

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
8/3/16	On site during yield test. Well 300' with 31' 18" steel casing +
	108' 6" steel casing. Fogle's still pumping down. well likely 8-10 gpm.
	Well grouted, used 39 bags cement. (SC)

Oswald, Hank

From: Kathleen Farris <ensignsgace@hotmail.com>
Sent: Tuesday, November 10, 2015 4:19 PM
To: Tony Fertitta; Oswald, Hank
Subject: RE: Farris property

OK, so we'll test hole 5000, 2011, 2014 and 2015 next MON. There are several holes we can test come wet season if we have to

Thank you gents.

From: tonyf@fcc-eng.com
To: ensignsgace@hotmail.com
Subject: FW: Farris property
Date: Tue, 10 Nov 2015 18:46:28 +0000

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Tuesday, November 10, 2015 1:43 PM
To: Tony Fertitta
Subject: FW: Farris property

Tony:

We won't be able to test holes # 5001 and #2007 until wet season. It doesn't make sense to test 2014 because it's too close to hole 2003. It doesn't make sense to test 2006 because it's too close to hole 5000. We can test hole 5000, 2011 and move hole #2014 over (see attached plan).

Hank

From: Williams, Jeffrey
Sent: Tuesday, November 10, 2015 1:34 PM
To: Oswald, Hank
Subject: RE: Farris property

attached

From: Oswald, Hank
Sent: Tuesday, November 10, 2015 1:27 PM
To: Williams, Jeffrey
Subject: FW: Farris property

Can we look at this

B 1 39410

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER

HO-15-0269 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13 Farris Kate 15 Last Name Owner First Name 34 36 Street or RFD 55 Ellicott City Md. 21112-1154 57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard 8 COUNTY 21 Triadelphia Farms 11 23 SUBDIVISION SECTION 44 46 LOT 48 50 Ellicott City 52 NEAREST TOWN 71

DRILLER INFORMATION

Allen Compton M S D 009 Driller's Name 76 License No. 81 Farris Well Drilling, LLC Firm Name P.O. Box 202 Woodbine, Md. 21797 Address 4-20-16 Signature Date

B 4

SOURCES OF DRILLING WATER

1. Well water 2. 3.

13245 Hunt Ridge Rd 11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST SOUTH EAST

34 100 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 0022 BLK: 0009 PARCEL 0425

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 6/27/16 CO SIGNATURE EXP. DATE 6/27/17

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) I INDUSTRIAL, COMMERCIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING O OPEN LOOP GEOTHERMAL C CLOSED LOOP GEOTHERMAL

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary DRive-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEMED AN EXISTING WELL

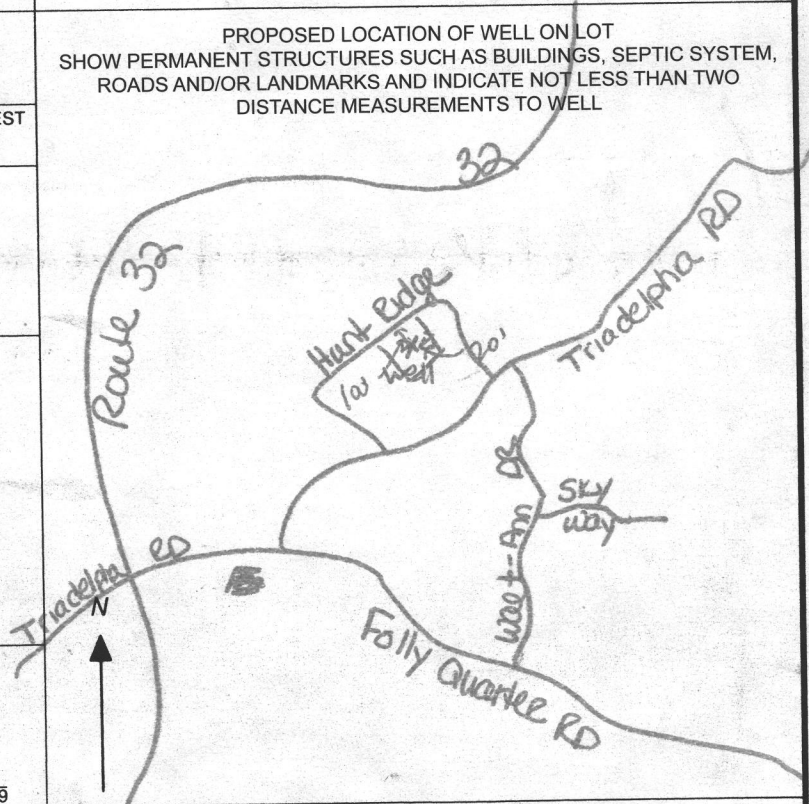
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER G

PERMIT No. HO-15-0269

PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Use 50' steel casing or 10' into bedrock, whichever is greater.

