

<b>C1</b> 42318		SEQUENCE NO. (MDE USE ONLY)		<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)						COUNTY NUMBER	
ST/CO USE ONLY DATE Received MM <u>07</u> DD <u>20</u> YY <u>16</u>		DATE WELL COMPLETED MM <u>3</u> DD <u>25</u> YY <u>16</u>		Depth of Well 22 <u>500</u> 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>HD-15-0161</u>	
OWNER <u>Williamsburg Homes</u>		WELL SITE ADDRESS <u>Time Ln Rd</u>		TOWN <u>Fulton</u>		LOT <u>5</u>	
SUBDIVISION <u>Westland Farm Estates</u>		SECTION		LOT			
<b>WELL LOG</b> Not required for driven wells		<b>GROUTING RECORD</b>		<b>C3</b>		<b>PUMPING TEST</b>	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		WELL HAS BEEN GROUTED (Circle Appropriate Box) <b>Y</b> <b>N</b>		1 2		HOURS PUMPED (nearest hour) <u>3</u>	
DESCRIPTION (Use additional sheets if needed)		TYPE OF GROUTING MATERIAL (Circle one) CEMENT <b>CM</b> BENTONITE CLAY <b>BC</b>		PUMPING RATE (gal. per min.) <u>8.5</u>		METHOD USED TO MEASURE PUMPING RATE <u>log</u>	
FEET FROM TO		NO. OF BAGS <u>30</u> NO. OF POUNDS <u>2820</u>		WATER LEVEL (distance from land surface)		BEFORE PUMPING <u>61</u> ft.	
check if water bearing		GALLONS OF WATER <u>180</u>		WHEN PUMPING <u>64</u> ft.		TYPE OF PUMP USED (for test)	
Light Brown 0 70		DEPTH OF GROUT SEAL (to nearest foot)		A air P piston T turbine		C centrifugal R rotary O other (describe below)	
to Dark Brown 70 210		from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)		J jet S submersible		PUMP INSTALLED	
Gray mica 210 211 ✓		Casing types insert appropriate code below		DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES <b>N</b>		IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.	
White 211 211 ✓		MAIN CASING TYPE		TYPE OF PUMP INSTALLED		PLACE (A,C,J,P,R,S,T,O) IN BOX 29.	
Gray mica 211 460		Nominal diameter top (main) casing (nearest inch) <u>6</u>		CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35		PUMP HORSE POWER 37 41	
White 460 461 ✓		Total depth of main casing (nearest foot) <u>91</u>		PUMP COLUMN LENGTH (nearest ft.) 43 47		CASING HEIGHT (circle appropriate box and enter casing height)	
Gray mica 461 500		OTHER CASING (if used)		LAND SURFACE <u>02</u> (nearest foot)		LATITUDE <u>39.1506310</u>	
NUMBER OF UNSUCCESSFUL WELLS: <u>0</u>		EACH CASING		LONGITUDE <u>76.9519958</u>		(DEFAULT COORD. WGS 84)	
WELL HYDROFRACTURED <b>Y</b> <b>N</b>		SCREEN RECORD		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.			
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL		screen type or open hole (insert appropriate code below)					
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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.		ST STEEL BR BRASS HO OPEN HOLE PL PLASTIC OT OTHER					
DRILLERS LIC. NO. <u>M 3D 009</u>		DEPTH (nearest ft.) <u>91</u> <u>500</u>					
DRILLERS SIGNATURE <u>[Signature]</u>		EACH CASING					
(MUST MATCH SIGNATURE ON APPLICATION)		SLOT SIZE 1 2 3					
LIC. NO. <u>D</u>		DIAMETER OF SCREEN (NEAREST INCH)					
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		from to					
		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					
		70 72 74 75 76					
		TELESCOPE CASING LOG INDICATOR OTHER DATA					

