



HOWARD COUNTY HEALTH DEPARTMENT

55286

DATE

10/24/14

A5

Received
From

Stevens Builders

PHONE #

531-2100

For

Pore Opp / 4829 Ten Oaks Rd.

☐ CASH

☒ CHECK

NO.

105

Five hundred and 74 /

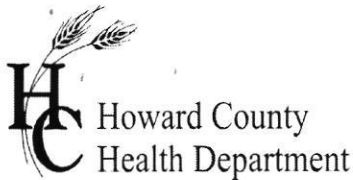
Dollars

\$

566.00

Received By

King



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 555286

AGENCY REVIEW: _____

DATE 10-24-14

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

- ☒ CONSTRUCT NEW SEPTIC SYSTEM(S)
☒ REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
☐ REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- ☐ NEW STRUCTURE(S)
☐ ADDITION TO AN EXISTING STRUCTURE
☐ REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- ☐ CREATE NEW LOT(S)
☐ BUILD ON AN EXISTING LOT IN A SUBDIVISION
☐ BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- ☐ YES
☒ NO

THE TYPE OF STRUCTURE IS:

- ☐ RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
☒ COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
☐ INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) William and KATHY GREEN

DAYTIME PHONE 410 718 7641 CELL 410 718 7641 FAX _____

MAILING ADDRESS 4829 TEN OAKS ROAD BOYTON MO 21036
STREET CITY/TOWN STATE ZIP

APPLICANT STEVENS BUILDERS

DAYTIME PHONE 410 984 7296 CELL 410 984 7296 FAX 410 531 4900

MAILING ADDRESS 4714 LINTHICOM ROAD BOYTON MO 21036
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. 25

PROPERTY ADDRESS 4829 TEN OAKS ROAD BOYTON MO 21036
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID 8 PARCEL(S) 95 PROPOSED LOT SIZE .27 AC

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

14 A

dk brn L, 2fg
buried tile, etc.
dk brn L, 2fg
brn L, 2fsok

bornisch 2msbk
Common mica

23' brn sl, msbk
common mica

born sl, Øm

43' few mica

10 yel-red
 11 red-yel 15
 12 in few mica

10 - R

14B

gravel
to dk brnL
to brnL
2 & sbk

0.8' 2 fsk
yol-red fsc
2 fsk
common mic

2.3'
bra-yell L
1msbk

Common mica

red-yellow
Qm, common micq

3.7 yel-red
 & red-yel ls
 10m. few mica

8 red ls
thin platy

many very co

10	red & brn ls
----	--------------

medium plat

many mice
low place

2.51 low slaps

A hand-drawn site plan of a property. At the top center is a rectangle labeled "2-story structure". To its left is a rectangle labeled "Septic Tank" with two small circles below it. To the right of the 2-story structure is an arrow pointing up and to the right, labeled "120' to well". Below the 2-story structure is a large rectangle divided into three sections: "14A" on the left, "14B" on the top right, and "14C" on the bottom right. To the left of the large rectangle is a circle labeled "Well". To the right of the large rectangle is a line with an arrow pointing left, labeled "Cleanouts 6' to Bottom 40' to Pipe Invert". Below the large rectangle is a rectangle labeled "#4829" with a smaller rectangle below it, and an arrow pointing right labeled "well". At the bottom of the plan is a diagonal line labeled "Ten Oaks Road". On the left side of the plan, there are several handwritten notes: "etc.", "OK", "OK", "ca", "mica".

14C

23	blue-gray gravel
----	------------------

0.3 6722
- 6722

2750

22564

yellow-red h

3	1	msbk
		red-yellow
		51.1msbk

4.2' red-yel

yellow-red

15, 0 m

many miss

red & brn

Is. mod. alatu

MANU NA

low flag

15		
----	--	--

[illegible]

#4829 Ten Oaks Road.

REMARKS: Septic Tank not observed.

