

C1 56744

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER XIII

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE Received MM 01 DD 28 YY 19 13

DATE WELL COMPLETED

MM 01 DD 12 YY 19 20

Depth of Well

22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 45-17-0353

28 29 30 31 32 33 34 35 36 37

OWNER: Heritage Land Development; WELL SITE ADDRESS: DAILY ROAD; TOWN: WOODBINE; SUBDIVISION: LINDEN GROVE; SECTION: ; LOT: 19

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Soil, Brown State, Light Brown State, Med, and Gray Rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N; TYPE OF GROUTING MATERIAL (Circle one) CM BC; NO. OF BAGS 27; NO. OF POUNDS 135; GALLONS OF WATER 20.5; DEPTH OF GROUT SEAL (to nearest foot) from 0 to 65

CASING RECORD

MAIN CASING TYPE PL; Nominal diameter top (main) casing (nearest inch) 6; Total depth of main casing (nearest foot) 65

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (insert appropriate code below) ST BR HO PL OT

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes Y no N

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED; E ELECTRIC LOG OBTAINED; P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. M 4D 355; DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. WRD 113

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.)

Table for depth with columns 1-21 and 23-51. Values include 65 and 300.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3; PUMPING RATE (gal. per min.) 6.0; METHOD USED TO MEASURE PUMPING RATE Wash/Bucket; WATER LEVEL (distance from land surface) BEFORE PUMPING 26 ft, WHEN PUMPING 73 ft; TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES NO; IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS; TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29; CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35; PUMP HORSE POWER 37 41; PUMP COLUMN LENGTH (nearest ft.) 43 47; CASING HEIGHT (circle appropriate box and enter casing height) + above 49, - below 49; LAND SURFACE (nearest foot) 1

LATITUDE 39.32767; LONGITUDE 77.06355 (DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or state law.



MICHAEL BARLOW WELL DRILLING & SERVICE, INC.

522 Underwood Lane
(410) 838-6910

Bel Air, Maryland 21014
Fax (410) 838-3582

WELL YIELD REPORT

Date Test Completed: January 12, 2019

Well Depth: 300 feet

Customer Heritage Land Development
Road Daisy Road
City Woodbine
State Maryland

Permit # HO-17-0353
Subdivision Linden Grove
Section _____
Lot # 19

Time	Water Level feet PUMP SET AT 100	Time to Fill 1-gallon bucket seconds	G.P.M.
1:30 PM	26	4	15.00
1:45 PM	74	10	6.00
2:00 PM	74	10	6.00
2:15 PM	74	10	6.00
2:30 PM	74	10	6.00
2:45 PM	73	10	6.00
3:00 PM	73	10	6.00
3:15 PM	73	10	6.00
3:30 PM	73	10	6.00
3:45 PM	73	10	6.00
4:00 PM	73	10	6.00
4:15 PM	73	10	6.00
4:30 PM	73	10	6.00
4:45 PM	73	10	6.00
This yield test report is for informational purposes only. Please note the yield may increase or decrease over time and the GPM indicated above is not a guarantee.			

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

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Poops Well Pump & Water Treatment, LLC Telephone #: 410 795 5670
Address: 5831 Abner Rd
Springville, MD 21784

Must circle one: Licensed Plumber / Licensed Well Driller / Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): David C Fogle License#: MSD226

*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Toll Brothers Telephone #: _____
Subdivision: Linden Grove Lot #: 19 Well Tag #: HO-17-0353
Site Address: 15620 Linden Grove Lane
Woodbine, MD 21797

Submersible Pump Data

Make: Grundfos
Model #: ISSQE67-180
Pump Capacity: 15
Well Yield: 6

Pitless Adapter

Make: Campbell +
Model#: NA
GPM Depth: 36" (36" min)
GPM NSF/WSC approved: YES

Well Cap and Electric Conduit

Two piece watertight cap: YES
Screened, vented well cap: YES
Cap secured to casing: YES
Conduit min 18" B.G.: YES
Conduit secured to well cap: YES

Depth of well encountered at time of pump installation: 300 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Must circle one: Torque arrestors / Cable guards / Other acceptable method used

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing NA

Piping to house

Type: 1" poly pipe
PSI: 200 (160 psi min)
Depth of supply line: 36" (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: YES
Length of sleeve (5' minimum from foundation): 6"
Sleeve sealed properly: YES

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 4/22/2021

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 04/28/2021 Date Insp. Approved: 04/28/2021 Inspector: [Signature]

Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope not outside of well cap/casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

36" 04/28/2021 [Signature]
28" 04/28/2021 [Signature]
19" 04/28/2021 [Signature]

(Revised form 10/24/2018)

Hours
04/28/2021
7:00
2.5'

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – March 9, 2022

September 9, 2021

Homeowner
15620 Linden Grove Lane
Woodbine, MD 21797

RE: Linden Grove, Lot 19
15620 Linden Grove Lane
Building Permit: B20003289
Well Permit: HO-17-0353

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **5/18/2021**. Final approval of the well line connection to the dwelling was granted on **4/23/2021**. The well construction was completed on **1/12/2019**. Water samples were collected on **8/11/2021, 8/17/2021, 8/23/2021, 9/7/2021**.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-17-0353. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.


This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the *Annotated Code of Maryland, Environment Article, 9-1311*, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

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

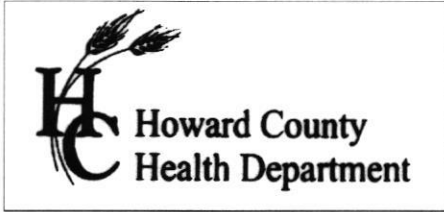
In closing, please refer to our "[Homeowner Fact Sheet](#)" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,



Kevin M. Wolf, LEHS, R.S./REHS, Supervisor
Groundwater Management Section
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File



8930 Stanford Blvd, Columbia MD 21045
 (410) 313-6300 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.askhealth@howardcountymd.gov

Bert Nixon, Director

TO ALL INTERESTED PARTIES

When submitting a well application for a proposed well for new construction, please indicate one of the following:

Well Site Location:

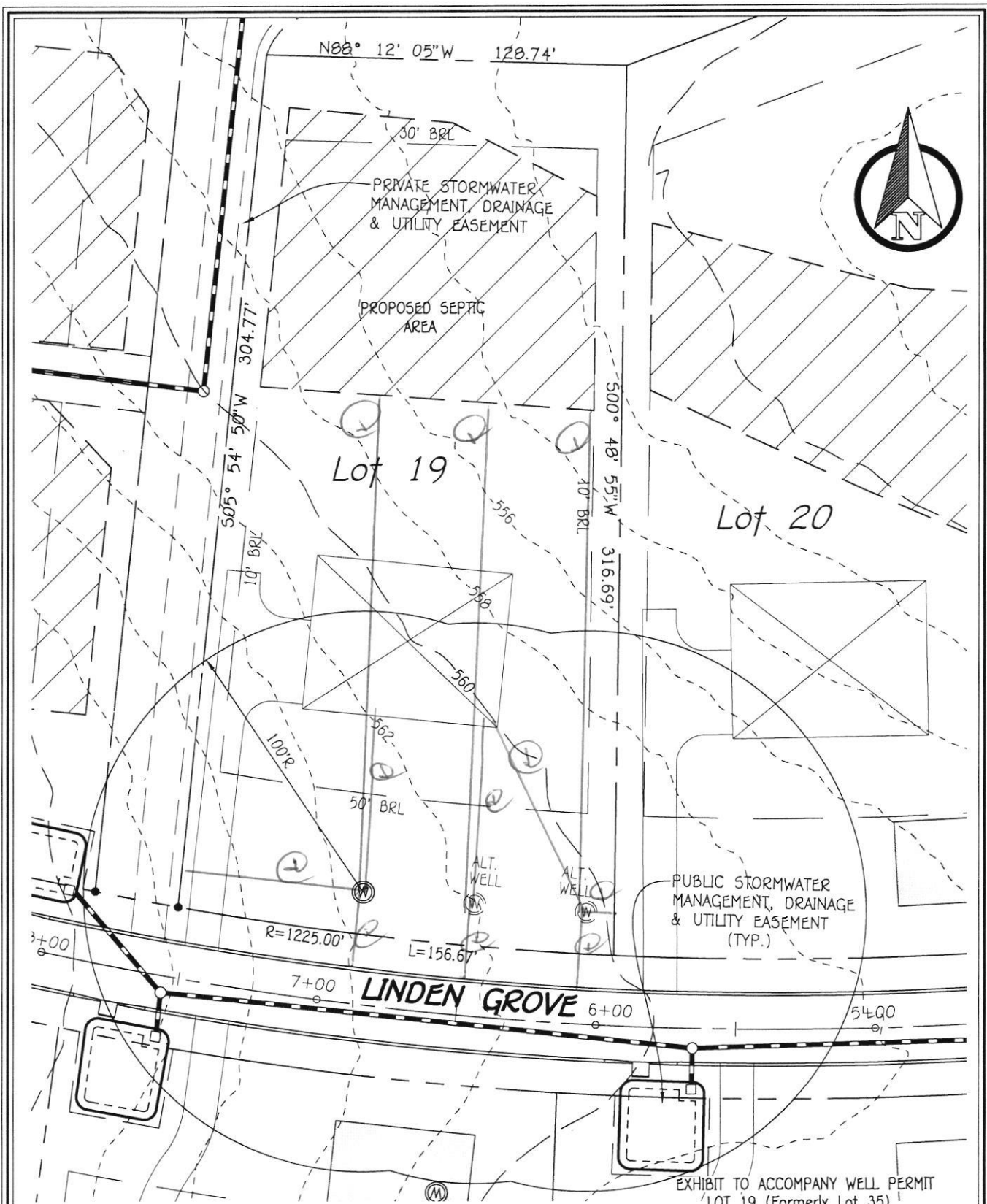
Handwritten: 09/14/2018

Linden Grove	19	Linden Grove
Subdivision/Property Name	Lot #	Road Name

The well site has been staked by Fisher, Collins and Carter,
 (professional land surveyor or company employing professional land surveyors)
