

C1 26552

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY A520 385 NUMBER A520 448

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: BASSLER Venture LLC, WELL SITE ADDRESS: CATALPA CT, TOWN: CLARKSVILLE MD, SUBDIVISION: WALNUT Creek PHASE III, SECTION, LOT 96

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sandstone, MICKA, Sandstone, MICKA.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS (20), NO. OF POUNDS (2000), GALLONS OF WATER (120), DEPTH OF GROUT SEAL (50).

CASING RECORD: MAIN CASING TYPE (PL), Nominal diameter (6), Total depth (70).

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below.

DEPTH (nearest ft.) table with columns 1-21 and rows E, A, C, H, S, C, R, E, N.

PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (8.5), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (55), TYPE OF PUMP USED (S).

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED PLACE (29), CAPACITY: GALLONS PER MINUTE (31), PUMP HORSE POWER (41), PUMP COLUMN LENGTH (47), CASING HEIGHT (2).

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED (Y).

CIRCLE APPROPRIATE LETTER: A, E, P.

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 S D 142, DRILLERS SIGNATURE, LIC. NO. D

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

LATITUDE 39.23883, LONGITUDE 76.95309, (DEFAULT COORD. WGS 84)

NOTES:

B 1 26822

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO -14 -0032

546363-1 please type

fill in this form completely

Date Received (APA)

05/16/14

OWNER INFORMATION

Bassler Venture LLC

PO Box 482

Lisbon MD 21265

LOCATION OF WELL

Howard COUNTY

Walnut Creek Phase III

SECTION 44 46 LOT 96

CLARKSVILLE

DRILLER INFORMATION

Ralph Mayne MSD 119

Ralph Mayne Well Drilling

17024 Handy Rd Mt. Airy MD 21077

Signature Date 5/15/14

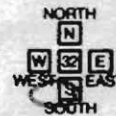
SOURCES OF DRILLING WATER

- 1. well

CATALPA CT

STREET ADDRESS

ON WHICH SIDE OF ROAD



DISTANCE FROM ROAD

TAX MAP: 28 BLK: 11 PARCEL 49

WELL INFORMATION

APPROX. PUMPING RATE 5

AVERAGE DAILY QUANTITY NEEDED 500

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 COUNTY NAME 13 COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 06/11/2014

CO SIGNATURE EXP. DATE 6/11/15

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
- AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
- CABLE REVerse-ROTary DRive-POINT

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER HO-2006-G020

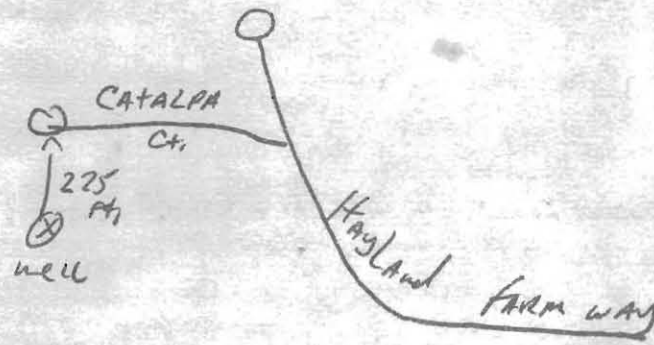
PERMIT No. HO-14-0032

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

All wells must be at least 100 ft. apart

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



HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WELL & SEPTIC PROGRAM
TEL: (410)313-1771 FAX: (410)313-2648

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: In-Country Pure Service Telephone #: 301-432-0330
Address: 6711 Old National Pike Boonsboro, Md 21713

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation: Name (Print): William Griffith License# 20135

*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: Craftmark Homes Telephone #: 410-932-0573
Subdivision: Walnut Creek Lot #: 96 Well Tag #: HO-14-0032 8/1/2018
Site Address: 5315 Catalpa Ct Ellicott City, Md

Submersible Pump Data: Make: Shakti Model #: SPH5052-01 Pump Capacity: 7 GPM Well Yield: 8 GPM
Pitless Adapter: Make: Annalisa Comby Model #: P1104 Depth: 105 (36" min) 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: 225 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors, Cable guards, or other acceptable method used- Must circle one
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

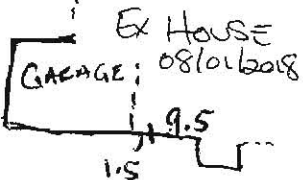
Piping to house: Type: Poly FC: 200 (160 psi min) Depth of supply line: 36" (36" min)
House Connection: PVC sleeve to undisturbed soil at wall penetration: yes Length of sleeve(5' minimum from foundation): 20 Sleeve sealed properly: yes

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: 8-3-2018

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

Date Insp. Requested: 8/1/2018 Date Insp. Approved: 08/01/2018 Inspector: [Signature]
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade 45' 08/01/2018
Two piece cap installed and attached to casing securely 42' 08/01/2018
Elec. conduit extends at least 18" below grade/attached to cap properly 19" 08/01/2018
Safety rope not outside of well cap/casing 18.5' 08/01/2018
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



INTERIM CERTIFICATE OF POTABILITY

Expiration Date – May 15, 2019

November 15, 2018

Homeowner
5315 Catalpa Court
Ellicott City, MD 21042

RE: Walnut Creek, Lot 96
5315 Catalpa Court
Building Permit: B18001464
Well Permit: HO-14-0032

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 **11/15/2018**. Final approval of the well line connection to the dwelling was granted on **8/1/2018**. The well construction was completed on **7/3/2014**. Water samples were collected on **10/25/2018, 11/13/2018**.