<b>B 1</b> <span style="font-size: 24pt; font-weight: bold;">38227</span> <small>1 2 3 6</small>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type	STATE PERMIT NUMBER <span style="font-size: 24pt; font-weight: bold;">H0-15-0161</span> <small>70 fill in this form completely 79</small>
Date Received (APA) <span style="font-size: 24pt; font-weight: bold;">12 15 15</span> <small>8 MM DD YY 13</small> <b>OWNER INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div>             15 Last Name  <span style="font-size: 24pt; font-weight: bold;">Williamsburg Homes</span> </div> <div>             Owner  <span style="font-size: 24pt; font-weight: bold;">5485 Harpers Farm</span> </div> <div>             First Name  <span style="font-size: 24pt; font-weight: bold;">Columbia, Md 21044</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             36 Street or RFD  <span style="font-size: 24pt; font-weight: bold;">Columbia, Md 21044</span> </div> <div>             55  <span style="font-size: 24pt; font-weight: bold;">Columbia, Md 21044</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             57 Town  <span style="font-size: 24pt; font-weight: bold;">Columbia, Md 21044</span> </div> <div>             70 State  <span style="font-size: 24pt; font-weight: bold;">Md</span> </div> <div>             72 Zip  <span style="font-size: 24pt; font-weight: bold;">21044</span> </div> <div>             76  <span style="font-size: 24pt; font-weight: bold;">Columbia, Md 21044</span> </div> </div>		<b>B 3</b> <b>LOCATION OF WELL</b> <div style="display: flex; justify-content: space-between;"> <div>             8 COUNTY  <span style="font-size: 24pt; font-weight: bold;">Howard</span> </div> <div>             21  <span style="font-size: 24pt; font-weight: bold;">Westland Farm Estates</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             23 SUBDIVISION  <span style="font-size: 24pt; font-weight: bold;">Westland Farm Estates</span> </div> <div>             42  <span style="font-size: 24pt; font-weight: bold;">Westland Farm Estates</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             SECTION  <span style="font-size: 24pt; font-weight: bold;">44 46</span> </div> <div>             LOT  <span style="font-size: 24pt; font-weight: bold;">5</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             52 NEAREST TOWN  <span style="font-size: 24pt; font-weight: bold;">Fulton</span> </div> <div>             71  <span style="font-size: 24pt; font-weight: bold;">Fulton</span> </div> </div>	
<b>DRILLER INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div>             Driller's Name  <span style="font-size: 24pt; font-weight: bold;">Allen Compton</span> </div> <div>             M S D  <span style="font-size: 24pt; font-weight: bold;">009</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             Firm Name  <span style="font-size: 24pt; font-weight: bold;">Fogles Well Drilling, LLC</span> </div> <div>             81  <span style="font-size: 24pt; font-weight: bold;">Fogles Well Drilling, LLC</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             Address  <span style="font-size: 24pt; font-weight: bold;">P.O. Box 202 Woodbine, Md. 21797</span> </div> <div>             Date  <span style="font-size: 24pt; font-weight: bold;">9-23-15</span> </div> </div>		<b>B 4</b> <b>SOURCES OF DRILLING WATER</b> <div style="display: flex; justify-content: space-between;"> <div>             1.  <span style="font-size: 24pt; font-weight: bold;">Lime Kiln Rd</span> </div> <div>             30  <span style="font-size: 24pt; font-weight: bold;">Lime Kiln Rd</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             2.  <span style="font-size: 24pt; font-weight: bold;">Lime Kiln Rd</span> </div> <div>             37  <span style="font-size: 24pt; font-weight: bold;">Lime Kiln Rd</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             3.  <span style="font-size: 24pt; font-weight: bold;">Lime Kiln Rd</span> </div> <div>             38  <span style="font-size: 24pt; font-weight: bold;">Lime Kiln Rd</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">N</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">W</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">E</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">S</div> </div> </div> <div>             34  <span style="font-size: 24pt; font-weight: bold;">400</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             DISTANCE FROM ROAD  <span style="font-size: 24pt; font-weight: bold;">400</span> </div> <div>             ENTER FT OR MI  <span style="font-size: 24pt; font-weight: bold;">FT</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             TAX MAP:  <span style="font-size: 24pt; font-weight: bold;">45</span> </div> <div>             BLK:  <span style="font-size: 24pt; font-weight: bold;">5</span> </div> <div>             PARCEL  <span style="font-size: 24pt; font-weight: bold;">28</span> </div> </div>	