 on 08/23/18 (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.



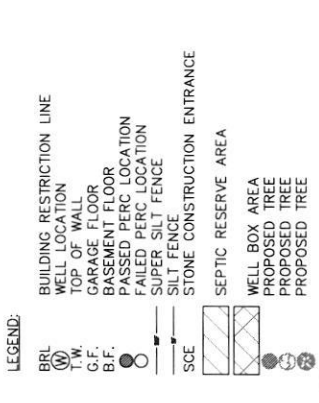
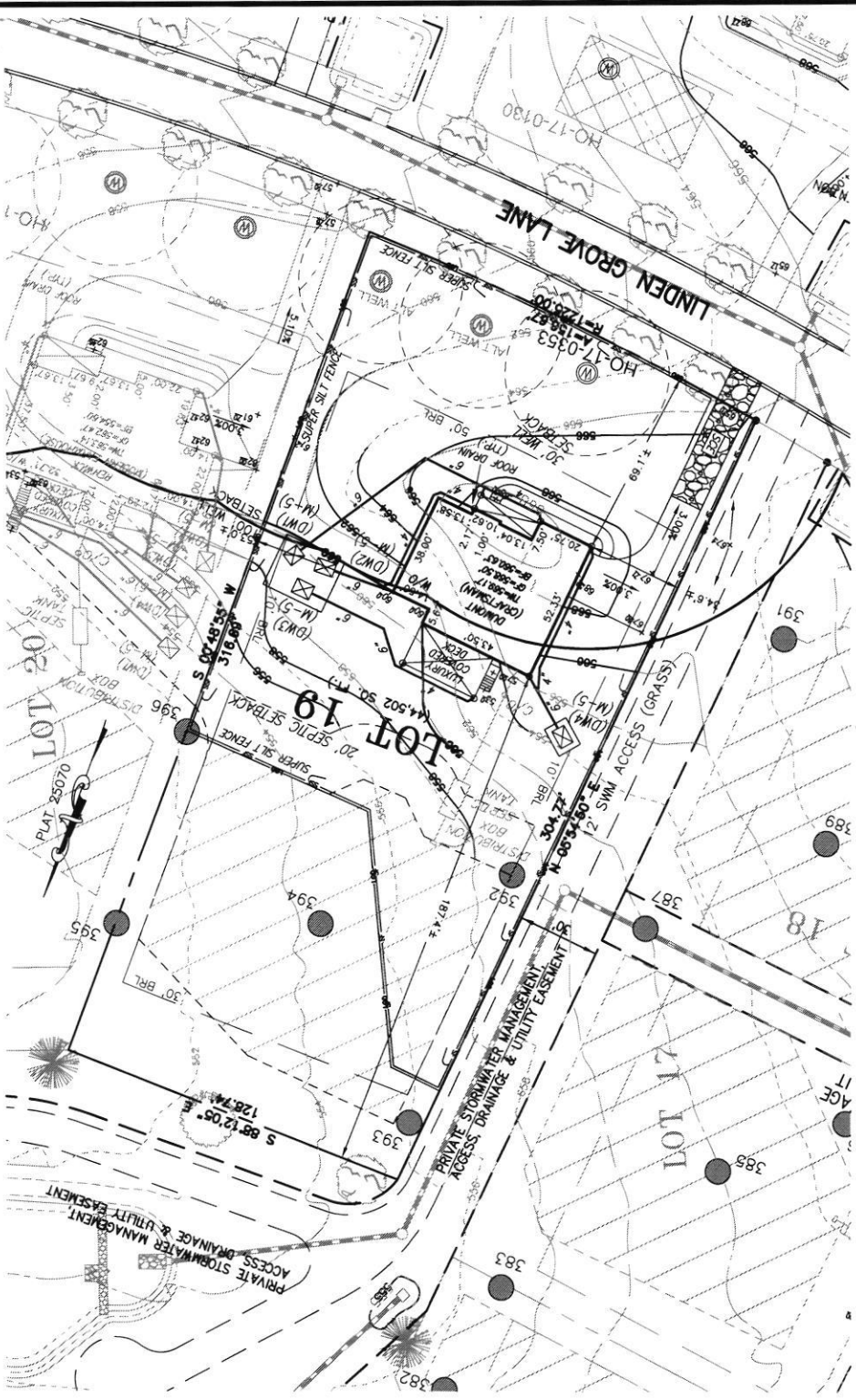
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2855

