

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

APPLICATION FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME
PROPERTY ADDRESS 2061 ROUTE 32 SYKESVILLE MD 21784-0000
TAX ACCOUNT # 282627 TAX MAP 15 GRID 5 PARCEL 135 LOT NO. PROPOSED LOT SIZE (ACRES) 1.073
ZONING CATEGORY RR-DEO TIER

PROPERTY OWNER(S) Cumberland Development Custom Homes
DAYTIME PHONE (301) 252-1122 CELL EMAIL
MAILING ADDRESS 2983 Duvall Road Woodbine, MD 21797

APPLICANT Cumberland Development Custom Homes RELATIONSHIP TO OWNER:
DAYTIME PHONE (301) 252-1122 CELL EMAIL
MAILING ADDRESS 2983 Duvall Road Woodbine, MD 21797

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

PROPERTY:

- Subdivision: NUMBER OF LOTS INCLUDING RESIDUE: 1
SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) MAJOR MINOR
CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
REPAIR OR REPLACE FAILING OSDS
UPGRADE EXISTING OSDS

BUILDING:

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

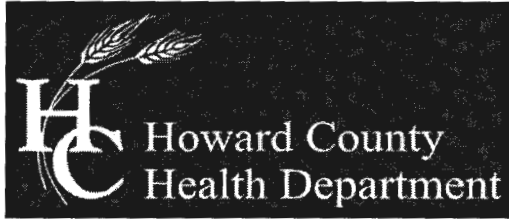
IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- 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 6-30-17



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

MEMORANDUM

TO: Tony Fertitta
Fisher, Collins, and Carter

FROM: Jeff Williams
Program Supervisor, Well & Septic Program

RE: Perc Certification plan, 2061 Route 32

DATE: August 11, 2017

I have reviewed the perc certification plan submitted on 7/31/2017 and have the following comments for revision:

1. Provide a note stating the length of trench shown and the number of bedrooms supported by the trenching shown on the plan. State in the note that if additional bedrooms are proposed, the area may need to be revised to accommodate 3 systems at the appropriate amount of trenching. Additional perc testing may be required.
2. Revise note 1 to indicate 3 systems, not 10,000 sq ft
3. Remove note 3
4. Revise note 6 to state that the existing well must be abandoned prior to health release of a demolition permit for the existing house or approval of a building permit, whichever comes first.
5. Revise note 7 to state "...Health approval of the building permit..."

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Friday, August 11, 2017 3:39 PM
To: tonyf@fcc-eng.com
Cc: Oswald, Hank
Subject: 2061 rt 32 perc cert
Attachments: 2061 rt 32 pc memo.pdf

Attached is a memo with comments for revision. We are also waiting for MDE approval of the variance before we can sign. Thanks

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

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Williams, Jeffrey

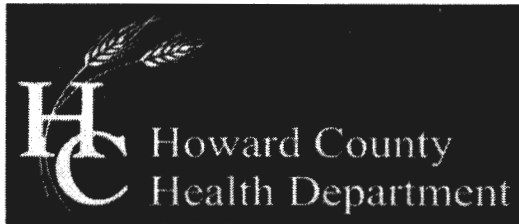
From: Williams, Jeffrey
Sent: Friday, August 11, 2017 3:32 PM
To: Naomi Howell -MDE- (naomi.howell@maryland.gov)
Cc: Oswald, Hank
Subject: downgrade well variance
Attachments: 20170811154007022.pdf; 20170811153653901.pdf

Hi Nony. We received a well variance application for the attached property at 2061 Rt. 32. The proposed wells are downgrade of the neighboring sewage disposal area 225' away at the closest. Let me know if you have questions. Thanks

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

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

APPLICATION FOR VARIANCE TO COMAR ONSITE WATER/SEWER FOR MDE APPROVAL

Date Submitted

July 28, 2017

Property Address

2061 Route 32, Sykesville, MD 21784

Subdivision

Lot

Tax Map

Grid

Parcel

Tax Account #

15

135

Provide a brief site history including previously submitted and active plans with the Health Department or the County (subdivision plans, perc test applications, Building Permit applications):

Perc Certification

In the area below, list the specific section of the Code of Maryland Regulations (COMAR) to which a variance is being requested and provide a brief summary of the regulation and an explanation of why the variance is being requested (Attach a separate sheet if necessary).

Regulation Section

Summary and Explanation

1. COMAR 26.04.02.05.B.(2)

Specifies that on-site sewage disposal system is to be located downgradient from a private water well.

2.

