



B 1 63180

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

HO-18-0056 fill in this form completely

OWNER INFORMATION: Date Received (APA) 05/17/19, Elm Street Development, 1355 Beverly Road, McLean VA 22101

LOCATION OF WELL: Howard County, Simpson Property, Section 44-46, Lot 48-50, Nearest Town: Dayton

DRILLER INFORMATION: Michael Barbaw, MWD 355, Barbaw Well Drilling, 522 Underwood Lane 2014, Signature: [Signature], Date: 3-12-19

SOURCES OF DRILLING WATER: 1. Well

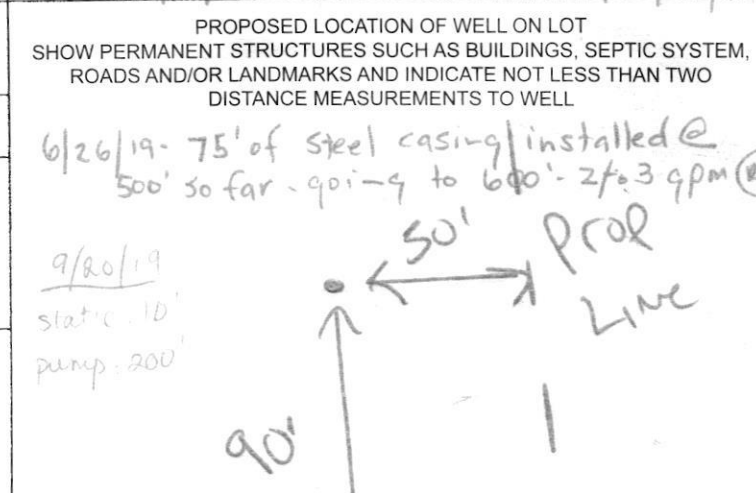
Green Bridge Road, 1500, DISTANCE FROM ROAD, ENTER FT OR MI, TAX MAP: 27, BLK: 18, PARCEL: 36

WELL INFORMATION: APPROX. PUMPING RATE (GAL. PER MIN.) 5, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: Howard County, State Signature, DATE ISSUED 4/25/19, CO SIGNATURE, EXP. DATE 4/25/20

USE FOR WATER (CIRCLE APPROPRIATE BOX): [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

APPROXIMATE DEPTH OF WELL 300 FEET, APPROXIMATE DIAMETER OF WELL 6 INCH



METHOD OF DRILLING (circle one): JETTED, AIR-PERCussion, ROTARY (Hydraulic Rotary)

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX): [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL

Not to be filled in by driller (MDE OR COUNTY USE ONLY): APPROP. PERMIT NUMBER HO-2017G-001, PERMIT No. HO-18-0056

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.

SEE ATTACHED MEMO.



**B 1** SEQUENCE NO. (MDE USE ONLY) 63180 STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL STATE PERMIT NUMBER HO-18-0056

1 2 3 6 2019-03-19 please type 2019-03-19 fill in this form completely 70 79

**OWNER INFORMATION**

Date Received (APA) 03/19/19

8 MM DD YY 13

Elm Street Development

15 Last Name Owner First Name 34

1355 Beverly Road

36 Street or RFD 55

McLean VA 22101

57 Town 70 State 72 Zip 76

**B 3** LOCATION OF WELL

Howard

8 COUNTY 21

Simpson Property

23 SUBDIVISION 42

SECTION 44 46 LOT 39 48 50

Dorton

52 NEAREST TOWN 71

**DRILLER INFORMATION**

Michael Barba M W D 355

Driller's Name 76 License No. 81

Barba Well Drilling

Firm Name

522 Underwood Lane 2014

Address

[Signature] 3-2-19

Signature Date

**B 4** SOURCES OF DRILLING WATER

Green Bridge Road

11 STREET ADDRESS 30

1. Well

2.