NOTE:
 MICRO BIO-RETENTION (M-6)
 FACILITIES WITHIN THE 100'
 WELL BOX RADIUS WILL HAVE
 IMPERMEABLE LINERS.

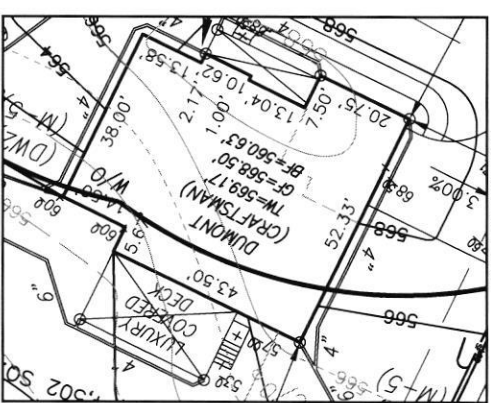
EXHIBIT TO ACCOMPANY WELL PERMIT
 LOT 19 (Formerly Lot 35)
LINDEN GROVE
 PHASE ONE
 ZONED: RC-DEO
 TAX MAP No. 8 GRID No. 7 PARCEL No. 5
 HOWARD COUNTY, MARYLAND SCALE 1" = 50'
 DATE: JUNE 4, 2018

LOT 19 LINDEN GROVE
 APPROVED 7/26/2018 @ #01997 VIA SP-17-003 (3/22/2018)
 STAKED BY FCC F-18-092 Accessed 7/26/2018

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21328, EXPIRATION DATE: 1/8/22.



NOTE:
TOTAL LIMITS OF DISTURBANCE (LOD) = 31,895 SQ. FT.



HOUSE ENLARGEMENT
NOT TO SCALE
BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.

ESE CONSULTANTS
ENGINEERING • PLANNING • SURVEYING • ENVIRONMENT
ESE Consultants, Inc.
784 Columbia Gateway Drive • Suite 230 • Columbia, MD 21046
T: 410-872-9105

PLOT PLAN
LOT 19
LINDEN GROVE
LIBER 19770, FOLIO 293
PLAT NO. 25070
ELECTION DISTRICT No. 4
HOWARD COUNTY, MARYLAND

OPTION No. 012
OPTION No. 013
OPTION No. 017
OPTION No. 018
OPTION No. 581
OPTION No. 263036
OPTION No. 263169

HOUSE TYPE: DUMONT (CRAFTSMAN)
2 CAR SIDE ENTRY GARAGE
FINISHED LOWER LEVEL
WALK-OUT BASEMENT
WALK-OUT LOWER LEVEL
WALK-OUT LOWER LEVEL
POWDER ROOM FOR FINISHED LOWER LEVEL
WALK-OUT LUXURY COVERED DECK

WELL NUMBER: HO-17-0353
ADDRESS: 15620 LINDEN GROVE LANE
WOODBINE, MD 21797



DATE: 11/20/2020 SCALE: 1" = 40'
JOB NO: 4683 DRAWN: G.V.S./R.C.K.
CHK'D: M.J.B.