From: Tony Fertitta [mailto:tonyf@fcc-eng.com]

Sent: Tuesday, November 10, 2015 1:23 PM

To: Oswald, Hank

Subject: Farris property



Right Click the Card to add me to your Contacts

Oswald, Hank

From: Williams, Jeffrey
Sent: Thursday, November 12, 2015 8:21 AM
To: Tony Fertitta; Oswald, Hank
Cc: Kathleen Farris
Subject: RE: Farris Property

That's fine. We will not be doing 5001, 5002, or 5003 outside of wet season. The others we can do now unless we see evidence of water and then we would need to retest in wet season.

Jeff

From: Tony Fertitta [<mailto:tonyf@fcc-eng.com>]
Sent: Wednesday, November 11, 2015 8:46 AM
To: Williams, Jeffrey; Oswald, Hank
Cc: Kathleen Farris
Subject: Farris Property

Good Morning Jeff,

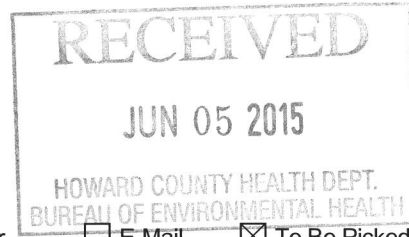
Per Hank I was asked to email this to you and I will be sending down paper copies to you tomorrow morning .

Thanks



Right Click the Card to add me to your Contacts

Transmittal



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

To: Bureau of Environmental Health 8930 Stanford Boulevard Columbia, MD 21046-4544	Attn: Hank Oswald Fax: (410) 313-2648 Phone: (410) 313-2640
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From: Stephanie Tuite	CC:
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Re: Hunt Ridge Road	W.O.# 13010
Date: June 4, 2015	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:

Hank:

Enclosed please find Two (2) revised prints of the drawing entitled " Perc Test Plan- Hunt Ridge Road" dated June 4, 2015 showing a proposal to do some additional conventional perc tests and some additional testing for at grade systems in areas of testing completed in May. Given the footprint of the at grade system would be smaller than sand mounds (since not mounded the same height), a reduced footprint has been proposed. Please note that we are proposing a convention test and at grade test at one proposed hole location. Please allow us the opportunity to conduct testing soon and provide us with the guidelines for this new at grade system in order to move this forward. Thanks for your assistance in this matter. If you need anything additional, please call.

Very truly yours,
Stephanie Tuite, RLA, PE, LEED AP BD&C

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.

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, November 10, 2015 1:43 PM
To: tonyf@fcc-eng.com
Subject: FW: Farris property
Attachments: 13358 Deed Farris Property Perc Plan-3_revised.pdf