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.

Gross Alpha and Beta samples were also collected on **7/3/2014**. Results showed a Gross Alpha level of **10.9 ± 2.1 pCi/L** and **Gross Beta** level of **6.3 ± 2.0 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (roughly equivalent to the annual dose rate of 4 millirems per year). At the time of testing and with respect to these parameters, the well water is safe for all uses.

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-14-0032. 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.**

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

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a certified water quality 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>

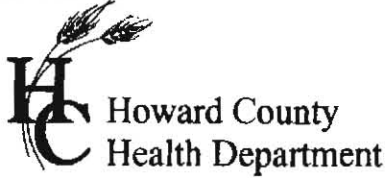
In closing, please refer to our "Homeowner Fact Sheet" for understanding your onsite sewage disposal system. You will also find a link to Maryland Department of the Environment website which elaborates in further detail operation and maintenance of your Septic System.

Approving Authority,



Hank Oswald, L.E.H.S.
Well & Septic Program

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



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

Peter L. Bielson, M.D., M.P.H., Health Officer

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>Walnut Creek Phase 3</u>	<u>96</u>	<u>Catalpa Court</u>
Subdivision/Property Name	Lot #	Road Name

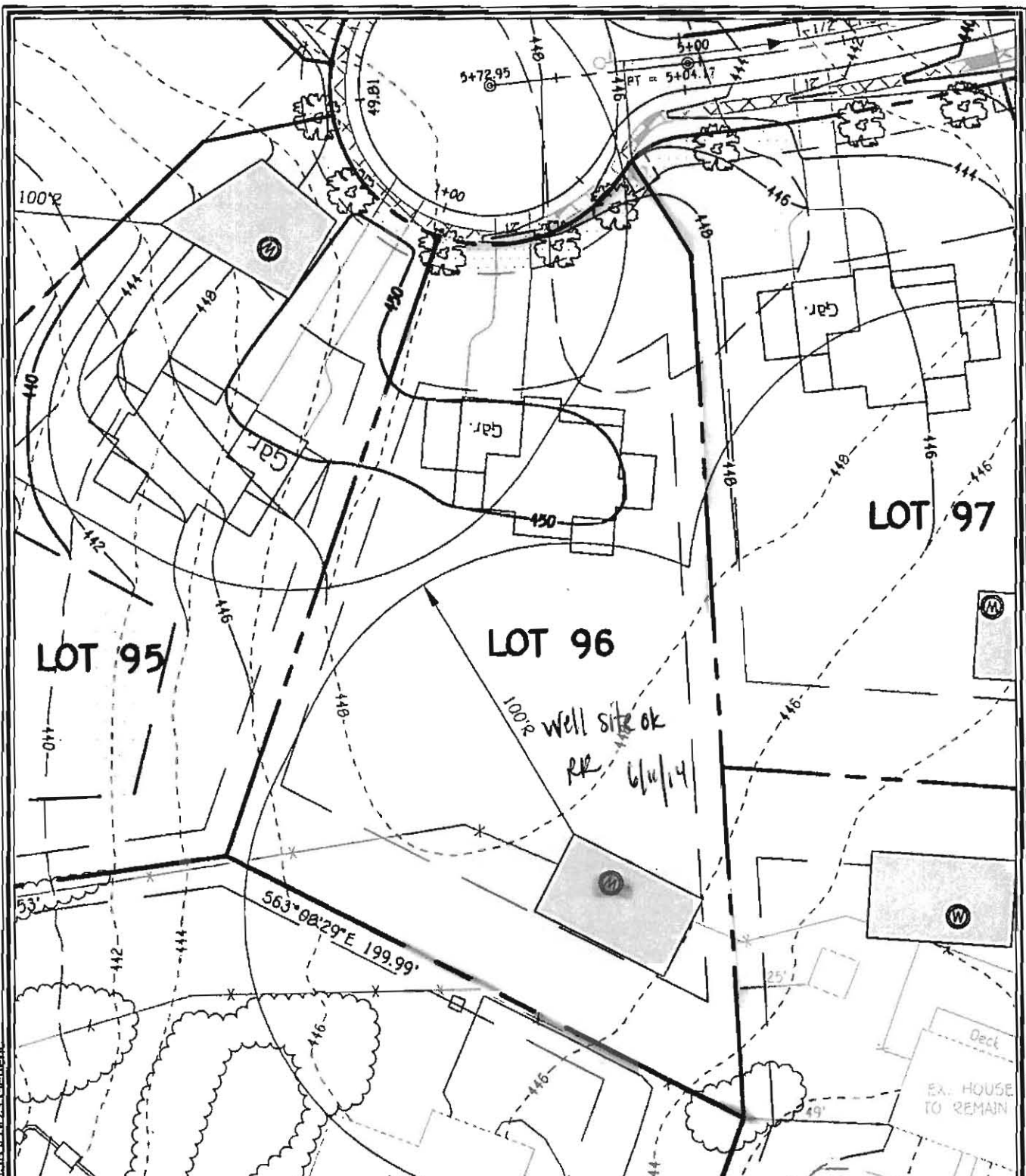
The well site has been staked by Fisher, Collins and Carter, Inc.,
(professional land surveyor or company employing professional land surveyors)
on 05/07/14 (date) and does not require a site inspection.