Property Owner's Signature

Property Owner's Signature

Health Department Use Only

Reviewed by

HCHD Staff

Date

Recommendation:

[X] Recommended

[] Not Recommended

HCHD Supervisor

Date

[Signature]

8/11/17

Comments/Conditions:

- wells: steel casing to 50' depth or 10' to bedrock, whichever is deeper

Approved by:

MDE Representative

Date

July 28, 2017

Mike Davis

Howard County Health Department

RE: Percolation Test Plan

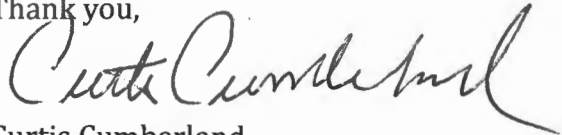
2061 Rout 32

Sykesville, MD 21784

Mr. Davis:

This is a letter requesting a various from 10' to 5' for the SDA setback from property lines. If you have any questions please don't hesitate to call me at 301 252 1122.

Thank you,



Curtis Cumberland

Cumberland Development Custom Homes.

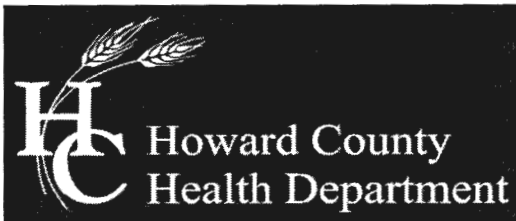
- What # of bedrooms can fit w/ trenches shown?

- note 1 - not 10,000

- remove note 3

- note 6 - abandon well during demo/
before BP

- note 7 - "Health approval of BP"



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

July 27, 2017

Fisher, Collins & Carter, Inc.
10272 Baltimore National Pike
Ellicott City, MD 21042
Attn: Tony Fertitta

Sent via email to: tonyf@fcc-eng.com

RE: Percolation Test Plan Comments
2061 Route 32
Sykesville, MD 21784

Hi Tony:

The perc test plan for 2061 Route 32 has been reviewed with the following comments;

- ✓ 1.) Change last symbol in legend to read, Denotes Proposed Well Sites.
- ✓ 2.) Add note to plan layout, Existing Well to be Properly Abandoned or change legend symbol wording to match.
- ✓ 3.) Add note to plan layout, Existing House to be razed.
 - 4.) Add general note, A new well must be drilled prior to building permit approval by the Health Department.
- ✓ 5.) Add general note, Existing septic system must be properly abandoned and confirmed onsite prior to I.C.O.P. issuance.
- ✓ 6.) Add general note, MDE has approved a Variance for the well on this lot to be located down gradient of the septic system on 2049 Route 32 and is subject to the following conditions; The well on this lot must be constructed using a steel well casing, which must be installed to a minimum depth of 50 feet below ground surface or 10 feet into competent bedrock, whichever is deeper.
- ✓ 7.) Match perc test hole numbers on plan with perc test hole numbers from field notes.
- ✓ 8.) Add general note, The property lines must be staked prior to septic system installation in order to confirm 5 foot setback allowance of the SDA to the property lines.

Should you have any concerns or questions, please don't hesitate contact me.

Respectfully,

Hank Oswald

Hank Oswald, L.E.H.S
Bureau of Environmental Health
Well & Septic Program



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

July 12, 2017

To: Bill & Lee Cumberland (Owner); Tony Fertitta (Engineer)

Percolation Test Report; 2061 Route 32, Sykesville, MD 21784

Percolation tests were conducted at 2061 Route 32 (Tax Map 15, Parcel 135) on July 12, 2017. Tests and profile descriptions were documented for 5 locations. All 5 test holes passed.

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 the septic reserve area are represented by test locations having satisfactory soil condition. The area must be at least large enough to accommodate 3 systems for the planned residence.

The next step in the process is to have an engineer/consultant submit a percolation certification plan to confirm the design of the septic reserve areas.

Should you have any questions regarding this evaluation please contact me. I may be reached at (410) 313-1786 or by email hoswald@howardcountymd.gov