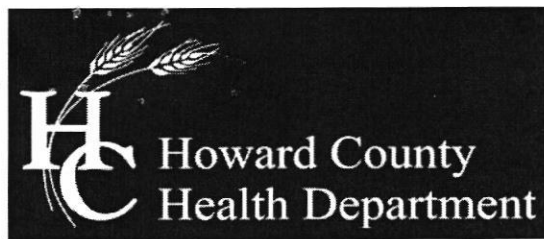
SANITARIAN K. Bricker BACKHOE Ken Hatfield OTHERS Mark Stevens

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

125

brn ls, medium platy
micaceous



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 4829 Ten Oaks Road

Subdivision: _____ Lot: _____

Peros 14 B & 14C, east Prop. Line

Initial system: Application rate: 0.8 Effective area beginning depth: 3 Bottom maximum depth: 8

Per 14A
1st Replacement: Application rate: 0.8 Effective area beginning depth: 2.3 Bottom maximum depth: 6

2nd Replacement: Application rate: _____ Effective area beginning depth: _____ Bottom maximum depth: _____

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

Standard design requirements:

- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is $2D + W$ up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements: *A replacement Septic Tank is needed.*

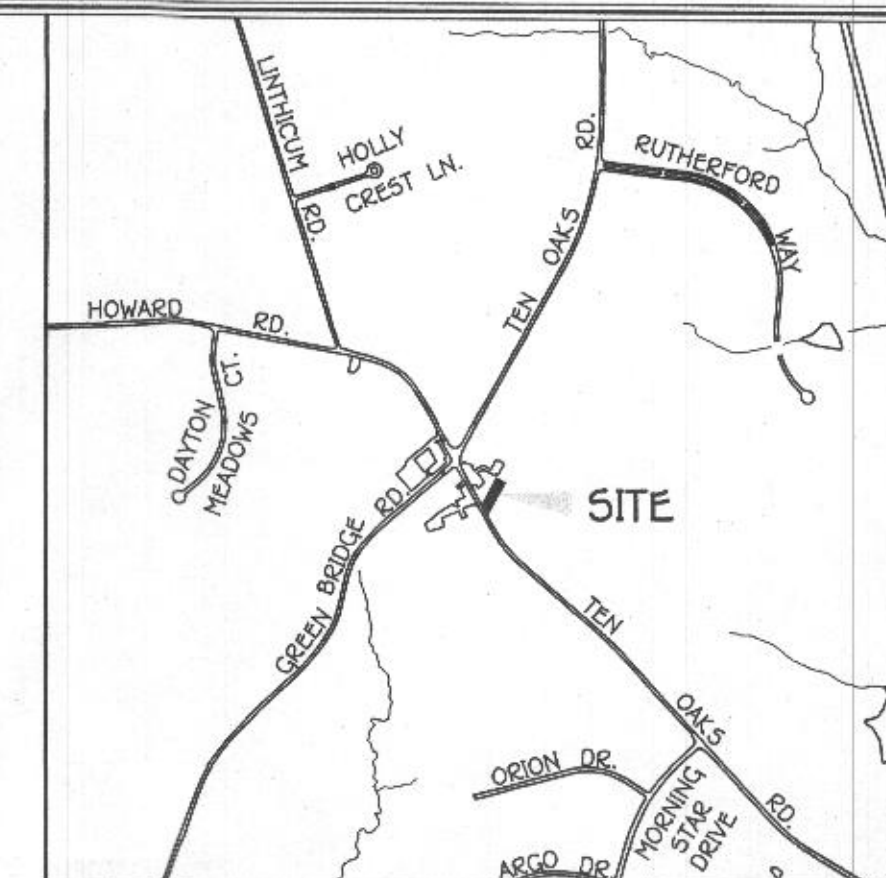
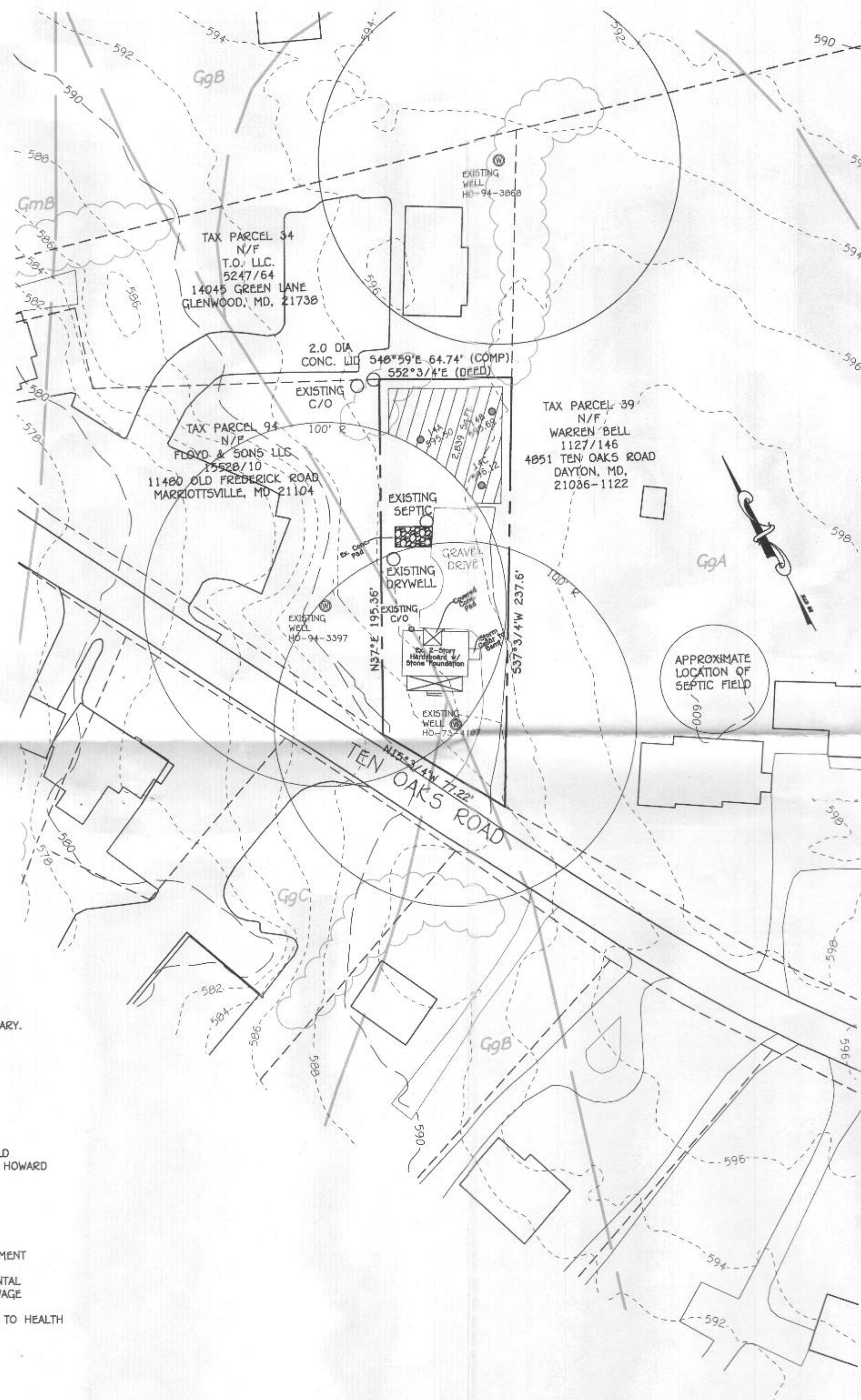
Trench length is dependent on Inlet Depth which may not be known until layout.