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 3/11/07

I:\2004\04001\dwg\PHASE THREE FINAL\04001 Phase Three WELL MAPS Lots 87-89, Lots 95-97, Lots 101-104 & Lots 107-114.dwg, 5/12/2014 5:34:16 PM, MSRV\JDS.Generic



WELL LOCATION INFORMATION:

NORTHING = 572,513.40 EASTING = 1,325,633.23
LATITUDE = N39°14'19" LONGITUDE = W76°57'11"

**LOT 96 WELL MAP
WALNUT CREEK
PHASE THREE**

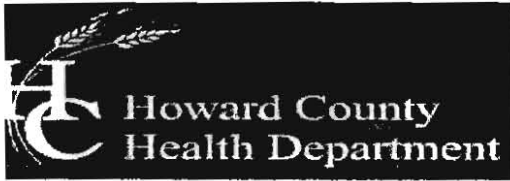
Lots 69 - 114, Non-Buildable Preservation Parcels
'O' Thru 'R' & 'V', Non-Buildable Parcel 'S', Buildable Preservation
Parcel 'T' and Buildable Bulk Parcel 'U'

ZONED: RC-OEO & RR-OEO

TAX MAP No. 2B GRID Nos. 4, 5, 10-12, 17, AND 18
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: MAY 1, 2014 SCALE: 1" = 50'

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

CENTENNIAL SQUARE OFFICE PARK • 10272 BALDORRE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 481 - 2895



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

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

August 27, 2014

Bassler Venture LLC
Attn. Tim Feaga
15950 North Avenue, P.O. Box 482
Lisbon, Maryland 21765

RE: Walnut Creek Phase III Lot 96
Catalpa Court
Well Tag: HO - 14 - 0032

Dear Mr. Feaga:

A sample was collected during a yield test on July 3, 2014 and submitted to the Department of Health & Mental Hygiene Laboratories to assess the possible presence of **Gross Alpha** and **Gross Beta** in the future well water supply. **Gross Alpha** and **Gross Beta** measure the total alpha and beta particle activity in a water supply. These naturally occurring radioactive nuclides have been demonstrated to be present in a certain type of geologic formation known as the Baltimore Gneiss which exists in your area of development within the County.

Results from this screening revealed a **Gross Alpha** of 10.9 ± 2.1 picocuries/liter (pCi/L), while the **Gross Beta** level was 6.3 ± 2.0 pCi/L. The **Gross Alpha** result was below its **maximum contaminant level (MCL)** of 15 pCi/L, while the **Gross Beta** level was below its targeted value of 50 pCi/L (roughly equivalent to the **annual dose rate** of 4 millirems/year).

At the time of testing and with respect to these parameters, the future well water supply is **within** EPA regulatory standards. Additional testing **for these parameters** will not be required to secure the future Use & Occupancy. **Please note** that other standard testing parameters (bacteria, nitrate, turbidity and sand) will still be required to help secure Use & Occupancy.

A copy of the test results is enclosed for your information. Please call this office at 410-313-1773 if you have any further questions.

Sincerely,

A handwritten signature in cursive script that reads 'Bert Nixon'.

Bert Nixon, Director
Bureau of Environmental Health

Enclosure
cc: Property file

SEND REPORT TO: Bert Nixon
 Howard County Health Department
 Bureau of Environmental Health
 8930 Stanford Blvd.
 Columbia, Maryland 21045

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
 Laboratories Administration
 201 W. Preston St., Baltimore, MD 21201
 Robert A. Myers, Ph.D., Director

Lab No.
 000050 4-75

RADIATION ANALYSIS REQUEST FORM

Plant/Site Name: Walnut Creek Phase III, Lot 96 County: Howard
 Sample Source: HC-0032 Location: Well sample - HO-14-0032
(Well no., lab sink, sample tap, etc.)
 Radon-222 Bottle A _____ Radon-222 Field Blank Bottle A _____
 Bottle B _____ Bottle B _____
 County 12 Plant No. _____

CHECK (one per Box)

Type	Service	Point of Collection	Testing
Drinking Water <input checked="" type="checkbox"/>	Community <input type="checkbox"/>	Source (Raw) <input checked="" type="checkbox"/>	Emergency <input type="checkbox"/>
Landfill <input type="checkbox"/>	Non-Community <input type="checkbox"/>	Distribution (treated) <input type="checkbox"/>	Routine <input checked="" type="checkbox"/>
Stream <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	MCL <input type="checkbox"/>	Recheck <input type="checkbox"/>
Other <input type="checkbox"/>	Other <input type="checkbox"/>		Special <input type="checkbox"/>