Respectfully,

Hank Oswald

Hank Oswald, L.E.H.S
Bureau of Environmental Health
Well & Septic Program

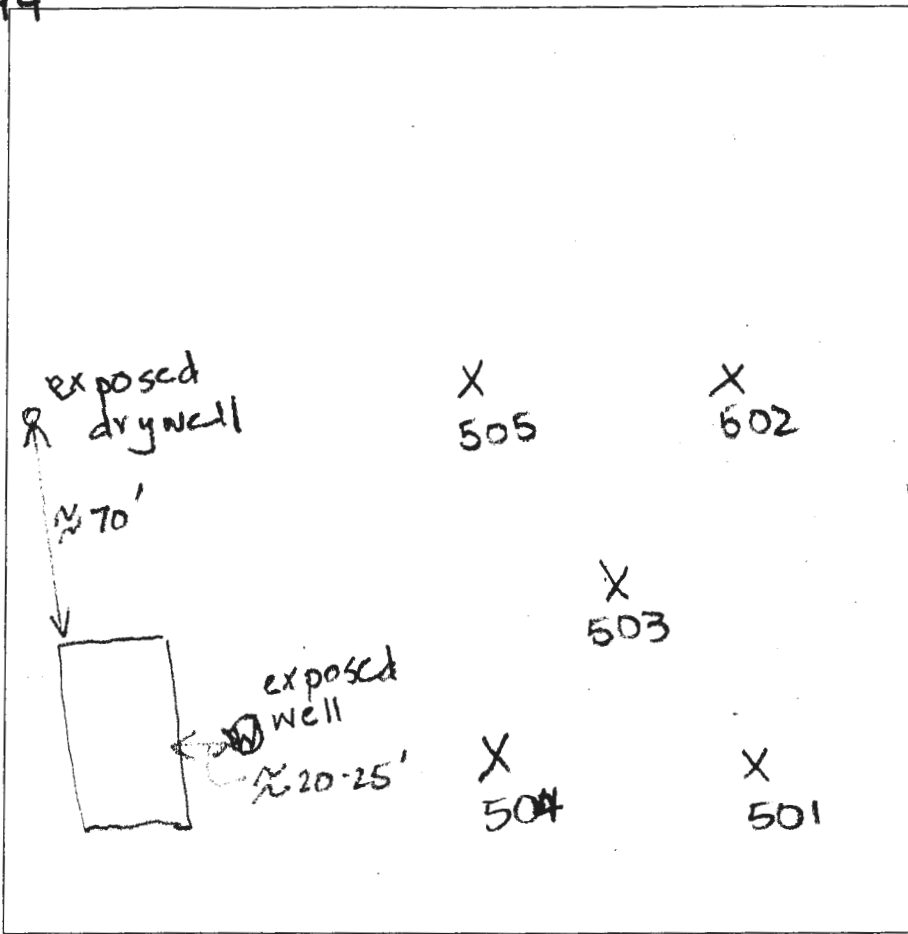
Attachment: Percolation Field Notes

A/P A5-61444

501
0.1 - brl
tan
v fsl
3' - bk
w/mica
tan
v fsl
8' - pl
5-10%
rock
12' - dry
502

0.2 - brl
v fsl
2' - bk
few roots
4' - w/mica
v fsl
v f platy
5-10%
rock
12' - dry
503

0.4 - brl
tan
v fsl
bk
w/mica
12.5 - dry



504
0.2 - brl
tan
v fsl
bk
w/mica
4' - tan
v fsl
v f platy
13' - dry
505
0.1 - brl
tan
v fsl
w/mica
4' - tan
v fsl
platy
12' - dry

2061 RT 32

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/12/17	501	4' 11" / 12'	9:29	9:32	9:37	5	P
7/12/17	502	5' 7" / 12'	10:36	10:40	10:45	5	P
7/12/17	503	5' 4" / 12' 5"	10:09	10:10	10:12	2	P
7/12/17	504	5' 4" / 13'	9:49	9:50	9:54	4	P
7/12/17	505	5' / 12'	10:55	10:56	10:57	1	Top East
	↳ Repair		11:01	11:02	11:04	2	P

REMARKS 1.2 rate, 4' sidewall,
SANITARIAN H. Oswald BACKHOE Bill & Lee Cumberland OTHERS
TEST HOLES USED IN SDA 501 - 505 AVG. PERC TIME SQ. FT/BR 4 BR
TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE S/W
cumberland dev custom homes@gmail.com
lee@cumberlandincorporated.com
tonyf@fcc-eng.com

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, July 13, 2017 12:56 PM
To: CUMBERLANDDEVCUSTOMHOMES@GMAIL.COM; 'lee@cumberlandincorporated.com'
Cc: tonyf@fcc-eng.com
Subject: Perc Test Results_2061 Route 32
Attachments: Perc Test Report_2061 Route 32_7.12.17.pdf; Perc Test Notes_2061 Route 32.pdf

Attached, please find perc test results for 2061 Route 32. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
410.313.2648 (Fax)

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, July 27, 2017 2:16 PM
To: tonyf@fcc-eng.com
Subject: Perc Cert plan Comments_2061 Route 32
Attachments: Perc Cert Plan Comments_2061 Route 32_7.27.17.pdf; WS_Route32_2049_SepticPermit-1986.pdf; Variance application-interactive_well downgrade.pdf

Hi Tony:

Attached, please find comments pertaining to the perc test plan for 2061 Route 32 along with the record for the property located behind this lot should you need it. We will need a variance request form (attached) completed and submitted with the revised perc cert plan for the down gradient well on this lot along with a general Waiver Request letter for the 5 foot reduction to the 10 foot setback requirement of the SDA to the property line. Please note, the Waiver letter and Variance are separate requests.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
410.313.2648 (Fax)

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

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Transmittal

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.

Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

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 Fax: (410) 313-2648 Phone: (410) 313-2640
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From: Tony Fertitta	CC:
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Re: 2061 Route 32	W.O.# 17019
Date: July 19, 2017	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) prints of the drawing entitled " Perc Certification Plan "
dated July 19, 2017. If we may be of any further assistance, please do not hesitate to call.

Very truly yours,


Tony Fertitta

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4/18/86
(A.M. please)

approved
6/20/86
septic permit

4/21/86
Need 5% of
cap to final
approval

PERMIT

P 34704

A 25224

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

9 2530
461-9933

03-296210

INDEXED

ELLICOTT CITY

DISTRICT 3rd

DATE 3/26/86

J.M.I. IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 489-5285

SUBDIVISION Slack's Corner ROAD 2049 Route 32 LOT 2

PROPERTY OWNER George Slack

**BUILDING PERMIT SIGNED
AND RETURNED**

ADDRESS 429105 B00154740 - CAREBO

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 1/2 feet below original grade. Bottom maximum depth 9 1/2 feet below original grade. Effective area begins at 4 1/2 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the front (315') lot line and 90 feet from the left (738.9') lot line. Run trench(s) along contour toward right (546.7') lot line.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BLDG. PERMIT SIGNED
AND RETURNED 10/2/86
Serial # 8755 - P.M.L.

PLANS APPROVED BY C. Williams DATE 8/13/85

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

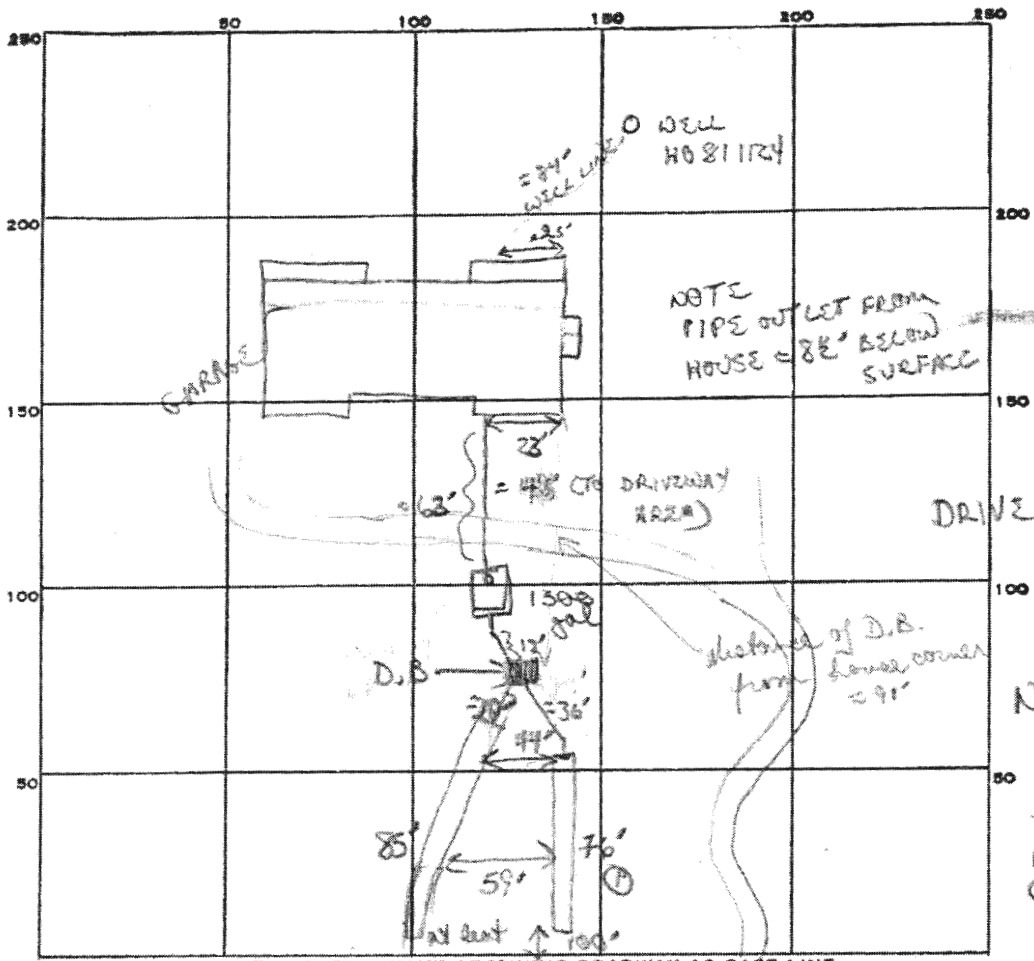
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 25224



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

ENTRANCE OFF RTE 32

NOTE: TO PREVENT WASTAGE OF SPACE BETWEEN TRENCHES, 1 REPAIR SHOULD GO IN BETWEEN

180
4
720

76
5
380

85
5
425

PERMIT CARD CONT.