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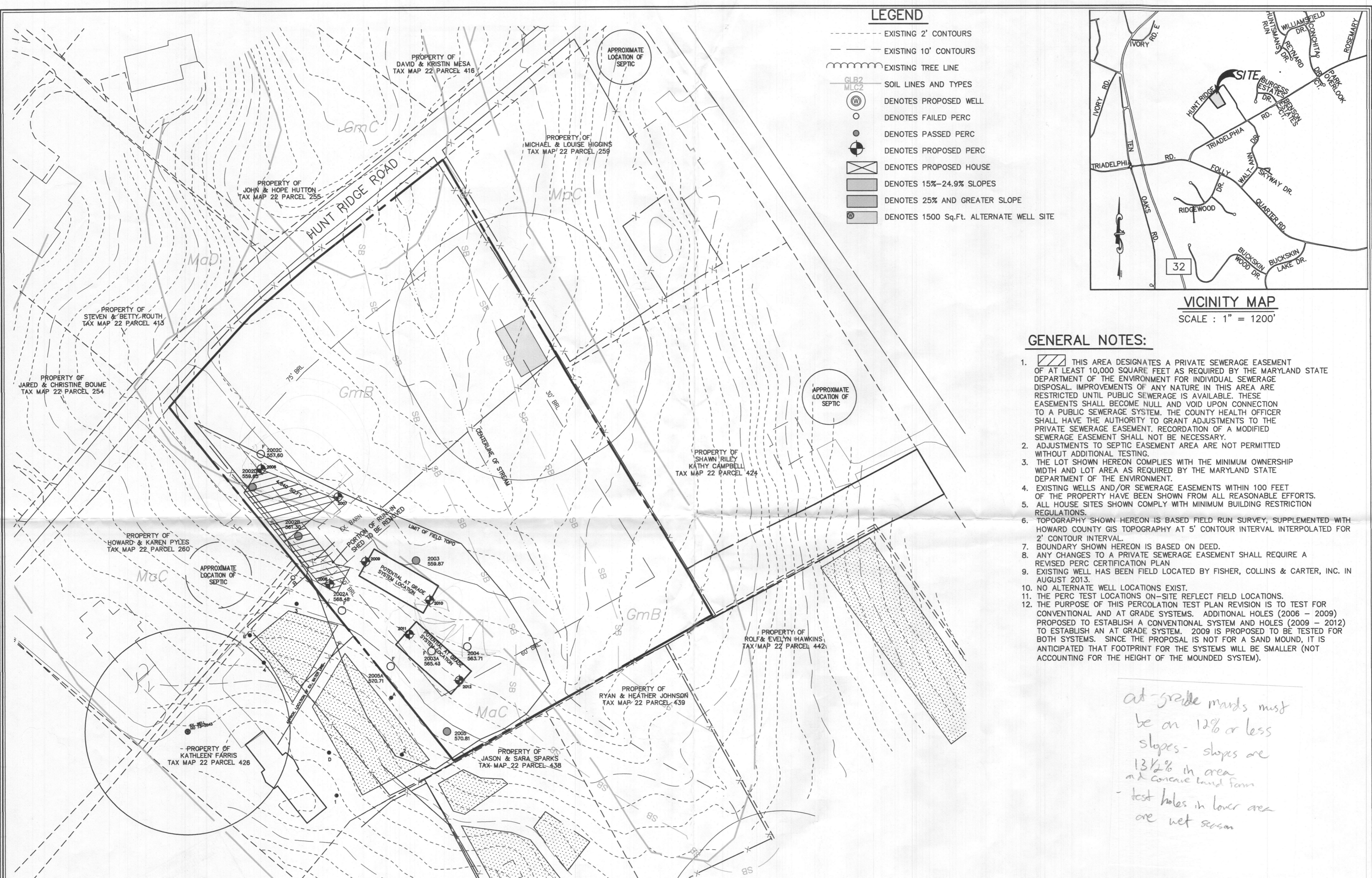
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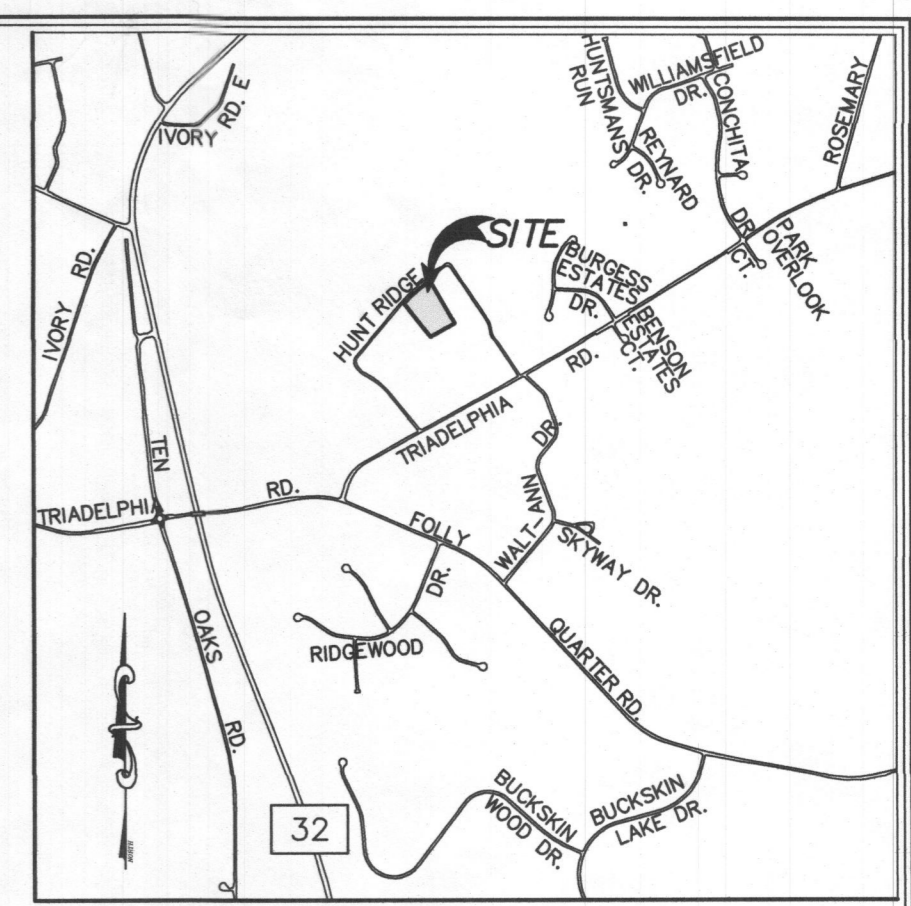


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- ▩ DENOTES 25% AND GREATER SLOPE
- ⊙ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE : 1" = 1200'

GENERAL NOTES:

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7. BOUNDARY SHOWN HEREON IS BASED ON DEED.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. EXISTING WELL HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC. IN AUGUST 2013.
10. NO ALTERNATE WELL LOCATIONS EXIST.
11. THE PERC TEST LOCATIONS ON-SITE REFLECT FIELD LOCATIONS.
12. THE PURPOSE OF THIS PERCOLATION TEST PLAN REVISION IS TO TEST FOR CONVENTIONAL AND AT GRADE SYSTEMS. ADDITIONAL HOLES (2006 - 2009) PROPOSED TO ESTABLISH A CONVENTIONAL SYSTEM AND HOLES (2009 - 2012) TO ESTABLISH AN AT GRADE SYSTEM. 2009 IS PROPOSED TO BE TESTED FOR BOTH SYSTEMS. SINCE THE PROPOSAL IS NOT FOR A SAND MOUND, IT IS ANTICIPATED THAT FOOTPRINT FOR THE SYSTEMS WILL BE SMALLER (NOT ACCOUNTING FOR THE HEIGHT OF THE MOUNDED SYSTEM).