Submitters Code: _____ Federal Project: S
 Collector: R. Rappert Telephone No.: 410-313-1718
 Date Collected: 7/3/14 Time Collected: 1030 a.m. _____ p.m.
 Field pH: _____ Field Chlorine: _____
 Nitric Acid Preserved: Yes No Iced: Yes No

Remarks: Sample taken @ yield test

TEST	EPA Code	Lab No.	Method No.	Results (pCi/L)	Date Analyzed	Analyst	Date Reported
<input checked="" type="checkbox"/> Gross Alpha	4000	0050	EPA 900.0	10.9 ± 2.1	7/8/14	CWB	7/10/14
<input checked="" type="checkbox"/> Gross Beta	4100	0050	"	6.3 ± 2.0	"	"	"
<input type="checkbox"/> Radium-226	4020						
<input type="checkbox"/> Radium-228	4030						
<input type="checkbox"/> Total Uranium	4006						
<input type="checkbox"/> Radon-222 (Bottle A)	4004						
<input type="checkbox"/> Radon-222 (Bottle B)	4004						
<input type="checkbox"/> Radon Field Blank A	4004						
<input type="checkbox"/> Radon Field Blank B	4004						
<input type="checkbox"/> Tritium							

Date Received: 07/07/14 Received By: C. Watty Boyd
 Data Release Signature: Deborah Miller-Jack Date: 7/10/14

Lab Use Only	Yes	No	N/A
Sample Intact upon arrival?	<input checked="" type="checkbox"/>		
Sample pH < 2.0?	<input checked="" type="checkbox"/>		
Received within holding time?	<input checked="" type="checkbox"/>		

• Tel. No.: (410) 767-5537 • Fax No.: (410) 333-5373

CUSTOMER COPY 1

SEND REPORT TO: Don Nixon
Howard County Health Department
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, Maryland 21045

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
 Laboratories Administration
 201 W. Preston St., Baltimore, MD 21201
 Robert A. Myers, Ph.D., Director

Lab No.
000049 -73

RADIATION ANALYSIS REQUEST FORM

Plant/Site Name: Field Blank County: Howard

Sample Source: HC0000 Location: Distilled H₂O - Lab
(Well no., lab sink, sample tap, etc.)

Radon-222 Bottle A _____ Radon-222 Field Blank Bottle A _____
 Bottle B _____ Bottle B _____

County 13 Plant No. _____

CHECK (one per Box)

Type	
Drinking Water	<input checked="" type="checkbox"/>
Landfill	<input type="checkbox"/>
Stream	<input type="checkbox"/>
Other	<input type="checkbox"/>

Service	
Community	<input type="checkbox"/>
Non-Community	<input type="checkbox"/>
Private	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Point of Collection	
Source (Raw)	<input checked="" type="checkbox"/>
Distribution (treated)	<input type="checkbox"/>
MCL	<input type="checkbox"/>

Testing	
Emergency	<input type="checkbox"/>
Routine	<input checked="" type="checkbox"/>
Recheck	<input type="checkbox"/>
Special	<input type="checkbox"/>

Submitters Code: _____ Federal Project: 5

Collector: R. Rappa per Telephone No.: 410-313-1781

Date Collected: 7/3/14 Time Collected: _____ a.m. 330 p.m.

Field pH: _____ Field Chlorine: _____

Nitric Acid Preserved: Yes No Iced: Yes No

Remarks: sample taken in lab

<input type="checkbox"/>	TEST	EPA Code	Lab No.	Method No.	Results (pCi/L)	Date Analyzed	Analyst	Date Reported
<input checked="" type="checkbox"/>	Gross Alpha	4000	0049	EPA 900.0	<2.0	7/8/14	CWB	7/10/14
<input checked="" type="checkbox"/>	Gross Beta	4100	0049	" "	<4.0	7/8/14	"	"
<input type="checkbox"/>	Radium-226	4020						
<input type="checkbox"/>	Radium-228	4030						
<input type="checkbox"/>	Total Uranium	4006						
<input type="checkbox"/>	Radon-222 (Bottle A)	4004						
<input type="checkbox"/>	Radon-222 (Bottle B)	4004						
<input type="checkbox"/>	Radon Field Blank A	4004						
<input type="checkbox"/>	Radon Field Blank B	4004						
<input type="checkbox"/>	Tritium							
<input type="checkbox"/>								

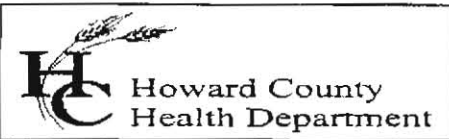
Date Received: 07/07/14 Received By: CWATTY-Boyd

Data Release Signature: Deborah Miller - Zuck Date: 7/10/14

Lab Use Only	Yes	No	N/A
Sample Intact upon arrival?	<input checked="" type="checkbox"/>		
Sample pH <2.0?	<input checked="" type="checkbox"/>		
Received within holding time?	<input checked="" type="checkbox"/>		

•Tel. No.: (410) 767-5537 •Fax No.: (410) 333-5373

ORIG MAILED 7/24/14



Invoice

Bureau of Environmental Health
Attn: Bert Nixon, Director

DATE: JULY 24, 2014
DATES OF SERVICE: JUNE 25, 26, & JULY 1, 3 2014
INVOICE #: 2014-014

8930 Stanford Boulevard, Columbia, MD 21045
Phone 410-313-2640 Fax 410-313-2648
www.hchealth.org

BILL TO Heritage Reality and Land Development
Attn: Tim Feaga
15950 North Ave P.O. Box 482
Lisbon, MD 21765

COMMENTS Payment due upon receipt. Letter and results will be released upon receipt of payment.