SEPTIC TANK, LEVEL 1500 gal

CLEANOUTS 40 ST.

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 9 1/2 + 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5' + 5' IN. TOTAL LENGTH 76 + 85' FT.

NUMBER OF TRENCHES 2 1 SIDE WALL TOTAL BOTTOM AREA 380 + 425

SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.

ABSORBENT AREA 805 SQ. FT.

REMARKS 4/1/86 OK to add stone to 1st trench. Need second trench

to pull from 1st because of relative location in perc field. OK to start 2nd trench & partial cover 1st to get access to 2nd

4/18/86 OK to finish digging trench #2 (extra long for extra sq ft). OK to cover trench #1; OK to add stone pipe paper to trench #2

4/21/86 OK to cover trench #2 & Dist Box. No cap for septic tank yet made. Need cap for approval

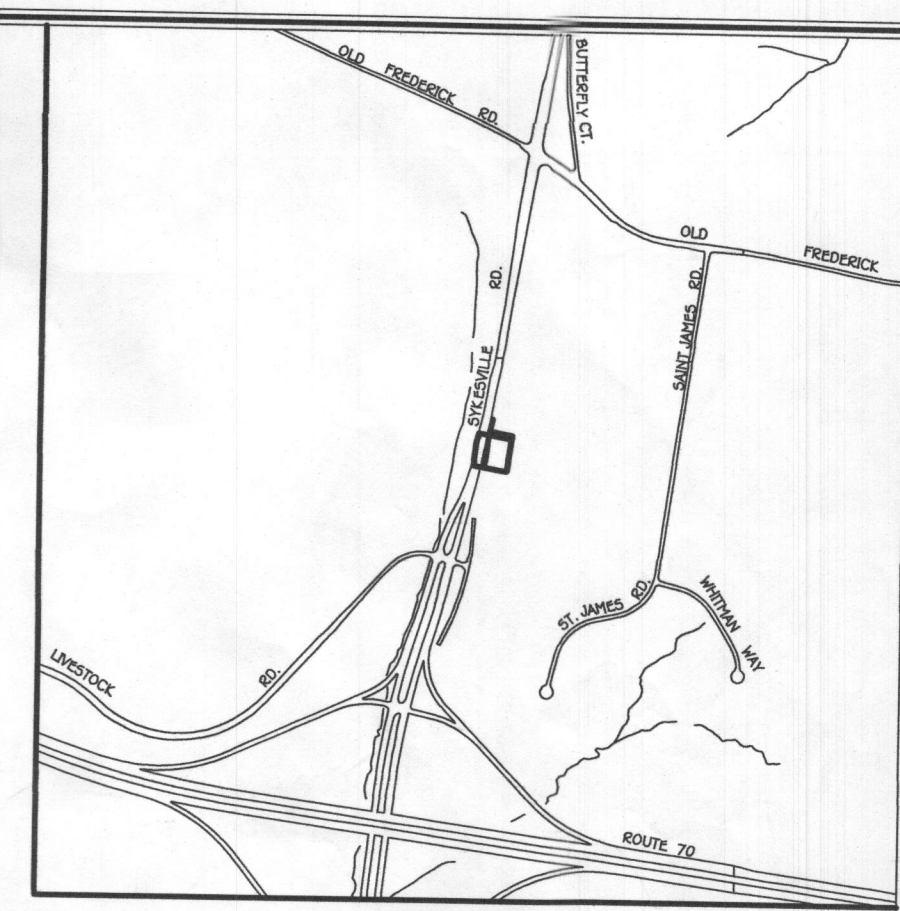
DATE SYSTEM APPROVED 6/26/86 INSPECTOR B. NIXON

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊕ DENOTES PROPOSED PERC
- ⊗ DENOTES PROPOSED HOUSE
- ⊠ DENOTES 15%-24.9% SLOPES
- ⊡ DENOTES 25% AND GREATER SLOPE
- ⊞ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



SOILS LEGEND		
SOIL	NAME	CLASS
MAC	Manor loam, 0 to 15 percent slopes	B
UAF	Udorthents, Highway, 0 to 65 percent slopes	X



VICINITY MAP
SCALE: 1" = 1200'

MARYLAND ROUTE 32



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. WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT.
7. TOPOGRAPHY SHOWN IS FIELD RUN BY FISHER, COLLINS AND CARTER, INC.
8. BOUNDARY OUTLINE BASED ON FIELD RUN BY FISHER, COLLINS AND CARTER, INC.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
10. DEED REFERENCE LIBER 17594 FOLD 457.

