

C1 6903 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A 517336

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 4 3 2008

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho - 95 - 1546

OWNER Warfield, Jr Kennard STREET OR RFD Road B TOWN Dayton SUBDIVISION The Warfields II SECTION 2 LOT 33

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. Includes entries for Sandstone and Gray mica rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay) NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (ST, PL, CO, OT) Nominal diameter, Total depth

Table for OTHER CASING (if used) with columns for diameter and depth.

SCREEN RECORD

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

PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. MS D024 DRILLERS SIGNATURE

LIC. NO. MS D027

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

Table for DEPTH (nearest ft.) with columns for casing diameter and depth.

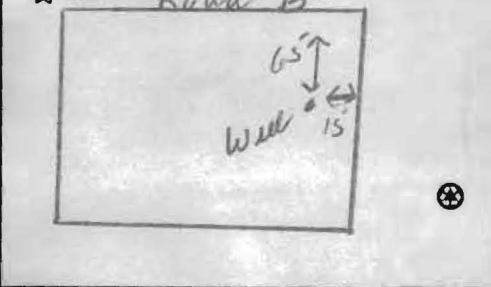
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES/NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 1066
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
5 28437 please type

STATE PERMIT NUMBER

HO-95-1546
70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Warfield Jr. Kennard
15 Last Name Owner First Name 34

P.O. Box 30
36 Street or RFD 55

Glennelg Md 21737
57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Joseph L. Mayne M S D 034
Driller's Name 76 License No. 81

Joseph L. Mayne Well Drilling
Firm Name

5512 Ridge Rd Mt. Airy Md 2009
Address

Joseph L. Mayne 12-19-2007
Signature Date

B 2 WELL INFORMATION

APPROX. PUMPING RATE 5
(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED 500
(GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, DEWATERING
- P PUBLIC WATER SUPPLY WELL
- T TEST, OBSERVATION, MONITORING
- G GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- D THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52

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

APPROP. PERMIT NUMBER HO 2006G001

PERMIT No. HO-95-1546
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 3 LOCATION OF WELL

Howard
8 COUNTY 21

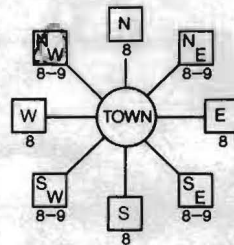
The Warfields II
23 SUBDIVISION 42

SECTION 2 LOT 33
44 46 48 50

Dayton
52 NEAREST TOWN 71

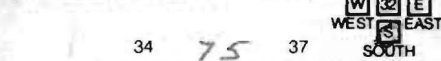
MILES FROM TOWN (enter 0 if in town) 4 M I
73 76 77 78

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Road B
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 75 37
DISTANCE FROM ROAD FT
ENTER FT OR MI 38 39

TAX MAP: 21 BLK: 23 PARCEL 114

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A 517 336
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 2/13/08
43 MM DD YY 48 CO SIGNATURE _____ EXP. DATE

NORTH GRID 5/5 000 EAST GRID 0796 000
50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

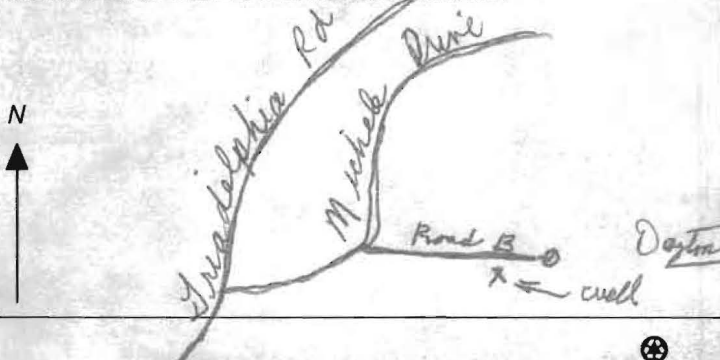
SOURCES OF DRILLING WATER

- 1. Well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 796
N 515

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



**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: Robert L. Feezer Co. Telephone #: 410-781-4655
Address: 6321 Barnett Avenue
Sykesville, 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): Joshua Henricks License# PI0173

***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: NV Homes Telephone #: 410-379-5956
Subdivision: Warfield Estates Lot #: 33 Well Tag #: HO - 95 - 1546 ✓
Site Address: 14714 Lear Court
Glenelg, MD 21737