at-grade mounds must be on 12% or less slopes - slopes are 13 1/2% in area and concave mound form - test holes in lower area are wet season

**PERC TEST PLAN
HUNT RIDGE ROAD**

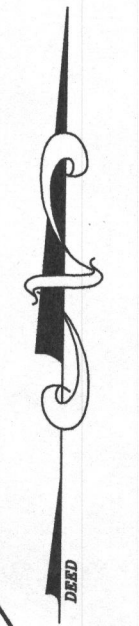
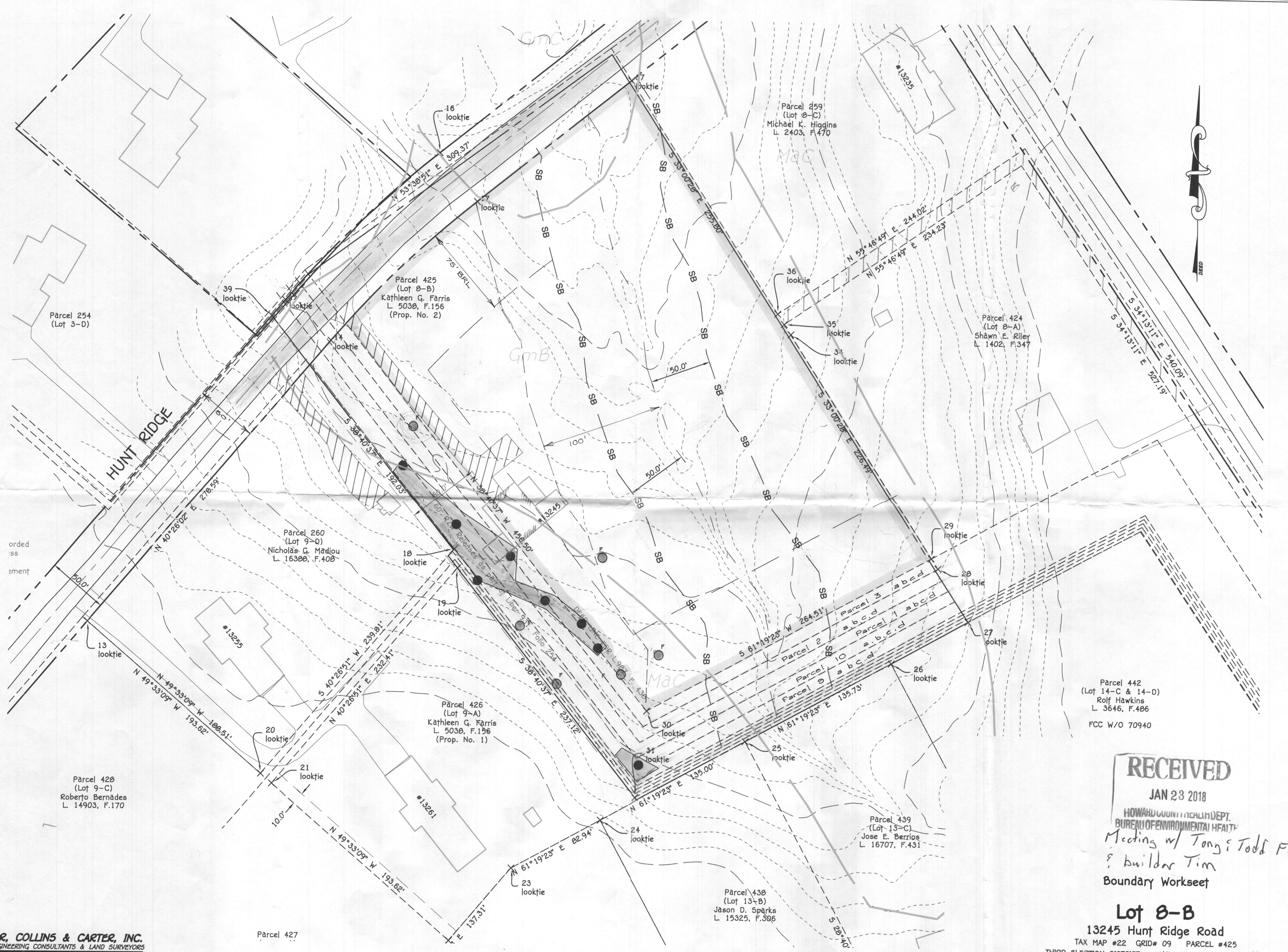
Zoned: RR-DEO
Tax ID No: 03-302172
Tax Map No. 22; Grid No. 9; Parcel No. 426
Third Election District - Howard County, Maryland
Date: June 4, 2015 Scale: 1"=60'