PERC APPLICATION PLAT
2061 ROUTE 32

TAX MAP #15 PARCEL: 135
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30 DATE: JUNE 30, 2017

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- - - EXISTING TREE LINE
- SOIL LINES AND TYPES
- (W) DENOTES EXISTING WELL
- (O) DENOTES PASSED PERC
- (X) DENOTES PROPOSED HOUSE
- (W) DENOTES PROPOSED WELL SITE



SOILS LEGEND

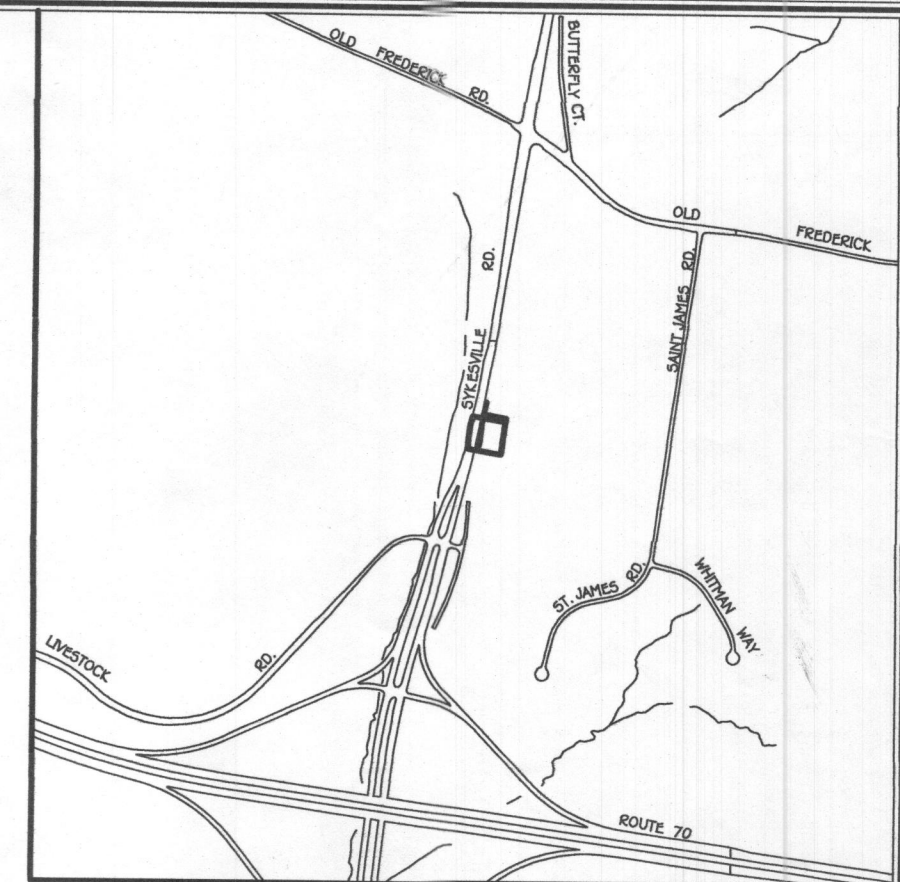
SOIL	NAME	CLASS
MaC	Manor loam, 0 to 15 percent slopes	B
UaF	Udorthents, Highway, 0 to 65 percent slopes	X

PERC CERTIFICATION
 I certify that the locations shown herein 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
 8/22/17 /Date

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

Maura Rossman
 COUNTY HEALTH OFFICER
 9/5/2017 DATE



VICINITY MAP
 SCALE: 1" = 1200'