DATE	DESCRIPTION	BALANCE	AMOUNT
06/25/14	Gross alpha/beta testing performed for Walnut Creek, Lots # 76 And 97 HO - 95 - 2667 HO - 14 - 0033		\$90.00
06/26/14	Gross alpha/beta testing performed for Walnut Creek Lot # 104 HO - 14 - 0037		\$45.00
07/01/14	Gross alpha/beta testing performed for Walnut Creek Lots # 108 And 109 HO - 14 - 0039 HO - 14 - 0040		\$90.00
07/03/14	Gross alpha/beta testing performed for Walnut Creek Lot # 96 HO - 14 - 0032		\$45.00
			AMOUNT DUE
			\$270.00

Please detach and return with payment.

REMITTANCE	
Invoice #	2014-014
Site Information	Walnut Creek Lots 76, 96, 97, 104, 108, 109
Amount Due	\$270.00

Receipt 54598
8/26/14

Make Checks Payable to: **Director of Finance** Mail Payments to: **Bureau of Env. Health**



Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

3020 Venrie Court • P.O. BOX 245 • Myersville MD 21775 • 800-332-3340 • FAX 301-293-2366
 www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 3948 - 2188-1

Field Record

Site visit performed on: Thursday, October 25, 2018 12:01 PM
 by: Steve Wolfe State ID No. 8587SW
 Affiliation: Tri-County Pump Services
 Property Owner: Craftmark Homes
 Project: Lot 96
 Property Address: 5315 Catalpa Court
 Ellicott City, MD 21042
 Sample Source: 1st Floor 1/2 Bath Vanity
 Treatment Devices Noted: No Treatment Devices
 Well No.: HO-14-0032
 Field pH: 8.5
 Free Res. Cl.: <0.1 mg/l

Laboratory Report

Sample Received at laboratory: 10/25/2018 1:44 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli. (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
>200	<1	10/25/18	15:45	10/26/18	09:46	9223B	JD

Bacteriological analysis of this sample indicates the water is unsafe for human consumption.
 Analysis was performed according to the 20th edition of Standard Methods

Inorganic Chemical results:

Parameter	Result	Units	MCL	Date of Analysis	Method	Analyst
Nitrate-Nitrogen	2.5	mg/l	10	10/25/2018	300.0	PH
Sand	<2	mg/l	5	10/25/2018	0.065mmFilter	JD
Turbidity	0.3	NTU	<10	10/25/2018	180.1	KB

Reported by: Eden Mellott 10/26/18
 Name Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
 Maryland Cert. No. 116 Virginia Cert. No. 00444
 MDOT WBE Cert. No.: 91-158



Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

3020 Venture Court • P.O. BOX 245 • Myersville MD 21773 • 800-332-3340 • FAX 301-293-2266
 www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 3948 - 2188-2

Field Record

Site visit performed on: Monday, November 05, 2018 3:41 PM
 by: Brian Kepler State ID No. 1063BK
 Affiliation: Tri-County Pump Service
 Property Owner: Craftmark Homes
 Project: Lot 96
 Property Address: 5315 Catalpa Court
 Ellicott City, MD 21042
 Sample Source: 1st Floor Powder Room Sink
 Well No.: HO-14-0032
 Field pH: 7.0
 Free Res. Cl.: 0.0 mg/l

Laboratory Report

Sample Received at laboratory: 11/6/2018 7:51 AM

Bacteriological results:

Total Colif. (/100ml)	E.coli. (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
5.3	<1	11/06/18	10:55	11/07/18	11:35	9223B	KMW

Bacteriological analysis of this sample indicates the water is unsafe for human consumption.
 Analysis was performed according to the 20th edition of Standard Methods

Reported by: Curtis Phelps 11/7/18
 Name Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
 Maryland Cert. No. 116 Virginia Cert. No. 00444
 MDOT WBE Cert. No.: 91-158



Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

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www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 3948 - 2188-3

Field Record

Site visit performed on: Friday, November 09, 2018 1:33 PM
by: Brian Kepler State ID No. 1063BK
Affiliation: Tri-County Pump Service
Property Owner: Craftmark Homes
Project: Lot 96
Property Address: 5315 Catalpa Court
Ellicott City, MD 21042
Sample Source: Basement Powder Room Sink
Treatment Devices Noted: U.V. Light/Softener
Sample taken after treatment: Yes
Well No.: HO-14-0032
Field pH: 7.5
Free Res. Cl.: <0.1 mg/l

Laboratory Report

Sample Received at laboratory: 11/9/2018 2:49 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli.(/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
>200	<1	11/09/18	16:14	11/10/18	10:18	9223B	KMW

Bacteriological analysis of this sample indicates the water is unsafe for human consumption.
Analysis was performed according to the 20th edition of Standard Methods