I:\2013\13010.dwg\133558 Deed Farris Property Perc Plan-1.dwg, 6/4/2015 3:43:14 PM, 1:1

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

OWNERS
KATHLEEN FARRIS
13261 HUNT RIDGE ROAD
ELLICOTT CITY, MARYLAND 21042
443-227-3290

PLAN
SCALE: 1" = 60'



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 (410) 461-2955

Parcel 442
 (Lot 14-C & 14-D)
 Rolf Hawkins
 L. 3646, F.486
 FCC W/O 70940

RECEIVED

JAN 23 2018

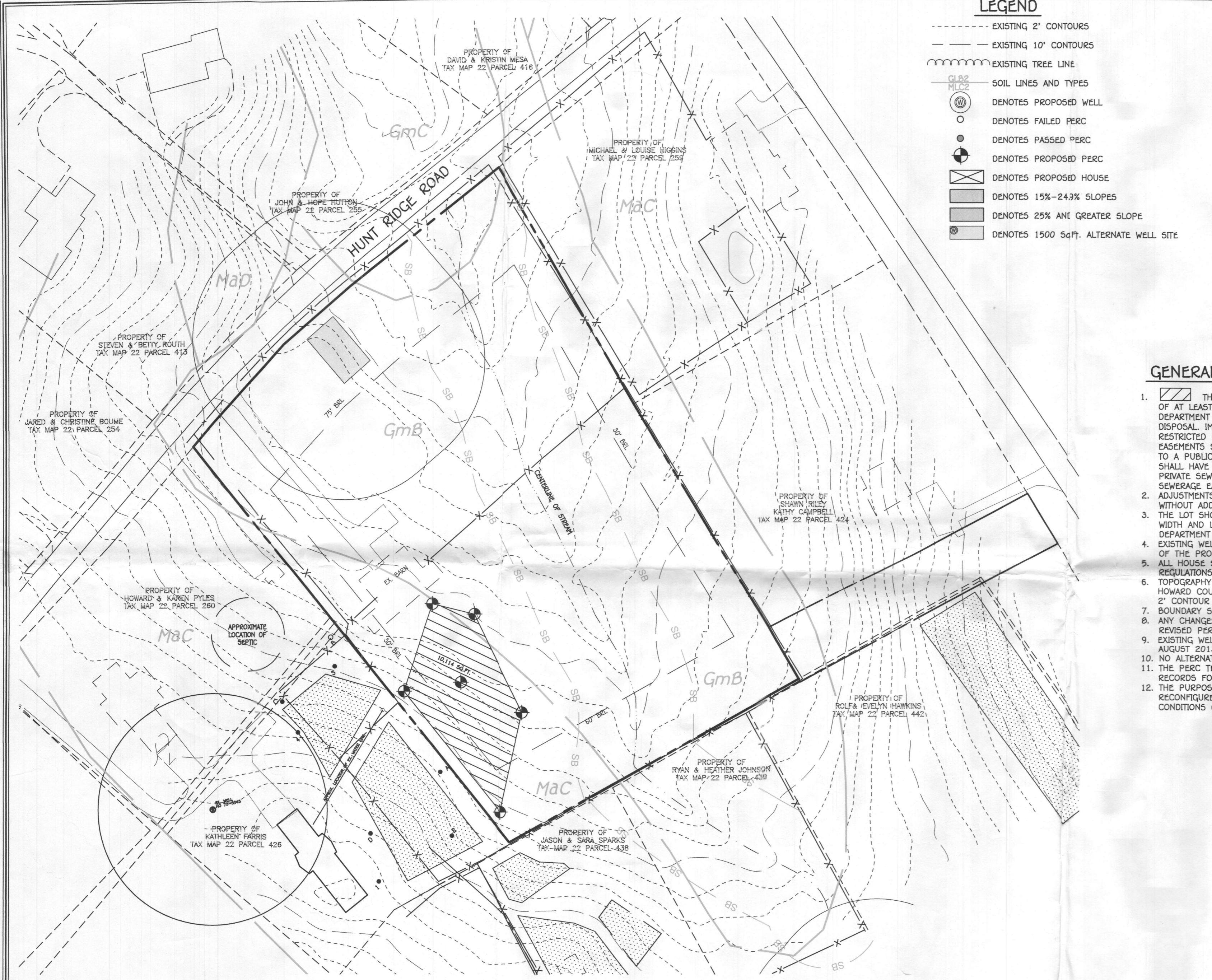
HOWARD COUNTY HEALTH DEPT.
 BUREAU OF ENVIRONMENTAL HEALTH