Submersible Pump Data

Make: Berkeley
Model #: B7P4MS07221
Pump Capacity 7 GPM
Well Yield: 20.0 GPM

Pitless Adapter

Make: Boshart
Model#: P-100-SS
Depth: 42" (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

Depth of well encountered at time of pump installation: 240 (feet) Conduit secured to well cap: Yes

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 N/A

Piping to house

Type: Poly
PSI: 200 (160 psi min)
Depth of supply line: 42" (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: Yes
Length of sleeve (5' minimum from foundation): 10'
Sleeve sealed properly: Yes

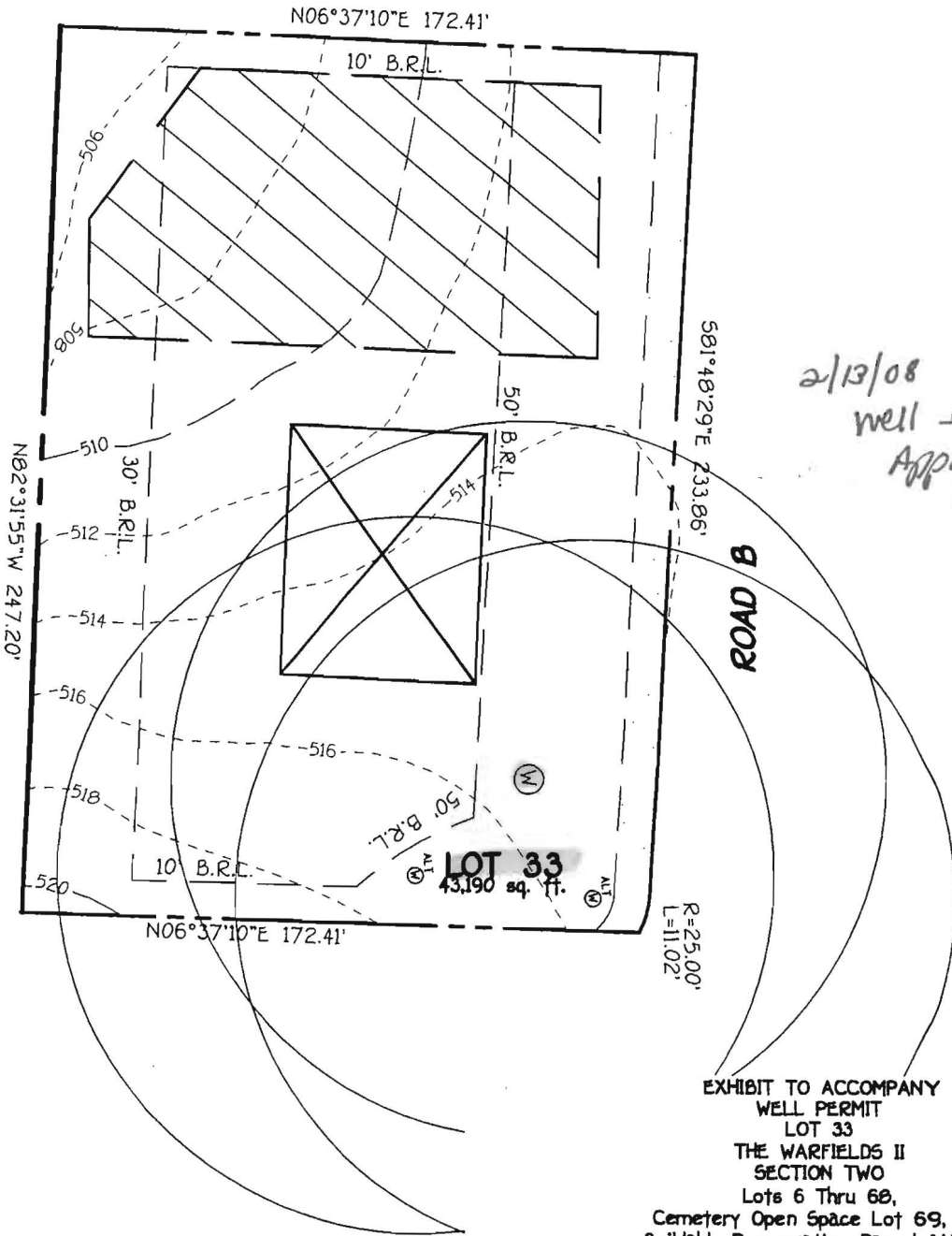
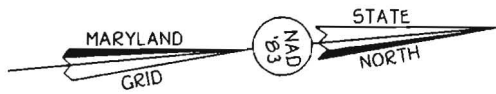
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Joshua Henricks December 18, 2014
Signature of company representative responsible for installation date