3.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH  WEST  EAST  SOUTH

34 1500 37

DISTANCE FROM ROAD Fr

ENTER FT OR MI 38 39

TAX MAP: 27 BLK: 18 PARCEL 36

**B 2** WELL INFORMATION

APPROX. PUMPING RATE 5

(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED 750

(GAL. PER DAY) 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

Howard (13)

COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S → 41

DATE ISSUED 4/25/19 SA [Signature] 4/25/20

43 MM DD YY 48 CO SIGNATURE EXP. DATE

DOB: 6/26/19 DOB: [unclear] DOB: 9/20/19

APPROXIMATE DEPTH OF WELL 300 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

**METHOD OF DRILLING (circle one)**

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVerse-ROTary DRive-POINT

other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEM 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)**

APPROP. PERMIT NUMBER H0-2017G-001

PERMIT No. H0-18-0056

70 71 72 73 74 75 76 77 78 79

**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

6/26/19 - 75' of steel casing installed @ 500' so far - goi-g to 600' - 2/3 gpm

9/20/19 static 10' pump 200'

50' PROPR LINE

90'

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.

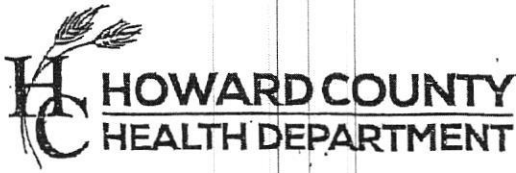


**MICHAEL BARLOW WELL DRILLING & SERVICE, INC.**  
 522 Underwood Lane Bel Air, Maryland 21014  
 (410) 838-6910 Fax (410) 838-3582

**WELL YIELD REPORT**

Date Test Completed:	September 20, 2019		
Well Depth:	600	feet	
Customer	Elm Street Development	Permit #	HO-16-0056
Road	Green Bridge Road	Subdivision	Simpson Property
City	Dayton	Section	
State	Maryland	Lot #	39

Time	Water Level feet <b>Pump set at 200'</b>	Time to Fill 1-gallon bucket seconds	G.P.M.
10:15 AM	12	4	15.00
10:30 AM	140	6	10.00
10:45 AM	184	20	3.00
11:00 AM	183	20	3.00
11:15 AM	181	20	3.00
11:30 AM	180	20	3.00
11:45 AM	177	20	3.00
12:00 PM	176	20	3.00
12:15 PM	173	20	3.00
12:30 PM	170	20	3.00
12:45 PM	168	20	3.00
1:00 PM	167	20	3.00
1:15 PM	165	20	3.00
1:30 PM	165	20	3.00
1:45 PM	164	20	3.00
2:00 PM	162	20	3.00
2:15 PM	160	20	3.00
2:30 PM	160	20	3.00
2:45 PM	160	20	3.00
3:00 PM	159	20	3.00
3:15 PM	159	20	3.00
3:30 PM	159	20	3.00
3:45 PM	158	20	3.00
4:00 PM	158	20	3.00
4:15 PM	158	20	3.00
4:30 PM	157	20	3.00
4:45 PM	156	20	3.00
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.			



Bureau of Environmental Health  
 8930 Stanford Blvd | Columbia, MD 21045  
 410.313.2640 - Voice/Relay  
 410.313.2648 - Fax  
 1.866.313.6300 - Toll Free

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: Fogles Well Pump & Water Treatment, LLC Telephone #: 410 795 1535  
 Address: JPO Box 63  
Woodbine MD 21797

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 #: MSD2216

\*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: Willow Creek Lot #: 59 Well Tag #: HO-116-0056 ✓  
 Site Address: 1033 Golf Place  
Rayton, MD 21056

Submersible Pump Data  
 Make: SUB10422  
 Model #: 3605  
 Pump Capacity: 5  
 Well Yield: 3

Pitless Adapter  
 Make: Amorell +  
 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: 600 (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 (180 psi min)  
 Depth of supply line: 30" (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: 7/15/2022

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

Date Insp. Requested: 7/15/22 Date Insp. Approved: 7/15/22 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 ✓

(Revised form 10/24/2018)

**INTERIM CERTIFICATE OF POTABILITY**  
Expiration Date – MARCH 26, 2023

September 26, 2022

Homeowner  
7033 Colt Place  
Dayton, MD 21036

**RE: Willowshire, Lot 39**  
**7033 Colt Place**  
**Building Permit: B22000654**  
**Well Permit: HO-16-0056**

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 **9/23/2022**. Final approval of the well line connection to the dwelling was granted on **7/15/2022**. The well construction was completed on **9/20/2019**. Water samples were collected on **9/12/2022**.

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-16-0056. 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>



Bureau of Environmental Health  
8930 Stanford Blvd | Columbia, MD 21045  
410.313.2640 - Voice/Relay  
410.313.2648 - Fax  
1.866.313.6300 - Toll Free

---

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 Environment's website which describes in further detail operation and maintenance of your septic system.