Meeting w/ Tony & Todd FCC
 & builder Tim
 Boundary Workset

Lot 8-B

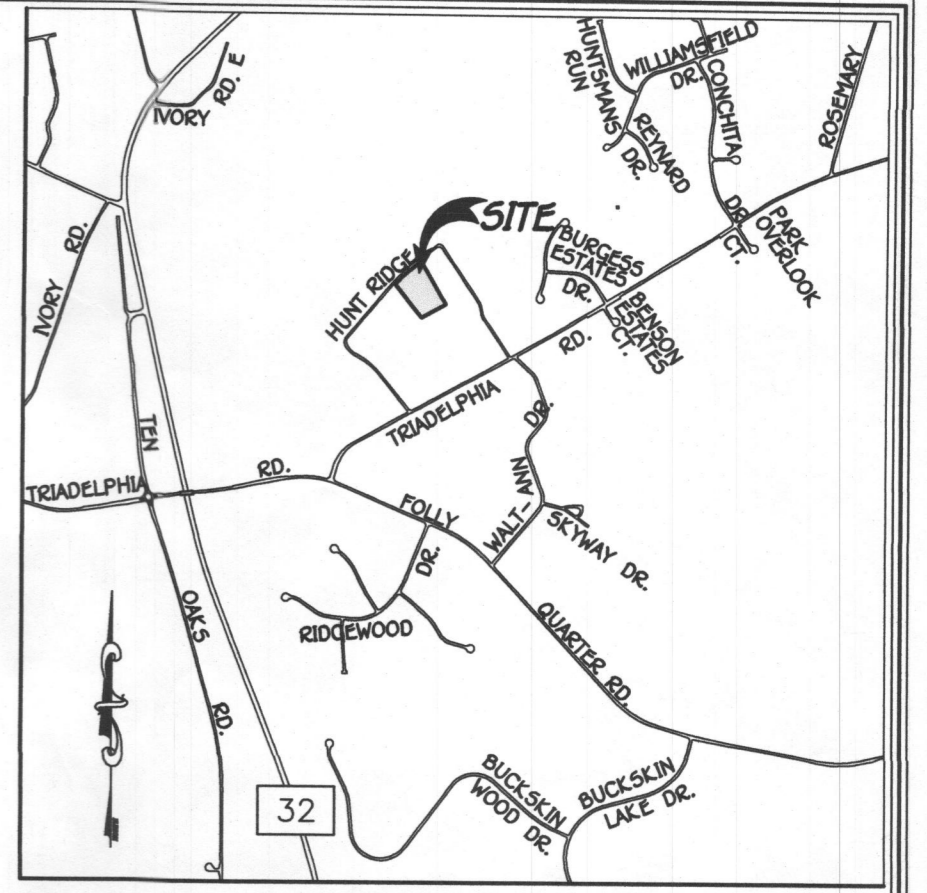
13245 Hunt Ridge Road
 TAX MAP #22 GRID# 09 PARCEL #425
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: OCT. 3, 2017
 SHEET 1 OF 1

F:\2017\13245\13245.dwg 13:00:00 Survey, WS.dwg, 1/23/2018 1:42:46 PM, NSRV\JHP PageWide XL 5000 HPGL2



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I:\2013\13010\dwg\13358 Deed Farris Property Perc Plan-1.dwg, 3/3/2015 7:11:57 AM, 1:1

