



**B 1** SEQUENCE NO. (MDE USE ONLY) 67997 STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 507894-B please type STATE PERMIT NUMBER HO-20-0020  
fill in this form completely 79

**B 2** Date Received (APA) 07-20  
8 MM DD YY 13  
**OWNER INFORMATION**  
15 Last Name Heritage Owner First Name Land Development 34  
36 Street or RFD PO Box 482 55  
57 Town Lisbon Md 70 State 72 Zip 21765 76

**B 3** LOCATION OF WELL  
8 COUNTY Howard 21  
23 SUBDIVISION Linden Grove 42  
SECTION 44 46 LOT 26 50  
52 NEAREST TOWN Woodbine 71

**DRILLER INFORMATION**  
61 Driller's Name Michael Barion M W D 555 76 License No. 81  
62 Firm Name Barion Well Drilling  
63 Address 572 Underwood Ln, Bel Air, Md 21034  
64 Signature [Signature] 7-1-2020 Date

**B 4** SOURCES OF DRILLING WATER  
1. Well  
2.  
3.  
11 STREET ADDRESS Heritage Ridge Rd 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
34 40 37  
DISTANCE FROM ROAD ENTER FT OR MI 38 39  
TAX MAP: 8 BLK: 7 PARCEL 5

**B 2** WELL INFORMATION  
1 APPROX. PUMPING RATE 5 12 (GAL. PER MIN.)  
2 AVERAGE DAILY QUANTITY NEEDED 750 20 (GAL. PER DAY)

**USE FOR WATER** (CIRCLE APPROPRIATE BOX)  
22  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

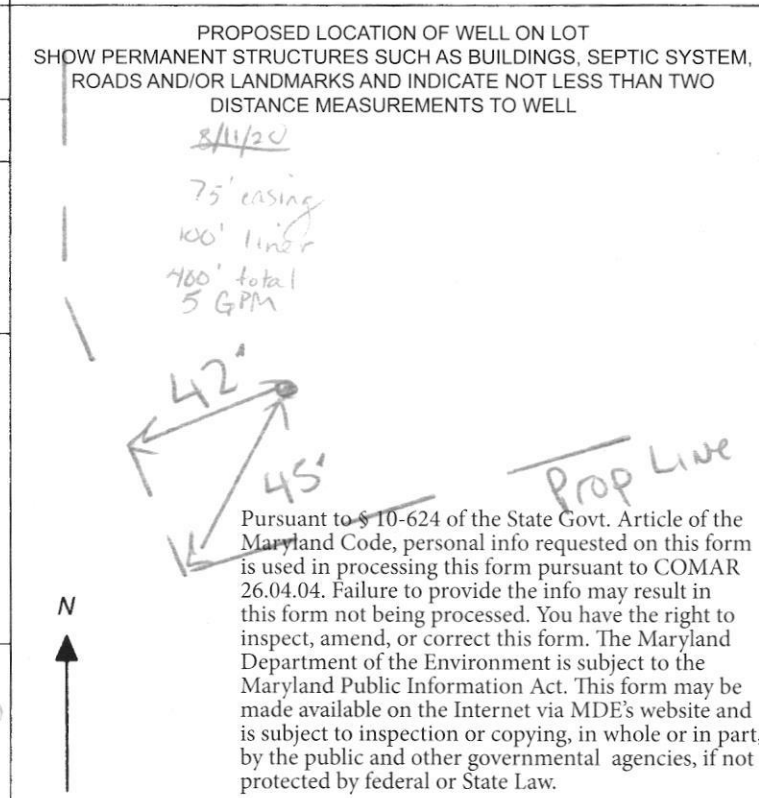
**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**  
Howard COUNTY NAME 13 COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT S →  
DATE ISSUED 07/21/20 41  
[Signature] CO SIGNATURE 07/21/21 EXP. DATE

APPROXIMATE DEPTH OF WELL 300 FEET 24 28  
APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

**METHOD OF DRILLING** (circle one)  
30 BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
37 CABLE REVerse-ROTary Drive-POINT  
other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS** (CIRCLE APPROPRIATE BOX)  
39  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 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)**  
APPROP. PERMIT NUMBER HO 20 0020  
PERMIT No. HO-20-0020  
70 71 72 73 74 75 76 77 78 79



**SPECIAL CONDITIONS**  
NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED Na, Cl, TDS samples required



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: PO Box 63  
Woodbine, MO 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#: 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 #: 26 Well Tag #: HO-20-0070  
Site Address: 1425 Heritage Ridge Rd  
Woodbine, MO 21797