MARYLAND ROUTE 32



GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT TO ACCOMMODATE 3 SEPTIC SYSTEMS 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. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
4. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
5. THE EXISTING WELL MUST BE ABANDONED PRIOR TO HEALTH RELEASE OF A DEMOLITION PERMIT FOR THE EXISTING HOUSE OR APPROVAL OF A BUILDING PERMIT, WHICHEVER COMES FIRST.
6. A NEW WELL SHALL BE DRILLED PRIOR TO HEALTH APPROVAL OF THE BUILDING PERMIT.
7. TOPOGRAPHY SHOWN IS FIELD RUN BY FISHER, COLLINS AND CARTER, INC.
8. BOUNDARY OUTLINE BASED ON FIELD RUN BY FISHER, COLLINS AND CARTER, INC.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
10. DEED REFERENCE LIBER 17994 FOLIO 457.
11. EXISTING SEPTIC SYSTEM MUST BE PROPERLY ABANDONED AND CONFIRMED ONSITE PRIOR TO I.C.P. ISSUANCE.
12. HDE HAS APPROVED A VARIANCE FOR THE WELL ON THIS LOT TO BE LOCATED DOWN GRADIENT OF THE SEPTIC SYSTEM ON 2049 ROUTE 32 AND IS SUBJECT TO THE FOLLOWING CONDITIONS; THE WELL ON THIS LOT MUST BE CONSTRUCTED USING A STEEL WELL CASING, WHICH MUST BE INSTALLED TO A MINIMUM DEPTH OF 50 FEET BELOW GROUND SURFACE OR 10 FEET INTO COMPETENT BEDROCK, WHICHEVER IS DEEPER.
13. THE PROPERTY LINES MUST BE STAKED PRIOR TO SEPTIC SYSTEM INSTALLATION IN ORDER TO CONFIRM 5 FOOT SETBACK ALLOWANCE OF THE SDA TO THE PROPERTY LINES.
14. THE SEPTIC AREA ON THIS PLAN WILL SUPPORT A 4 BEDROOM HOUSE THAT REQUIRES TRENCHES TO BE 69.45 FEET LONG. IF ADDITIONAL BEDROOMS ARE PROPOSED, THE AREA MAY NEED TO BE REVISED TO ACCOMMODATE 3 SYSTEMS AT THE APPROPRIATE AMOUNT OF TRENCHING. ADDITIONAL PERC TESTING MAY BE REQUIRED.
15. TEST FOR SALT CONCENTRATION AND YIELD AT THE TIME OF TIME OF INITIAL DRILLING.

PERC CERTIFICATION PLAT
2061 ROUTE 32

TAX MAP #15 PARCEL: 135
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=30 DATE: AUGUST 22 2017

LEGEND

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- ~~~~~ EXISTING TREE LINE
- CLIP
- SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- DENOTES PASSED PERC
- ⊠ DENOTES PROPOSED HOUSE
- ⊙ DENOTES PROPOSED WELL SITE



SOILS LEGEND

SOIL	NAME	CLASS
M&C	Manor loam, 0 to 15 percent slopes	B
U&F	Udorthents, Highway, 0 to 65 percent slopes	X

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

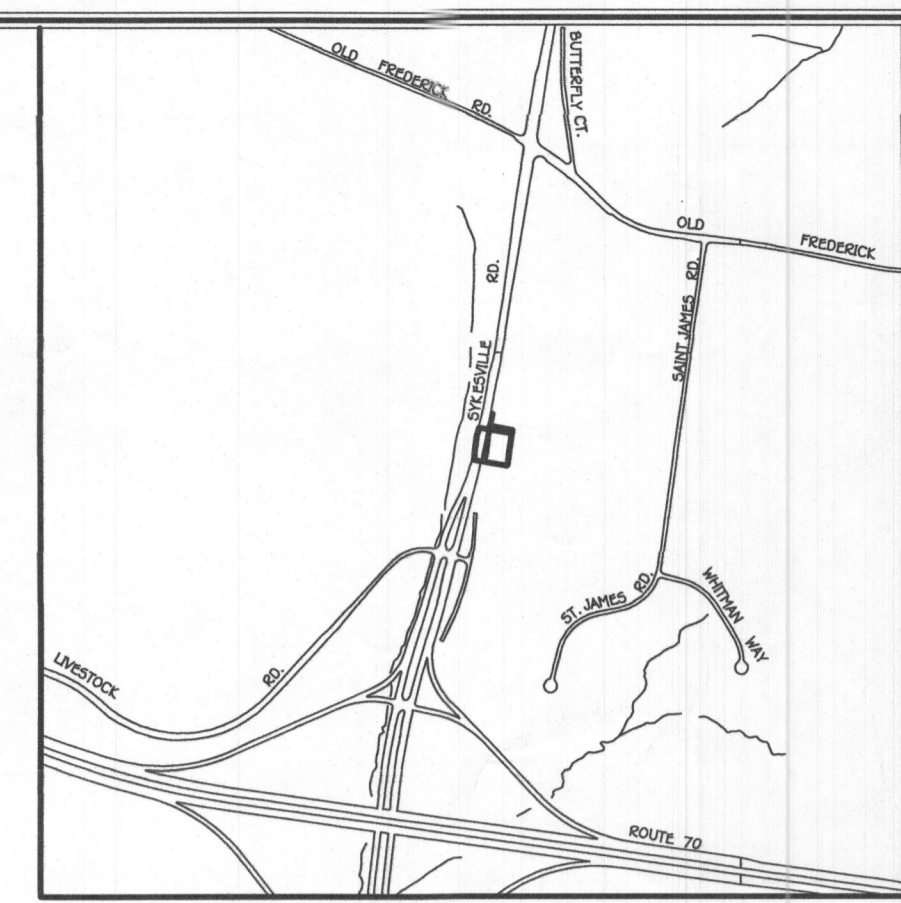
Terrell A. Fisher
 Signature of Professional Land Surveyor
 Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/17