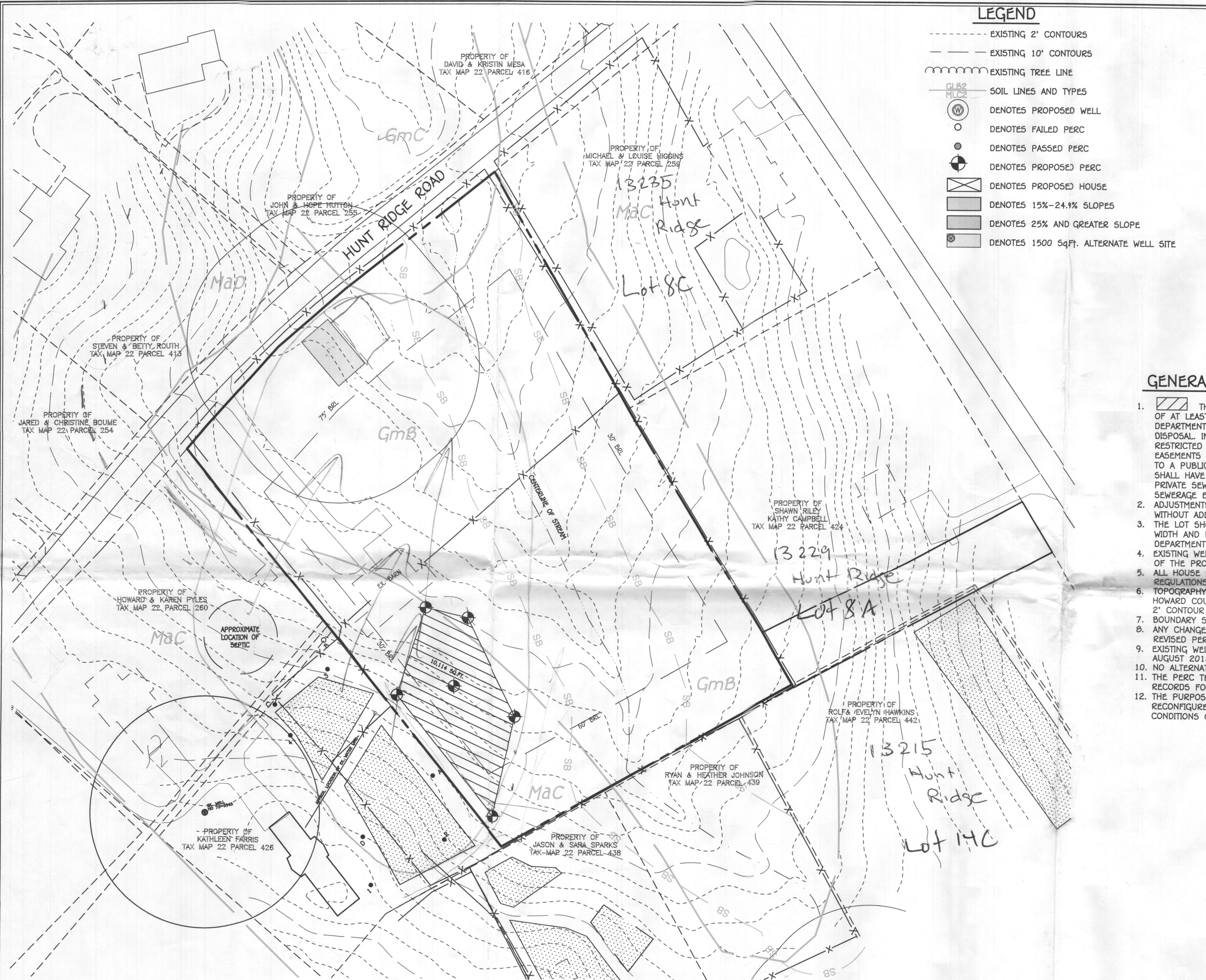
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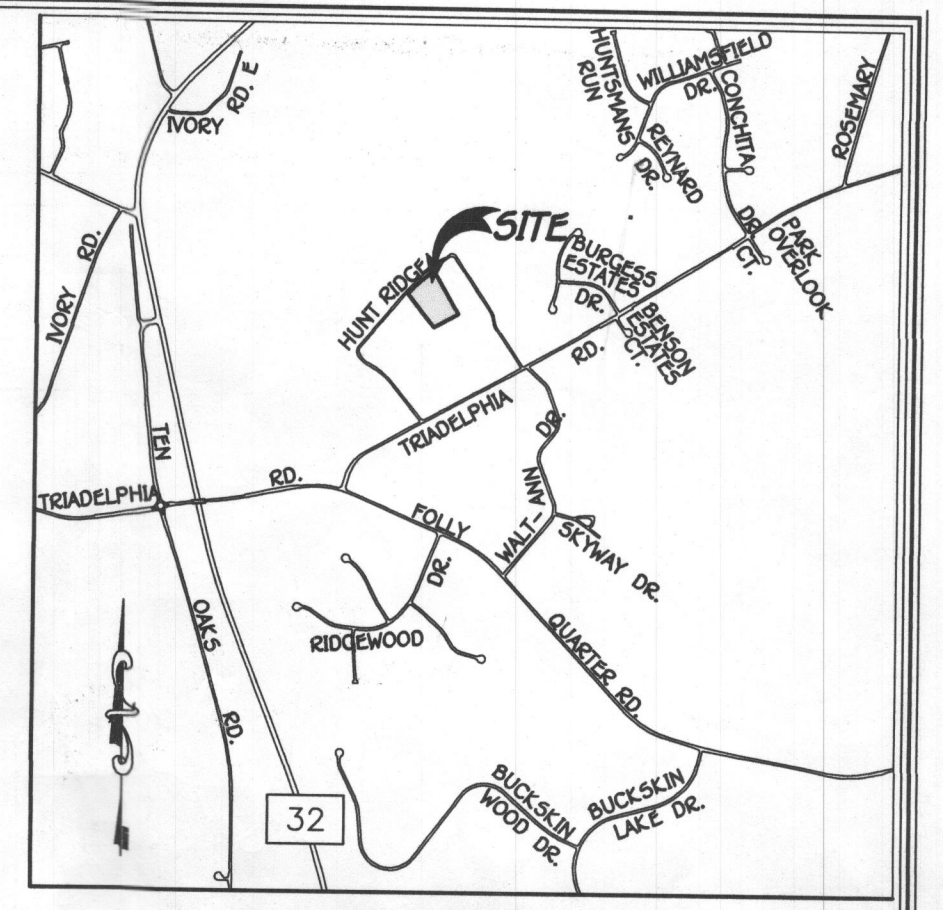
**PERC TEST PLAN
HUNT RIDGE ROAD**

Zoned: RR-DEO
Tax ID No: 03-302172
Tax Map No. 22; Grid No. 9; Parcel No. 426
Third Election District - Howard County, Maryland
Date: MARCH 3, 2015 Scale: As Shown