FILE: PP LOT 19 - DUMONT CRAFT...REV2

DATE: 11/20/2020 SCALE: 1" = 40'
JOB NO: 4683 DRAWN: G.V.S./R.C.K.
CHK'D: M.J.B.

DATE: 11/20/2020 SCALE: 1" = 40'
JOB NO: 4683 DRAWN: G.V.S./R.C.K.
CHK'D: M.J.B.

DATE: 11/20/2020 SCALE: 1" = 40'
JOB NO: 4683 DRAWN: G.V.S./R.C.K.
CHK'D: M.J.B.

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 146481 Account #: 1933
Reference: Linden Grove Lot 19 Client: Fogle's Well Pump & Treatment
Location: 15620 Linden Grove Lane Requested By: Dave Fogle
Woodbine, MD 21797 Source: Well Water
Date/ Time Collected: 8/11/2021 0917 Site: Kitchen Sink Tap
Date/Time Rec'd: 8/11/2021 1234 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.6
Collected By: B. Wilkerson 9315BW Well #: HO-17-0353

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	>200.5	MPN/ 100 ml	<1.0	SM20 9223B	8/12/2021 / 0930 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	8/12/2021 / 0930 / CRS
Nitrate	5.11	mg/L	10	601	8/12/2021 / 1130 / CRS
Turbidity	1.72	NTU	<10	SM20 2130B	8/11/2021 / 1600 / TSD
Sand	ND	mg/L	5	Visual/Gravimetric	8/11/2021 / 1555 / TSD

NOTES:

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NTU = Nephelometric Turbidity Units
- 4 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Sample collected by client, analyzed as received
- 8 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B20003289

Date Reported: 8/12/2021

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 146667 Account #: 1933
Reference: Linden Grove Lot 19 Client: Fogle's Well Pump & Treatment
Location: 15620 Linden Grove Lane Requested By: Dave Fogle
Woodbine, MD 21797 Source: Well Water
Date/ Time Collected: 8/17/2021 1435 Site: Kitchen Sink Tap
Date/Time Rec'd: 8/17/2021 1526 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.7
Collected By: J. Evans 0309JE Well #: HO-17-0353

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	200.5	MPN/ 100 ml	<1.0	SM20 9223B	8/18/2021 / 1000 / TSD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	8/18/2021 / 1000 / TSD

NOTES:

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 Sample collected by client, analyzed as received
- 4 ND:None Detected
- 5 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 6 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B20003289

Date Reported: 8/18/2021

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 146788 Account #: 1933
Reference: Linden Grove Lot 19 Client: Fogle's Well Pump & Treatment
Location: 15620 Linden Grove Lane Requested By: Dave Fogle
Woodbine, MD 21797 Source: Well Water
Date/ Time Collected: 8/23/2021 1500 Site: Kitchen Sink Tap
Date/Time Rec'd: 8/23/2021 1554 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.6
Collected By: J. Evans 0309JE Well #: HO-17-0353

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	27.1	MPN/ 100 ml	<1.0	SM20 9223B	8/24/2021 / 1030 / TSD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	8/24/2021 / 1030 / TSD
Iron	<0.02	mg/L	0.3*	FR, 45 (126)	8/24/2021 / 1415 / CRS

NOTES:

- 1 *SMCL = Secondary Maximum Contaminant Level
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 4 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 5 ND:None Detected
- 6 Sample collected by client, analyzed as received
- 7 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B20003289

Date Reported: 8/24/2021

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 147031 Account #: 1933
Reference: Linden Grove Lot 19 Client: Fogle's Well Pump & Treatment
Location: 15620 Linden Grove Lane Requested By: Dave Fogle
Woodbine, MD 21797 Source: Well Water
Date/ Time Collected: 9/7/2021 0835 Site: Pressure Tank
Date/Time Rec'd: 9/7/2021 1107 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.4
Collected By: D. Fogle 0037DF Well #: HO-17-0353

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/8/2021 / 0800 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/8/2021 / 0800 / CRS

NOTES:

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 Sample collected by client, analyzed as received
- 4 ND:None Detected
- 5 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 6 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B20003289

Date Reported: 9/8/2021

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 147029 Account #: 1933
Reference: Linden Grove Lot 19 Client: Fogle's Well Pump & Treatment
Location: 15620 Linden Grove Lane Requested By: Dave Fogle
Woodbine, MD 21797 Source: Well Water
Date/ Time Collected: 9/7/2021 0835 Site: Kitchen Sink
Date/Time Rec'd: 9/7/2021 1107 Treatment: ~~None~~
Chlorine ppm: Free: ND Total: ND pH: 5.8
Collected By: D. Fogle 0037DF Well #: HO-17-0353