8/22/17
 Date

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

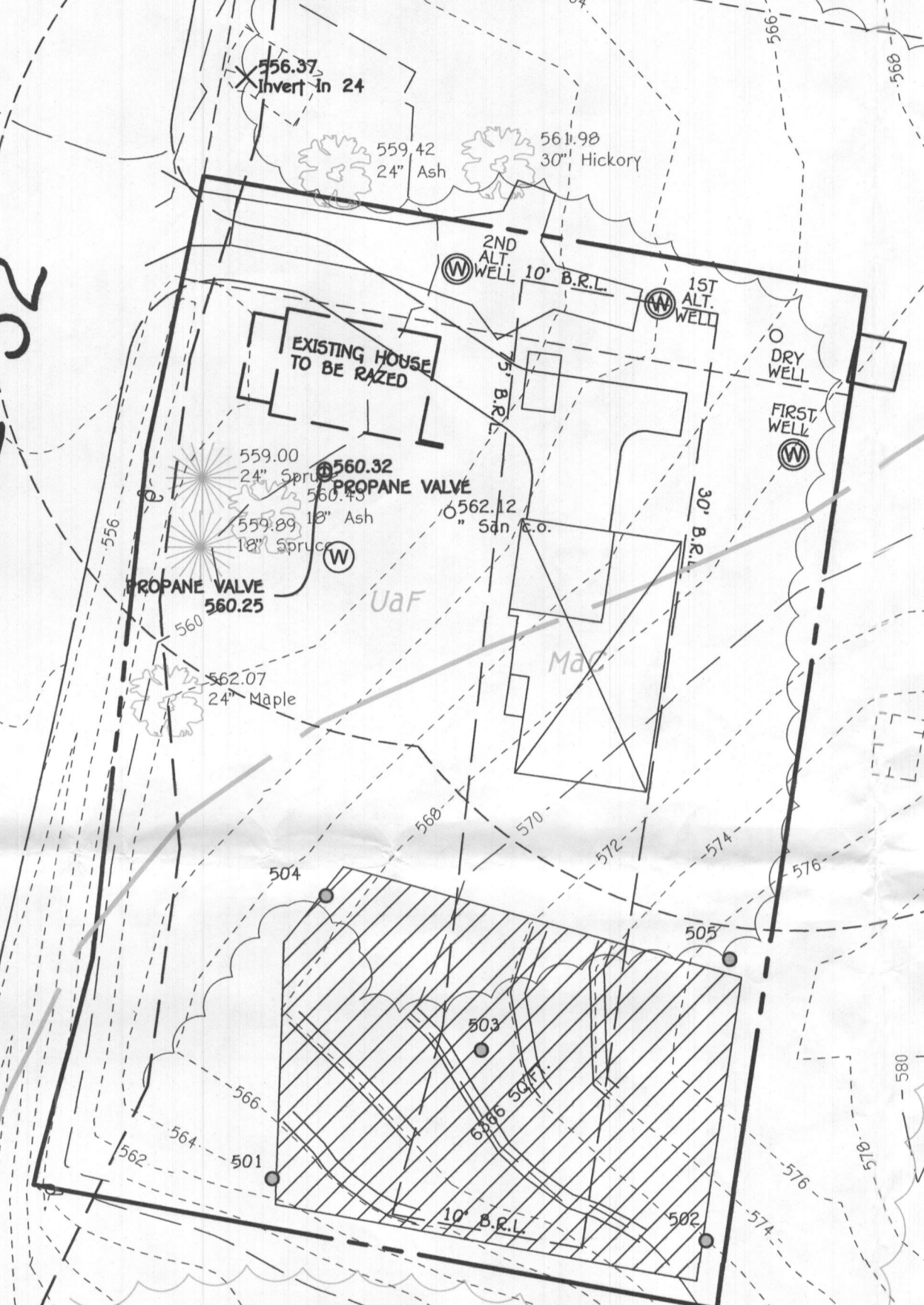
William M. Moore
 COUNTY HEALTH OFFICER

9/5/2017
 DATE



VICINITY MAP
 SCALE: 1" = 1200'

MARYLAND ROUTE 32



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PERC CERTIFICATION PLAT
2061 ROUTE 32

TAX MAP #15
 3RD ELECTION DISTRICT
 SCALE: 1"=30'

PARCEL: 135
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST 22 2017