Approving Authority,

A handwritten signature in black ink, appearing to read 'Kevin M. Wolf', is written over a light blue horizontal line.

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

---

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

*MEMORANDUM*

**TO:** Michael Barlow (MWD 355)  
Barlow Well Drilling

**FROM:** Sarah Collins, L.E.H.S. *SEC*  
Howard County Health Department  
Well and Septic Program

**DATE:** April 25, 2019

**RE:** Well permits for lots 26-45 of the Simpson Property

---

Per the approved Water Appropriation and Use Permit from the State of Maryland, Department of the Environment, Water and Science Administration:

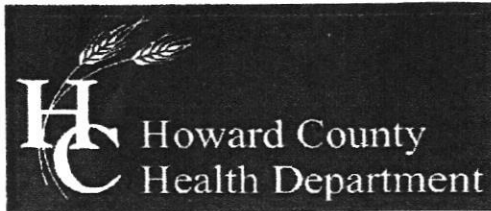
15. Well Spacing and Testing – The Permittee shall conduct simultaneous yield tests of wells closer than 100 feet apart, if at least one of the wells is on a lot less than one acre in size. The yield testing shall be conducted to ensure that the minimum yield requirements *COMAR 26.04.04.26* are met. In the event that a well that has been yield tested simultaneously with other wells does not meet minimum yield standards, the Permittee may relocate a well so as to achieve the 100-foot separation distance, deepen or otherwise modify the well to improve its yield or drill a second well to be used in tandem to meet minimum yield standards during simultaneous testing. All wells shall comply with well construction requirements.

The lots of the Simpson Property among lots 26-45 that are less than one acre in size include lots 28, 38, 39, 40, 41, 42, 43, and 44. Per the Water Appropriation and Use Permit, if a well on any of these lots is drilled within 100' of a well on another property, the two wells must be simultaneously yield tested. The well boxes on lots 42-44 are close the well boxes on lots 19-21 that Alexander's Well Drilling is drilling; coordinated yield testing between the two drilling companies may be required if the wells are within 100' of each other.

Sodium, chloride, and total dissolved solids (TDS) samples are required at yield for the wells on lots 26, 30, 31, 34, 35, 40, and 45.

Feel free to contact our office at 410-313-1771 with any questions.

Cc: Geoff Yeager, Elm Street Development ([gyeager@elmstreetdev.com](mailto:gyeager@elmstreetdev.com))  
File



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

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

TO ALL INTERESTED PARTIES

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

Well Site Location:

LOT #'S 1, 2, 3, 4, 7, 8, 9, 10, 11, 14, PARCEL C, 16,  
17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30,  
31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43,  
44, 45