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/8/2021 / 0800 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/8/2021 / 0800 / CRS

NOTES:

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 Sample collected by client, analyzed as received
- 4 ND:None Detected
- 5 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 6 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B20003289

Date Reported: 9/8/2021

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 147030 Account #: 1933
Reference: Linden Grove Lot 19 Client: Fogle's Well Pump & Treatment
Location: 15620 Linden Grove Lane Requested By: Dave Fogle
Woodbine, MD 21797 Source: Well Water
Date/ Time Collected: 9/7/2021 0835 Site: Powder Room
Date/Time Rec'd: 9/7/2021 1107 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.3
Collected By: D. Fogle 0037DF Well #: HO-17-0353

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/8/2021 / 0800 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/8/2021 / 0800 / CRS

NOTES:

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 Sample collected by client, analyzed as received
- 4 ND:None Detected
- 5 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 6 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy
Building Permit # : B20003289

Date Reported: 9/8/2021

Wolf, Kevin

From: Wolf, Kevin
Sent: Saturday, January 12, 2019 3:31 PM
To: Mike Isom; Martin, Sharhonda; Cabahug, Joseph; Collins, Sarah
Subject: Re: Saturday 1/12

Mike,

I am sorry I was out sick Friday. I am just seeing this email and I know you are aware that we do not allow drilling activities on weekends other than those jobs in particular cases already discussed with the Health Department prior or in emergency "out of water" cases.

Kevin

----- Original message -----

From: Mike Isom <misom@mbwd.us>
Date: 1/11/19 5:23 PM (GMT-05:00)
To: "Martin, Sharhonda" <smmartin@howardcountymd.gov>, "Wolf, Kevin" <KWolf@howardcountymd.gov>, "Cabahug, Joseph" <jcabahug@howardcountymd.gov>, "Collins, Sarah" <SCollins@howardcountymd.gov>
Subject: Saturday 1/12

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

We will be yield testing lots 18, 19 & 22 at Linden Grove tomorrow. Should be on site by 9:30

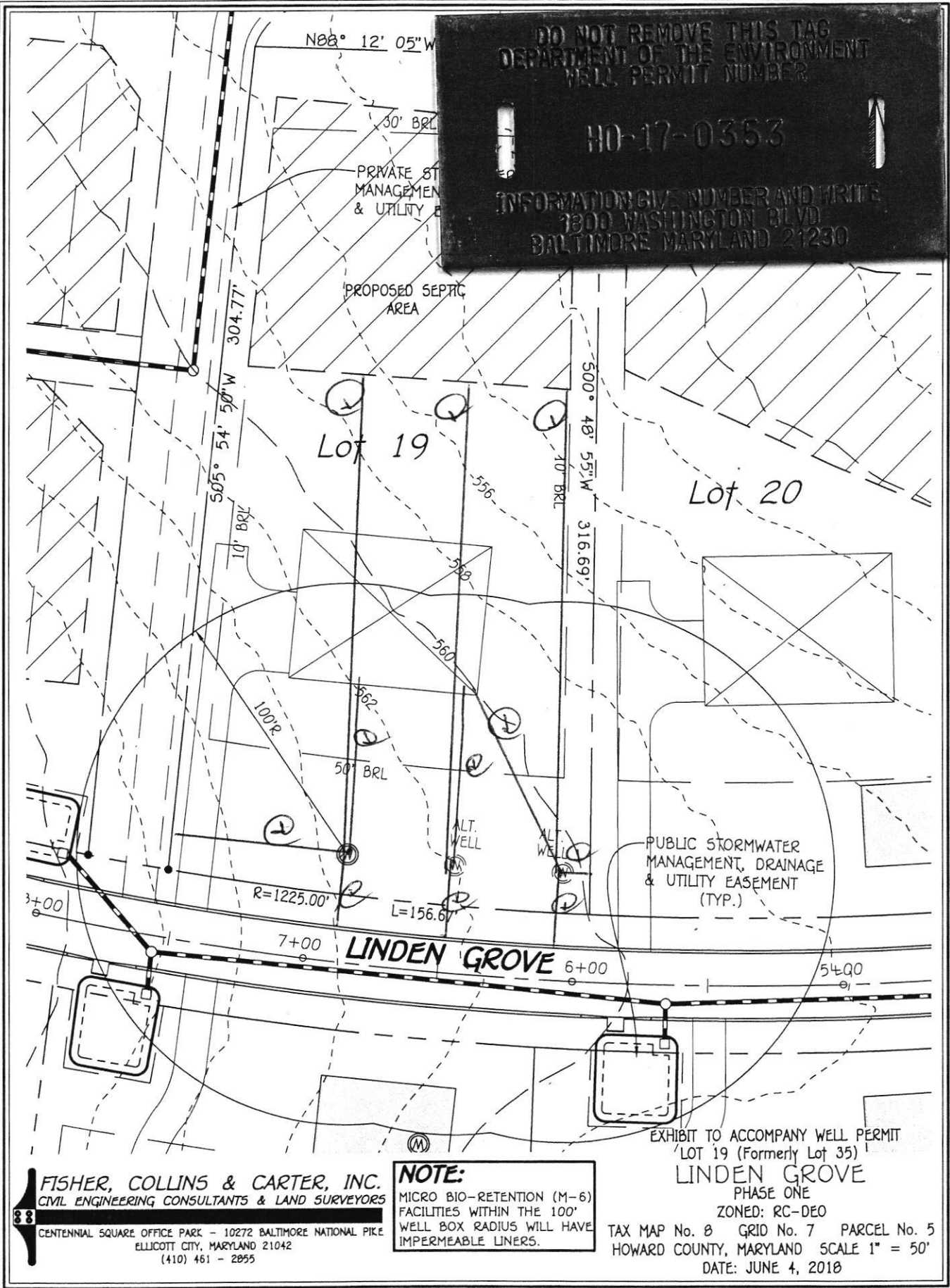
Given the weather forecast, we will not be yield testing at the Hyman Property on Monday. I will update you on that schedule Monday.