Reported by:

Cristy Phelps 11/12/18
Name Date

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Certificate of Analysis

Acct. No. 3948 - 2188-4

Field Record

Site visit performed on: Monday, November 12, 2018 10:15 AM
 by: Brian Kepler State ID No. 1063BK
 Affiliation: Tri-County Pump Service
 Property Owner: Craftmark Homes
 Project: Lot 96
 Property Address: 5315 Catalpa Court
 Ellicott City, MD 21042
 Sample Source: Basement Bathroom Sink
 Treatment Devices Noted: U.V. Light/Softener/Filter
 Sample taken after treatment: Yes
 Well No.: HO-14-0032
 Free Res. Cl.: 0.0 mg/l

Laboratory Report

Sample Received at laboratory: 11/12/2018 3:11 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli. (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
21	<1	11/12/18	15:55	11/13/18	16:12	9223B	JD

Bacteriological analysis of this sample indicates the water is unsafe for human consumption.
 Analysis was performed according to the 20th edition of Standard Methods

Reported by: Curtis Phelps 11/13/18
 Name Date

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 Maryland Cert. No. 116 Virginia Cert. No. 00444
 MDOT WBE Cert. No.: 91-158



Fredericktowne Labs Inc.

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Certificate of Analysis

Acct. No. 3948 - 2188-5

Field Record

Site visit performed on: Tuesday, November 13, 2018 3:17 PM
 by: Kevin Kretzer State ID No. 1511KK
 Affiliation: Tri-County Pump Service
 Property Owner: Craftmark Homes
 Project: Lot 96
 Property Address: 5315 Catalpa Court
 Ellicott City, MD 21042
 Sample Source: 1st Floor Powder Room Sink
 Treatment Devices Noted: No Treatment Devices
 Well No.: HO-14-0032
 Field pH: 7.0
 Free Res. Cl.: 0.0 mg/l

Laboratory Report

Sample Received at laboratory: 11/13/2018 4:37 PM

Bacteriological results:

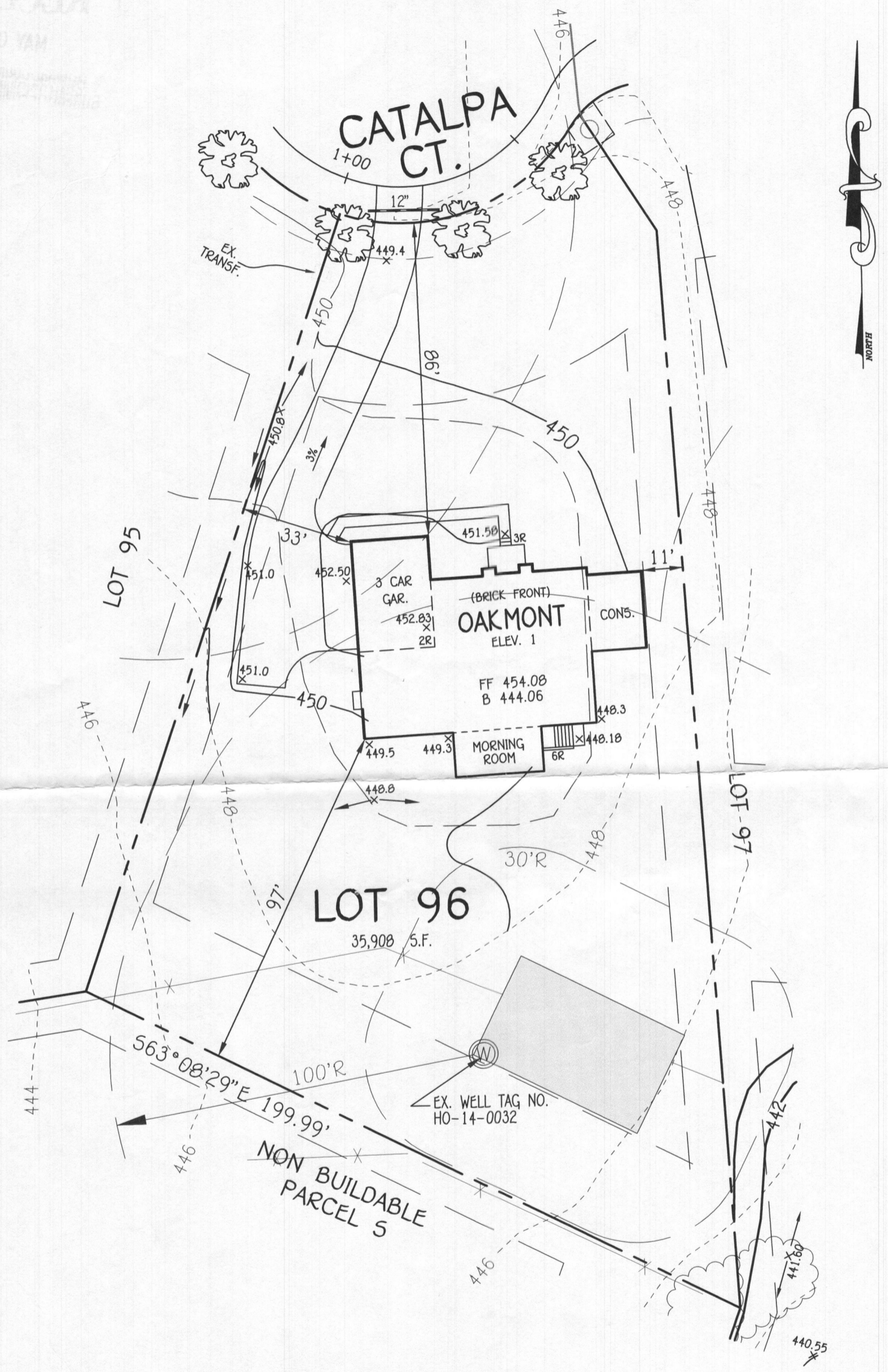
Total Colif. (/100ml)	E.coli. (/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	11/13/18	16:50	11/14/18	10:51	9223B	JD