SIMPSON / DENAULT  
 Subdivision/Property Name

Lot #

GREEN BRIDGE RD.  
 Road Name

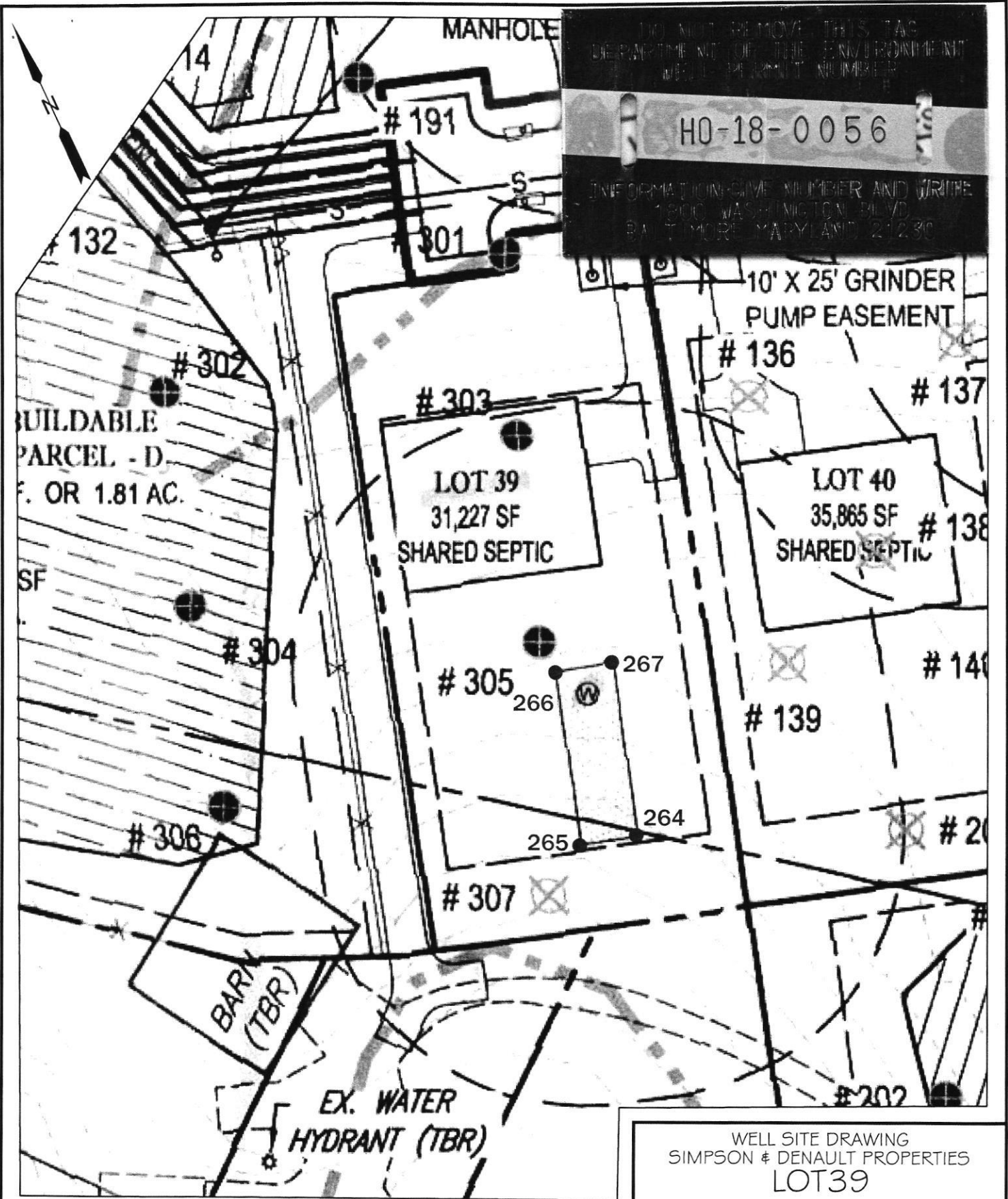
The well site has been staked by SHANABERGER & LANE  
 (professional land surveyor or company employing professional land surveyors)  
 on 1/9/19 (date) and does not require a site inspection.

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.

Revised 4/22/14

*Gregory Scott Shanaberger*



Well box approved  
4/25/19 SC

Well box staked by  
Shanaberger + Lane

SHANABERGER & LANE  
8726 TOWN AND COUNTRY BLVD., SUITE 201  
ELLCOTT CITY, MD. 21043  
(410)461-9563 FAX: (410)461-9693

WELL SITE DRAWING  
SIMPSON & DENAULT PROPERTIES  
LOT 39  
TAX MAP 27 GRID 18  
PARCELS 34, 36, 98, 111, & 112  
5TH ELECTION DIST.  
HOWARD COUNTY, MD.  
SCALE: 1"=50' DATE: 2/21/19

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

## REPORT OF ANALYSIS

Laboratory ID #: 154466 Account #: 1933  
Reference: Willow Creek 39 Client: Fogle's Well Pump & Treatment  
Location: 7033 Colt Place Requested By: Dave Fogle  
Dayton, MD 21036 Source: Well Water  
Date/ Time Collected: 9/12/2022 0755 Site: Kitchen Sink  
Date/Time Rec'd: 9/12/2022 1136 Treatment: None  
Chlorine ppm: Free: ND Total: ND pH: 7.7  
Collected By: J. Evans 0309JE Well #: HO-16-0056

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/13/2022 / 0830 / TSD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/13/2022 / 0830 / TSD
Nitrate.	<0.40	mg/L	10	EPA 300.0	9/12/2022 / 1704 / CRS
Turbidity	3.19	NTU	<10	SM2130B	9/13/2022 / 0930 / TSD
Sand	ND	mg/L	5	Visual/Gravimetric	9/13/2022 / 0915 / 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 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 pH and Chlorine level tested in lab (pH tested after recommended holding time)

Reason for Test : Use & Occupancy

Building Permit # : 22000654

Date Reported: 9/13/2022