--

Sincerely,

Michael Isom
Project Manager
Michael Barlow Well Drilling Service
Phone: (410) 838-6910
Fax: (410) 838-3582
522 Underwood Lane
Bel Air, MD 21014
www.michaelbarlowwelldrilling.com
www.thermalloopcorp.com
[Click HERE to like us on Facebook!](#)

DO NOT REMOVE THIS TAG
 DEPARTMENT OF THE ENVIRONMENT
 WELL PERMIT NUMBER
HO-17-0353
 INFORMATION: GIVE NUMBER AND WRITE
 1300 WASHINGTON BLVD
 BALTIMORE MARYLAND 21230



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

NOTE:
 MICRO BIO-RETENTION (M-6)
 FACILITIES WITHIN THE 100'
 WELL BOX RADIUS WILL HAVE
 IMPERMEABLE LINERS.

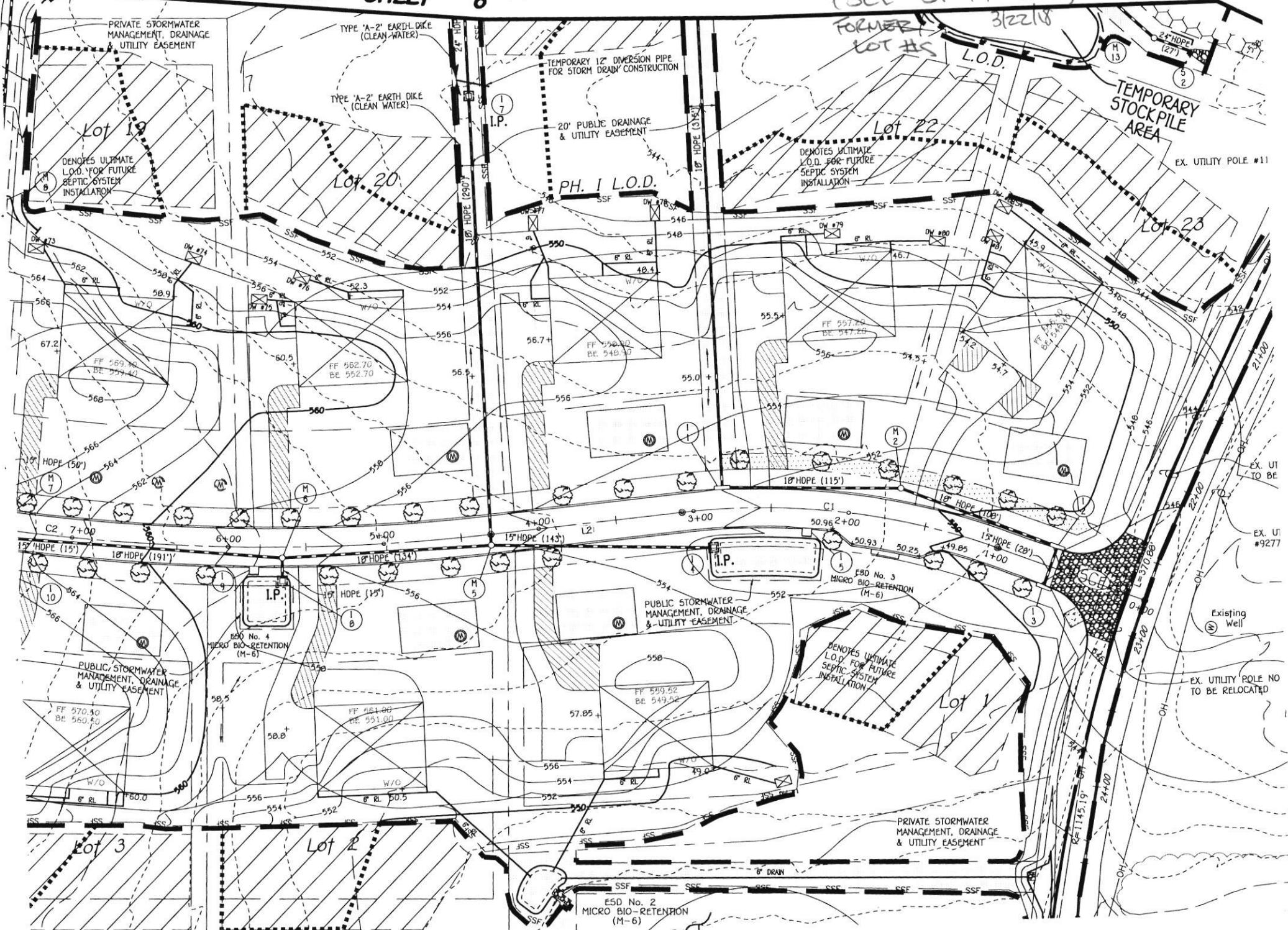
EXHIBIT TO ACCOMPANY WELL PERMIT
 LOT 19 (Formerly Lot 35)
LINDEN GROVE
 PHASE ONE
 ZONED: RC-DEO
 TAX MAP No. 8 GRID No. 7 PARCEL No. 5
 HOWARD COUNTY, MARYLAND SCALE 1" = 50'
 DATE: JUNE 4, 2018

LOT 19 LINDEN GROVE
 APPROVED 7/26/2018 @ 10:00 AM VIA SP-17-003 (3/22/2018)
 STAKED BY FCC F-18-092 Accessed 7/26/2018

LINE SEE SHEET 6

F-18-092 MOST CURRENT LOT #S
ACCESSED 7/26/18

(SEE SP 17-003)



FORMER LOT #S 312218

TEMPORARY STOCK PILE AREA

PH. I L.O.D.

DENOTES ULTIMATE L.O.D. FOR FUTURE SEPTIC SYSTEM INSTALLATION

Lot 19

Lot 20

Lot 22

Lot 23

I.P.

I.P.

Lot 1

Lot 3

Lot 2

ESD No. 2 MICRO BIO-RETENTION (M-6)

ESD No. 4 MICRO BIO-RETENTION (M-6)

DENOTES ULTIMATE L.O.D. FOR FUTURE SEPTIC SYSTEM INSTALLATION

PUBLIC STORMWATER MANAGEMENT, DRAINAGE & UTILITY EASEMENT

PUBLIC STORMWATER MANAGEMENT, DRAINAGE & UTILITY EASEMENT

PRIVATE STORMWATER MANAGEMENT, DRAINAGE & UTILITY EASEMENT

PRIVATE STORMWATER MANAGEMENT, DRAINAGE & UTILITY EASEMENT

TYPE 'A'-2' EARTH DIKE (CLEAN WATER)

TYPE 'A'-2' EARTH DIKE (CLEAN WATER)

TEMPORARY 12" DIVERSION PIPE FOR STORM DRAIN CONSTRUCTION

20' PUBLIC DRAINAGE & UTILITY EASEMENT

TEMPORARY STOCK PILE AREA

EX. UTILITY POLE #11

EX. UT TO BE

EX. UT #9277

Existing Well

EX. UTILITY POLE NO TO BE RELOCATED

24" HOPE (27)

M 13

5 2

M 13

M 13

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