07/26/2022

Submersible Pump Data  
Make: Grundfos  
Model #: 155A10-220  
Pump Capacity: 15  
Well Yield: 10

Pitless Adapter  
Make: Campbell+  
Model#: NH  
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: 400 (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

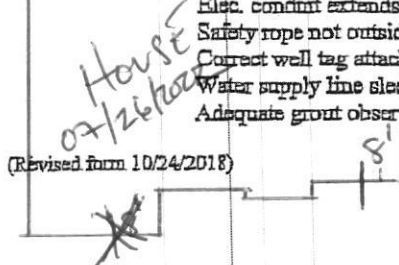
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 7/25/2022

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

Date Insp. Requested: 07/26/2022 Date Insp. Approved: 07/26/2022 Inspector: \_\_\_\_\_  
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

40" 07/26/2022 [Signature]  
31" 07/26/2022 [Signature]  
20" 07/26/2022 [Signature]



(Revised form 10/24/2018)

**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – APRIL 4, 2023**

October 4, 2022

Homeowner  
1425 Heritage Ridge Road  
Woodbine, MD 21797

**RE: Linden Grove, Lot 26  
1425 Heritage Ridge Rd  
Building Permit: B22000411  
Well Permit: HO-20-0020**

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 **8/18/2022**. Final approval of the well line connection to the dwelling was granted on **7/26/2022**. The well construction was completed on **9/11/2020**. Water samples were collected on **9/23/2022**.

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-20-0020. 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>

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**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 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



Howard County  
Health Department

7178 Columbia Gateway Dr., Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

TO ALL INTERESTED PARTIES

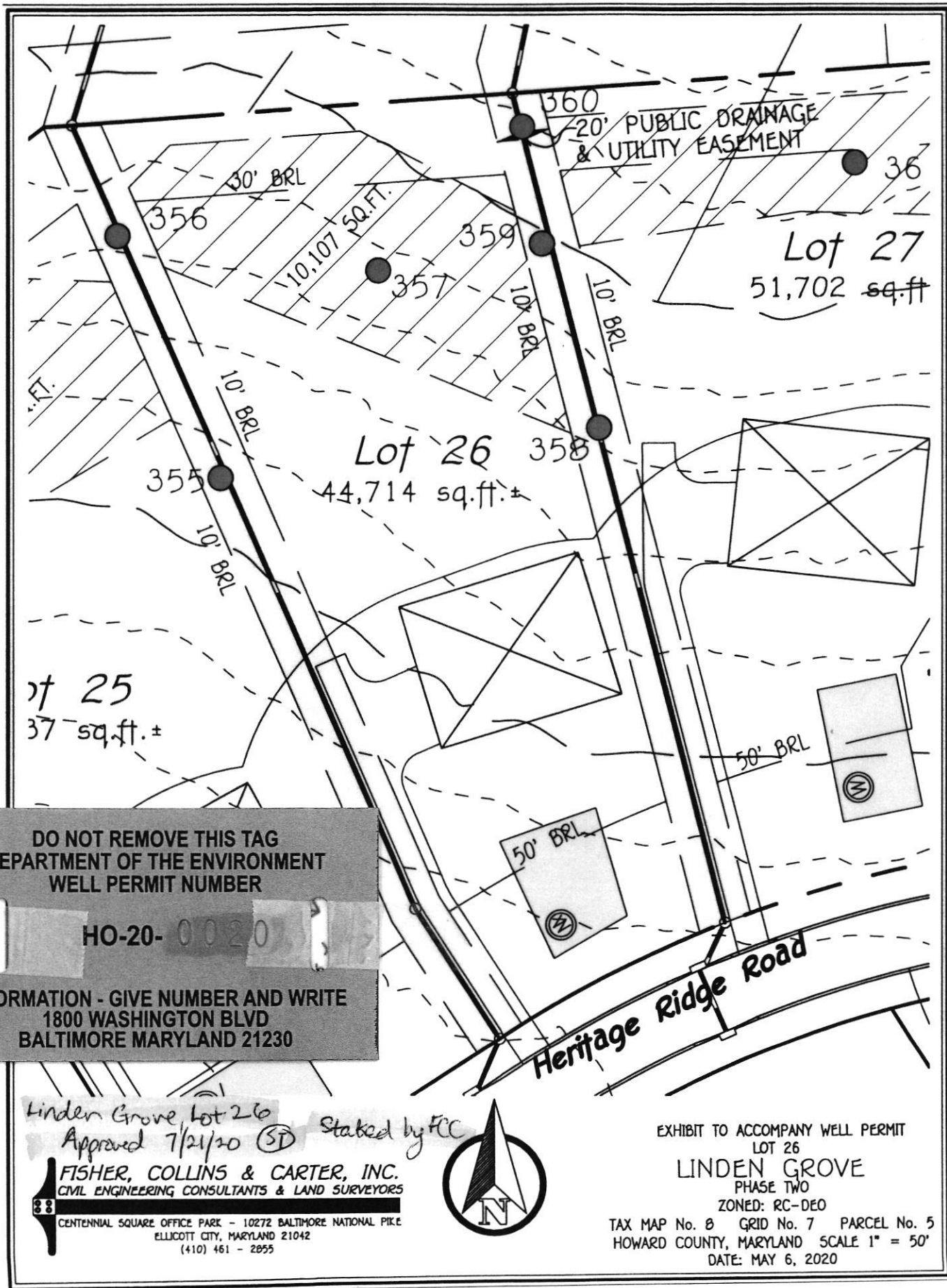
When submitting a well application for a proposed well for new construction, please indicate one of the following:

Well Site Location:

<u>Linden Grove</u>	<u>26</u>	<u>Heritage Ridge Rd.</u>
<b>Subdivision/Property Name</b>	<b>Lot #</b>	<b>Road Name</b>

- The well site has been staked by Fisher, Collins & Carter,  
(professional land surveyor or company employing professional land surveyors)  
on 06/16/20 (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.



**DO NOT REMOVE THIS TAG**  
**DEPARTMENT OF THE ENVIRONMENT**  
**WELL PERMIT NUMBER**

**HO-20- 0020**

**INFORMATION - GIVE NUMBER AND WRITE**  
**1800 WASHINGTON BLVD**  
**BALTIMORE MARYLAND 21230**

Linden Grove, Lot 26  
 Approved 7/21/20 (SD) Staked by FCC

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

33 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461 - 2855



EXHIBIT TO ACCOMPANY WELL PERMIT  
 LOT 26  
**LINDEN GROVE**  
 PHASE TWO  
 ZONED: RC-DEO  
 TAX MAP No. 8 GRID No. 7 PARCEL No. 5  
 HOWARD COUNTY, MARYLAND SCALE 1" = 50'  
 DATE: MAY 6, 2020

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

## REPORT OF ANALYSIS

Laboratory ID #: 154756 Account #: 1933  
Reference: Linden Grove 26 Client: Fogle's Well Pump & Treatment  
Location: 1425 Heritage Ridge Road Requested By: Dave Fogle  
Woodbine, MD 21797 Source: Well Water  
Date/ Time Collected: 9/23/2022 0740 Site: Restroom Sink  
Date/Time Rec'd: 9/23/2022 1335 Treatment: None  
Chlorine ppm: Free: ND Total: ND pH: 6.5  
Collected By: J. Evans 0309JE Well #: HO-20-0020

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/24/2022 / 0900 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/24/2022 / 0900 / CRS
Nitrate.	5.03	mg/L	10	EPA 300.0	9/23/2022 / 1938 / CRS
Turbidity	0.61	NTU	<10	SM2130B	9/23/2022 / 1630 / MEW
Sand	ND	mg/L	5	Visual/Gravimetric	9/23/2022 / 1740 / CRS

### 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 Sample collected by client, analyzed as received
- 6 ND:None Detected
- 7 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 8 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B22000411

Date Reported: 9/26/2022

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

**MEMORANDUM**

**TO:** M. Barlow Well Drilling  
522 Underwood Lane  
Bel Air, MD 21014

**FROM:** Susan Thomas  
Environmental Health Specialist  
Howard County Health Department  
Well & Septic Program

**RE:** Linden Grove Lots 24-37 & 39  
Special Conditions for wells

**DATE:** July 21, 2020

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**The following comments apply to the above referenced Well Permit Applications. Please read through and complete as needed.**

- A. The wells for the Linden Grove subdivision lots 24 thru 37 & 39 were staked with only one selected well site per the approved percolation certification plan signed 09/11/2018. If the well driller cannot confirm a successful well on this one well site, they will need to have the surveyor come back out and stake out the entire well box/alt well sites. This will need to be verified through the Health Department.**
- B. Lots 26, 30 & 36 will require samples for Sodium, Chloride and TDS to be collected at the time of the Yield Test.**