The septic tank must be set 100 feet from any well.

Approved: R. Buckner Date: 1/30/15

LEGEND

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



VICINITY MAP
SCALE: 1" = 1200'

SOILS LEGEND

SOIL	NAME	CLASS
GgA	Glenelg loam, 0 to 3 percent slopes	B
GgB	Glenelg loam, 3 to 8 percent slopes	B
GgC	Glenelg loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C

NOTES:

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

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT 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.
- TOPOGRAPHY SHOWN IN THE REAR OF THE PROPERTY IS BASED ON A FIELD SURVEY PERFORMED MAY, 2015 BY FISHER, COLLINS, INC. WITH AVAILABLE HOWARD COUNTY GIS CONTOUR MAPPING OUTSIDE PROPERTY LIMITS.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- DEED REFERENCE LIBER 16022 FOLIO 394.
- AT TIME OF THE TRENCH PLACEMENT THE HOWARD COUNTY HEALTH DEPARTMENT IS REQUIRING THE LOT LINES STAKED TO VERIFY THE CORRECT LOCATION.
- A WAIVER REQUEST HAS BEEN SUBMITTED TO THE BUREAU OF ENVIRONMENTAL HEALTH TO REDUCE THE DISTANCE FROM THE PROPERTY LINE TO THE SEWAGE DISPOSAL AREA (SDA) TO 5 FEET.
- THE EXISTING SEPTIC SYSTEM MUST BE REPLACED AND ABANDONED PRIOR TO HEALTH DEPARTMENT APPROVAL OF A BUILDING PERMIT FOR THIS PROPERTY.

PERC CERTIFICATION

I certify that the locations shown on this plat are based on field locations done under my direct supervision and are correct 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
Date: 6/17/15

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

Signature of County Health Officer: [Signature]
Date: 6/29/2015

PERC CERTIFICATION PLAT 4829 Ten Oaks Road

TAX MAP #28 ZONED: B-1 PARCEL: 95
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: JUNE 17, 2015

PC555286