<b>B 2</b> <b>WELL INFORMATION</b> <div style="display: flex; justify-content: space-between;"> <div>             1  <span style="font-size: 24pt; font-weight: bold;">5</span> </div> <div>             12  <span style="font-size: 24pt; font-weight: bold;">5</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             APPROX. PUMPING RATE (GAL. PER MIN.)  <span style="font-size: 24pt; font-weight: bold;">5</span> </div> <div>             8  <span style="font-size: 24pt; font-weight: bold;">500</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)  <span style="font-size: 24pt; font-weight: bold;">500</span> </div> <div>             14  <span style="font-size: 24pt; font-weight: bold;">500</span> </div> </div>		<b>USE FOR WATER</b> (CIRCLE APPROPRIATE BOX) <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY &amp; RESIDENTIAL IRRIGATION         </div> <div> <input type="checkbox"/> FARMING (LIVESTOCK WATERING &amp; AGRICULTURAL IRRIGATION)         </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING         </div> <div> <input type="checkbox"/> PUBLIC WATER SUPPLY WELL         </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> TEST, OBSERVATION, MONITORING         </div> <div> <input type="checkbox"/> OPEN LOOP GEOTHERMAL         </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> CLOSED LOOP GEOTHERMAL         </div> </div>	
<b>APPROXIMATE DEPTH OF WELL</b> <span style="font-size: 24pt; font-weight: bold;">300</span> FEET <small>24 28</small> <b>APPROXIMATE DIAMETER OF WELL</b> <span style="font-size: 24pt; font-weight: bold;">6</span> INCH <small>NEAREST INCH</small>		<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> <div style="display: flex; justify-content: space-between;"> <div>             COUNTY NAME  <span style="font-size: 24pt; font-weight: bold;">Howard</span> </div> <div>             COUNTY NO.  <span style="font-size: 24pt; font-weight: bold;">13</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             STATE SIGNATURE  <span style="font-size: 24pt; font-weight: bold;">[Signature]</span> </div> <div>             INSERT S  <span style="font-size: 24pt; font-weight: bold;">[Signature]</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             DATE ISSUED  <span style="font-size: 24pt; font-weight: bold;">12/30/15</span> </div> <div>             CO SIGNATURE  <span style="font-size: 24pt; font-weight: bold;">[Signature]</span> </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             43 MM DD YY  <span style="font-size: 24pt; font-weight: bold;">12/30/15</span> </div> <div>             EXP. DATE  <span style="font-size: 24pt; font-weight: bold;">12/30/16</span> </div> </div>	
<b>METHOD OF DRILLING</b> (circle one) <div style="display: flex; justify-content: space-between;"> <div>             BORED (or Augered)  <input checked="" type="checkbox"/> AIR-ROTARY         </div> <div>             JETTED  <input type="checkbox"/> AIR-PERCussion         </div> <div>             Jetted &amp; DRIVEN  <input type="checkbox"/> ROTARY (Hydraulic Rotary)         </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             37 CABLE  <input type="checkbox"/> REVERSE-ROTARY         </div> <div>             DRIVE-POINT  <input type="checkbox"/> </div> </div>		<b>REPLACEMENT OR DEEPEENED WELLS</b> (CIRCLE APPROPRIATE BOX) <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL         </div> <div> <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED         </div> </div> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS         </div> <div> <input type="checkbox"/> THIS WELL WILL DEEPEEN AN EXISTING WELL         </div> </div> <div style="display: flex; justify-content: space-between;"> <div>             PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE)              41         </div> <div>             52         </div> </div>	
<b>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</b> <div style="display: flex; justify-content: space-between;"> <div>             APPROP. PERMIT NUMBER  <span style="font-size: 24pt; font-weight: bold;">G</span> </div> <div>             PERMIT No.  <span style="font-size: 24pt; font-weight: bold;">H0-15-0161</span> </div> </div>		<b>PROPOSED LOCATION OF WELL ON LOT</b> SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL <div style="text-align: center;"> </div>	
<b>SPECIAL CONDITIONS</b> <small>NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>			

