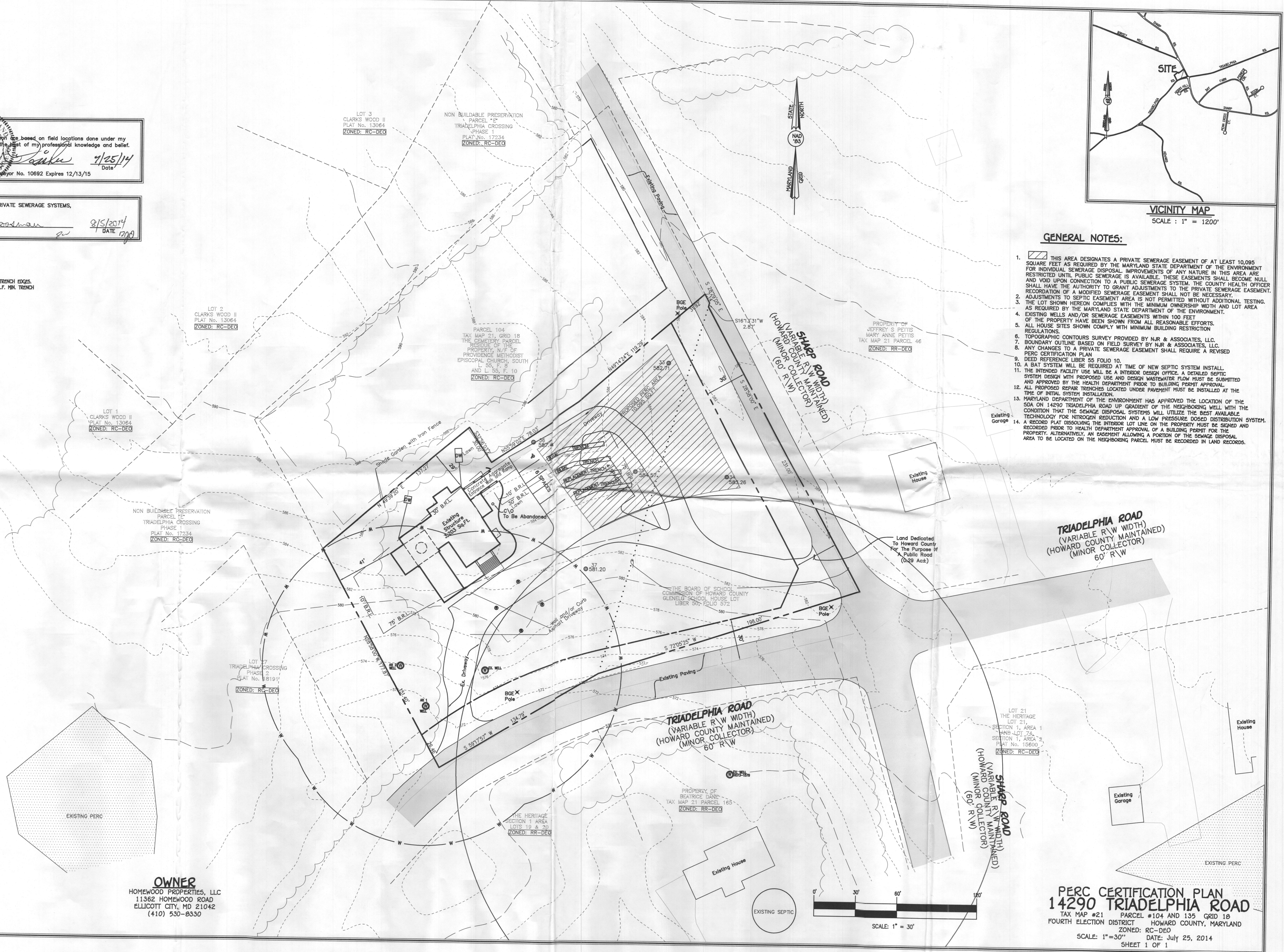
TRENCH DESIGN:
(400 GPD)
400 / 0.8 APP. RATE = 500 SF
USE 3' WIDE TRENCH AND 9' MIN. SPACING BETWEEN TRENCH EDGES.
500 SF / 3' WIDTH = 166.67 L.F. X 0.50 = 83.33 L.F. MIN. TRENCH
USE 2- 42" LONG TRENCHES = 83.33 L.F.



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,095 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.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHIC CONTOURS SURVEY PROVIDED BY N&R & ASSOCIATES, LLC.
- BOUNDARY OUTLINE BASED ON FIELD SURVEY BY N&R & ASSOCIATES, LLC.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- DEED REFERENCE LIBER 55 FOLIO 10.
- A BAT SYSTEM WILL BE REQUIRED AT TIME OF NEW SEPTIC SYSTEM INSTALL.
- THE INTENDED FACILITY USE WILL BE AN INTERIOR DESIGN OFFICE. A DETAILED SEPTIC SYSTEM DESIGN WITH PROPOSED USE AND DESIGN WASTEWATER FLOW MUST BE SUBMITTED AND APPROVED BY THE HEALTH DEPARTMENT PRIOR TO BUILDING PERMIT APPROVAL.
- ALL PROPOSED REPAIR TRENCHES LOCATED UNDER PAVEMENT MUST BE INSTALLED AT THE TIME OF INITIAL SYSTEM INSTALLATION.
- MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED THE LOCATION OF THE SDA ON 14290 TRIADELPHIA ROAD UP GRADIENT OF THE NEIGHBORING WELL WITH THE CONDITION THAT THE SEWAGE DISPOSAL SYSTEMS WILL UTILIZE THE BEST AVAILABLE TECHNOLOGY FOR NITROGEN REDUCTION AND A LOW PRESSURE DOSED DISTRIBUTION SYSTEM.
- A RECORDED PLAT DOWNSHED THE INTERIOR LOT LINE ON THE PROPERTY MUST BE SIGNED AND RECORDED PRIOR TO HEALTH DEPARTMENT APPROVAL OF A BUILDING PERMIT FOR THE PROPERTY. ALTERNATIVELY, AN EASEMENT ALLOWING A PORTION OF THE SEWAGE DISPOSAL AREA TO BE LOCATED ON THE NEIGHBORING PARCEL MUST BE RECORDED IN LAND RECORDS.



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461-2995

OWNER
HOMWOOD PROPERTIES, LLC
11362 HOMWOOD ROAD
ELICOTT CITY, MD 21042
(410) 530-8330

PERC CERTIFICATION PLAN
14290 TRIADELPHIA ROAD
TAX MAP #21 PARCEL #104 AND 135 GRID 18
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
ZONED: RC-DEO
SCALE: 1"=30'
DATE: July 25, 2014
SHEET 1 OF 1