Bacteriological analysis of this sample indicates the water is safe for human consumption and meets federal, state and local requirements. Analysis was performed according to the 20th edition of Standard Methods

Reported by: Edlin Willett 11/14/18
 Name Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
 Maryland Cert. No. 118 Virginia Cert. No. 00444
 MDOT WBE Cert. No.: 91-155

RECEIVED
MAY 08 2010



WELL CERTIFICATION:
THE EXISTING WELL, TAG NO. HO-14-0032, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

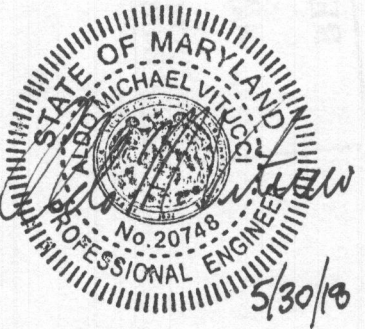
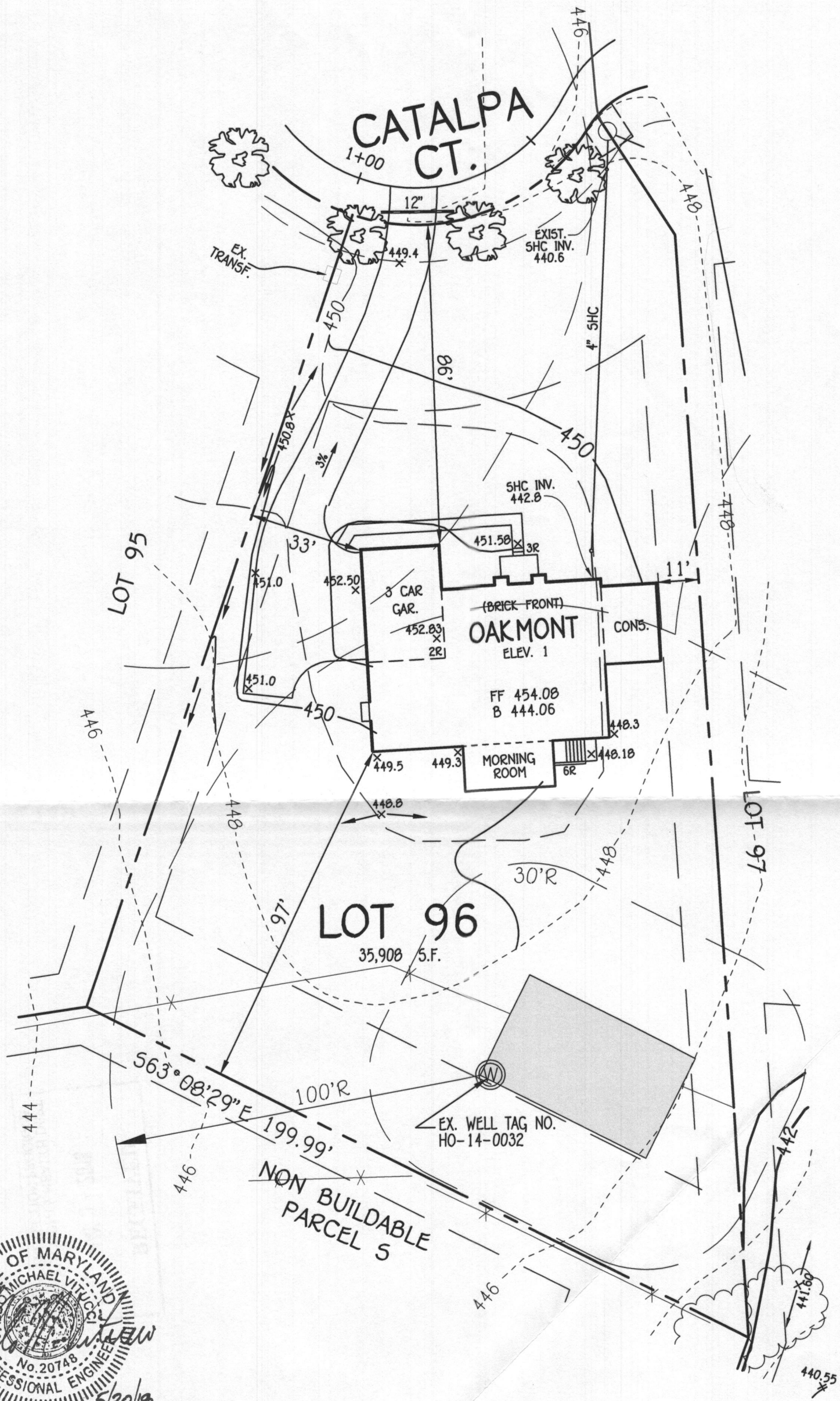
PLAN
SCALE: 1"=30'