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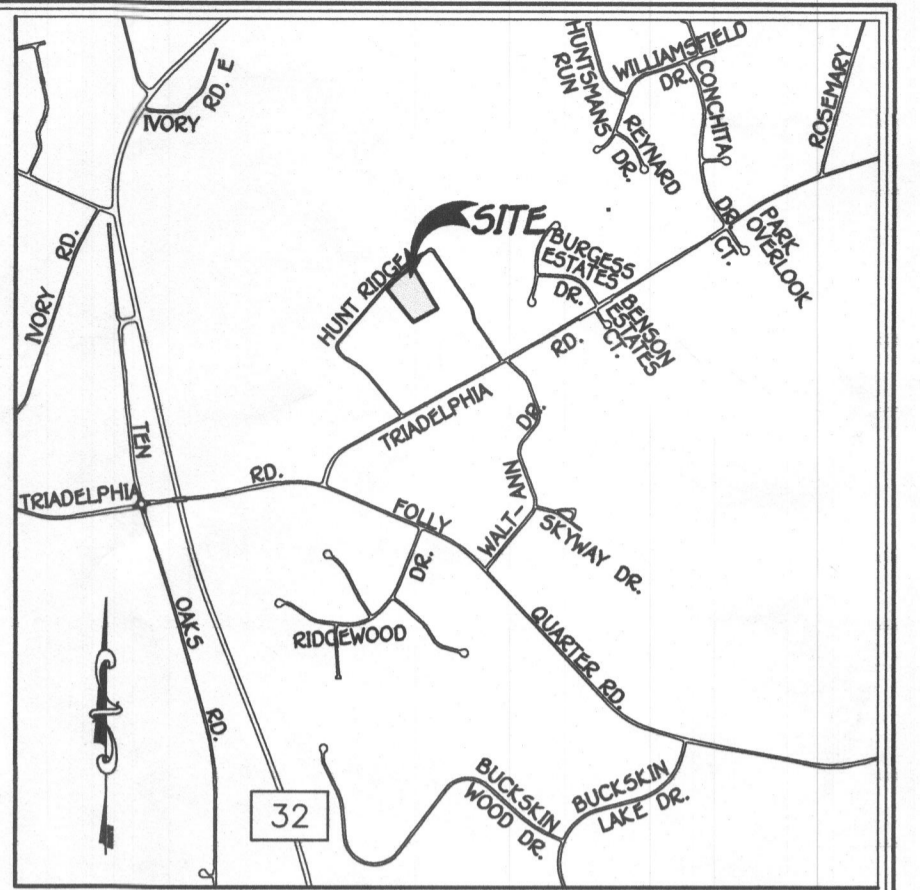
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10. THE PERC TEST LOCATIONS ON-SITE REFLECT FIELD LOCATIONS.
11. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO COMAR TO ALLOW THE WELL ON THIS LOT TO BE LOCATED DOWN GRADIENT OF THE NEIGHBORS SEWER DISPOSAL SYSTEM AND IS SUBJECT TO THE FOLLOWING CONDITION; THE WELL MUST BE STEEL CASED 50 FEET IN DEPTH OR 10 FEET INTO COMPETENT BEDROCK, WHICHEVER IS GREATER.
12. DETAILS OF INITIAL AND REPLACEMENT SYSTEM DESIGN USING TRENCHING SHOWN WILL BE PROVIDED ON A BAT PLAN PRIOR TO BUILDING PERMIT APPROVAL.
13. PROPOSED SYSTEM MUST HAVE EQUAL LENGTH TRENCHES OR BE LOW PRESSURE DOSED. THERE MUST BE 10 FOOT SEPARATION BETWEEN TRENCHING FOR THE INITIAL SYSTEM AND TRENCHING FOR THE REPLACEMENT SYSTEM.

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 12/13/17

Terrell A. Fisher
Date

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

Maurna Rossman
COUNTY HEALTH OFFICER

2/16/2016
DATE

PLAN

SCALE: 1" = 60'

SEPTIC SYSTEM DESIGN

HOLE# 2002D, 2002B, 2011
149 LINEAR FEET OF TRENCHING, CAPABLE OF HANDLING 851 GPD
APPLICATION RATE = 0.8
EFFECTIVE SIDEWALL BEGINS AT 3.0 FEET
TRENCH DEPTH = 7 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 4 FEET

HOLE# 5000, 2014, 2013
128 LINEAR FEET OF TRENCHING, CAPABLE OF HANDLING 461 GPD
APPLICATION RATE = 0.6
EFFECTIVE SIDEWALL BEGINS AT 3.0 FEET
TRENCH DEPTH = 6 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 3 FEET

OWNERS
KATHLEEN FARRIS
13261 HUNT RIDGE ROAD
ELLCOTT CITY, MARYLAND 21042
443-227-3290

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2895

PERC CERTIFICATION PLAN
13245 HUNT RIDGE

Zoned: RR-DEO
Tax ID No: 03-302172
Tax Map No. 22; Grid No. 9; Parcel No. 426
Third Election District - Howard County, Maryland
Date: February 11, 2016 Scale: 1"=60'