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: Eagle Well Pump & Water Treatment Telephone #: 410 795 5670  
Address: 580 Oberlin Rd  
Sixesville, 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# MSD 726

\*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: Williamsburg Group Telephone #: \_\_\_\_\_  
Subdivision: Westland Farm 3 Lot #: 5 Well Tag #: HO-15-0161  
Site Address: 12526 Westland Ct  
Fulton, MD 20759

### Submersible Pump Data

Make: Grundfos

Model #: ISSGE15-290

Pump Capacity: 15

Well Yield: 8.5

Depth of well encountered at time of pump installation: 500 (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

### 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

### 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): 16'

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]

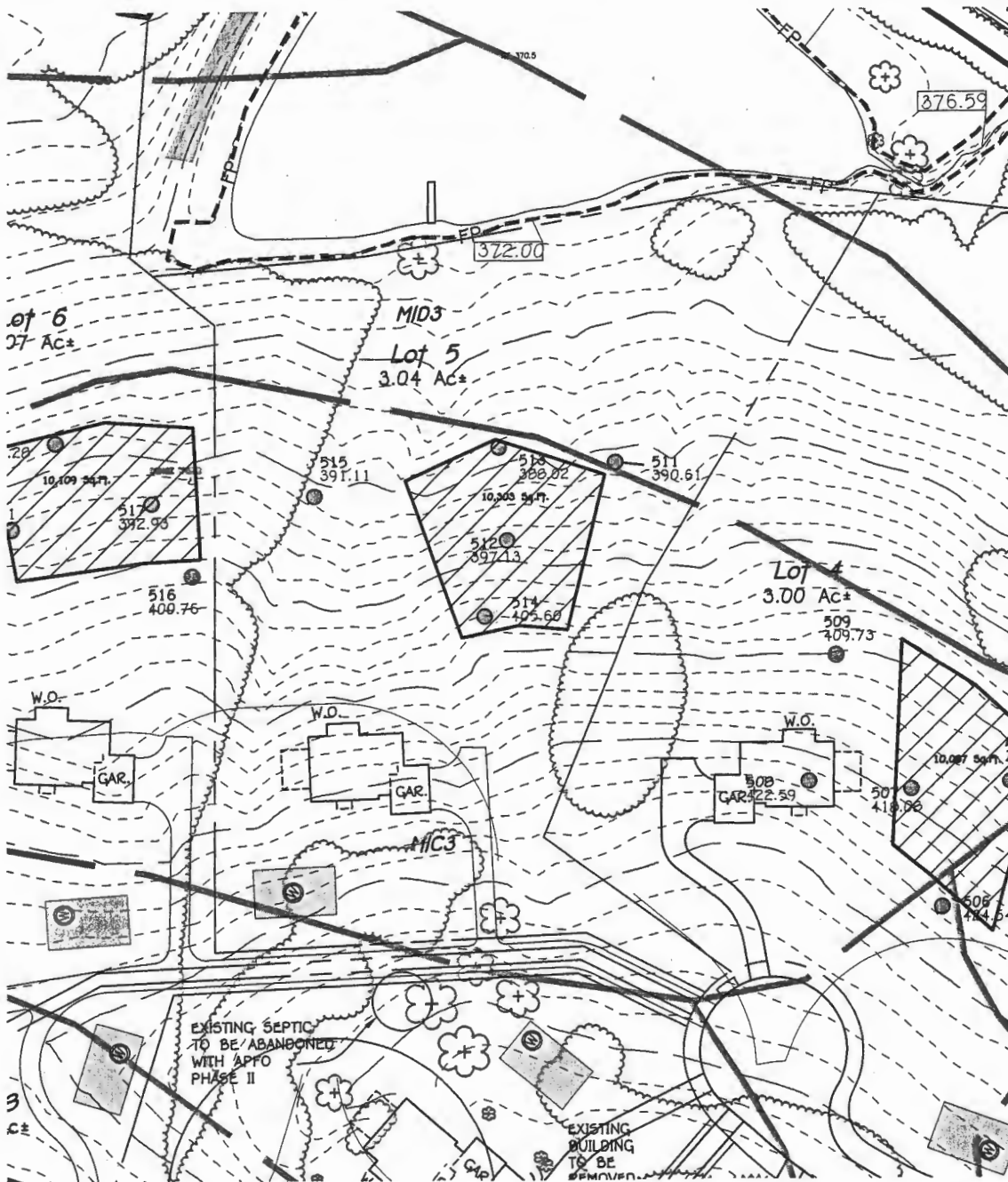
date: 7/15/2020

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

Date Insp. Requested: 7/16/20 Date Insp. Approved: 7/16/20 Inspector: RR

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)



10/14/15  
Well Box Approved.  
Staked by FCC.  
(KMD)

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS  
CENTENNIAL SQUARE OFFICE PARK -  
ELLCOTT CITY, MD  
(410) 461 -

**LOT 5**  
**WESTLAND FARM ESTATES**  
APFO DEVELOPMENT PHASE 2  
LOTS 2 THRU 14

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

**H0-15-0161**

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

PARCEL: 28  
HOWARD COUNTY, MARYLAND  
DATE: OCTOBER 8, 2015