PERMIT SITE PLAN
LOT 96
5315 CATALPA COURT
WALNUT CREEK

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2955

OWNER
BV BUSINESS TRUST
P.O. BOX 482
LISBON, MARYLAND 21765-0482

ZONED: RC-DEO
TAX MAP NO.: 28 PARCEL NO. 49 GRID NO.: 17 & 18
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: APRIL 26, 2010



WELL CERTIFICATION:
 THE EXISTING WELL, TAG NO. HO-14-0032, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

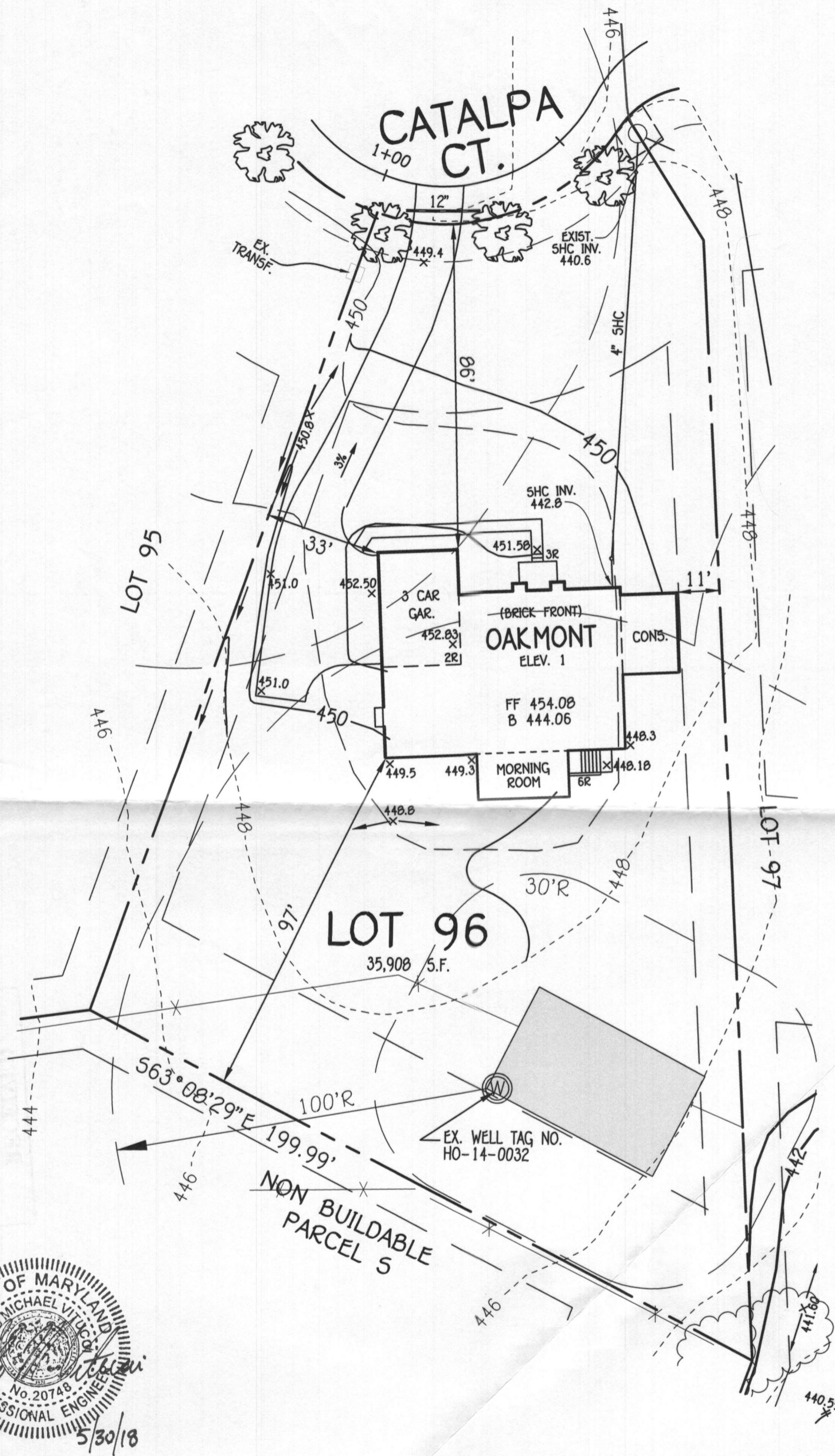
PLAN
 SCALE: 1"=30'

PERMIT SITE PLAN
LOT 96
 5315 CATALPA COURT
WALNUT CREEK

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PLAN

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OWNER

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**PERMIT SITE PLAN
LOT 96**

5315 CATALPA COURT

WALNUT CREEK

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