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

Date Insp. Requested: 2/6/15 Date Insp. Approved: 2/6/15 Inspector: SC
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 ✓

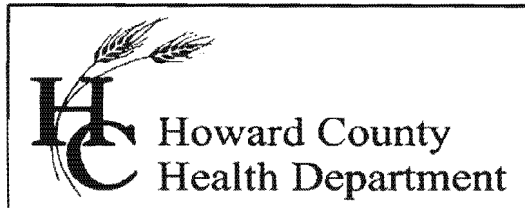
K:\Drawings 3\30310 Warfield Homestead\DWG\30310 Well Exhibit War II Section 2 Lot 33.dwg, 12/7/2007 2:25:21 PM



2/13/08
well site
Approved
(KW)

EXHIBIT TO ACCOMPANY
WELL PERMIT
LOT 33
THE WARFIELDS II
SECTION TWO
Lots 6 Thru 60,
Cemetery Open Space Lot 69, And
Buildable Preservation Parcel 'A' And
Non-Buildable Preservation Parcels 'B', Thru 'I'
Tax Map: 21, Grid 23, Parcel: 55
Tax Map: 27, Grid 5, Parcels: 56, 109 And 144
Fourth Election District
Howard County, Maryland
Date: December 6, 2007
F-07-040

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



Bureau of Environmental Health

8930 Stanford Blvd., 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

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – SEPTEMBER 25, 2015

March 25, 2015

Homeowner
14714 Lear Court
Glenelg, MD 21737

RE: Warfields II, Lot 33
14714 Lear Court
Building Permit: B14003838
Well Permit: HO-95-1546

Dear Homeowner:

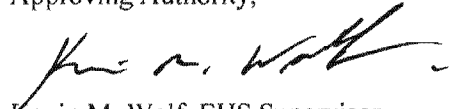
This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on 3/19/2015. Final approval of the well line connection to the dwelling was granted on 2/6/2015. The well construction was completed on 4/3/2008. Water samples were collected on 3/9/2015.

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-95-1546. 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>

Approving Authority,

A handwritten signature in black ink, appearing to read "Kevin M. Wolf". The signature is fluid and cursive, with a horizontal line extending to the right.

Kevin M. Wolf, EHS Supervisor
Environmental Health Specialist
Well & Septic Program

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



Maryland State Certified Laboratory #318

NTS - BALTIMORE
Formerly Trace Laboratories, Inc.
5 North Park Drive
Hunt Valley, MD 21030 USA
Telephone: 410/584-9099 / Fax: 410/584-9117
www.nts.com

CERTIFICATE OF ANALYSIS

Requester:

Robert L. Feezer Company
Attn: Rick Cross
6321 Barnett Avenue
Sykesville, Maryland 21784

S/O Number: 99051

Report Date: March 10, 2015

Property Sampled: 14714 Lear Court, 21737
Sample Location: Pressure Tank Tap
Residual Chlorine: <0.1 mg/L

Building Permit #: B14003838
Sampler ID #: 7483AM
Samples Iced: Yes

County: Howard Subdivision: The Warfields II S2 RSB Lot #: 33

Date/Time Collected in Field: March 9, 2015 12:22 pm
Date/Time Received in Lab: March 9, 2015 1:31 pm

Well Tag #: HO-95-1546
Well Condition: 2-Piece Cap, Satisfactory

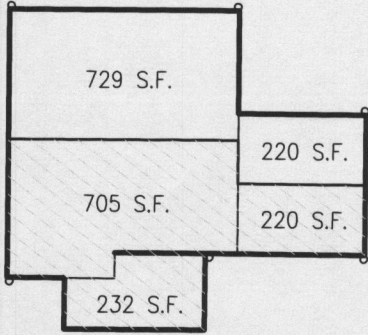
Water Treatment/Conditioning: N/A - Raw Sample

Table with 5 columns: PARAMETER, METHOD, MCL/*SMCL, RESULT, COMMENT. Rows include Total Coliform, E. coli, Nitrate, Turbidity, pH (Field), and Sand.

The results in this report relate only to those items tested. If any additional information or clarification of this report is required, please contact us. This test report shall not be reproduced except in full without the written approval of NTS.

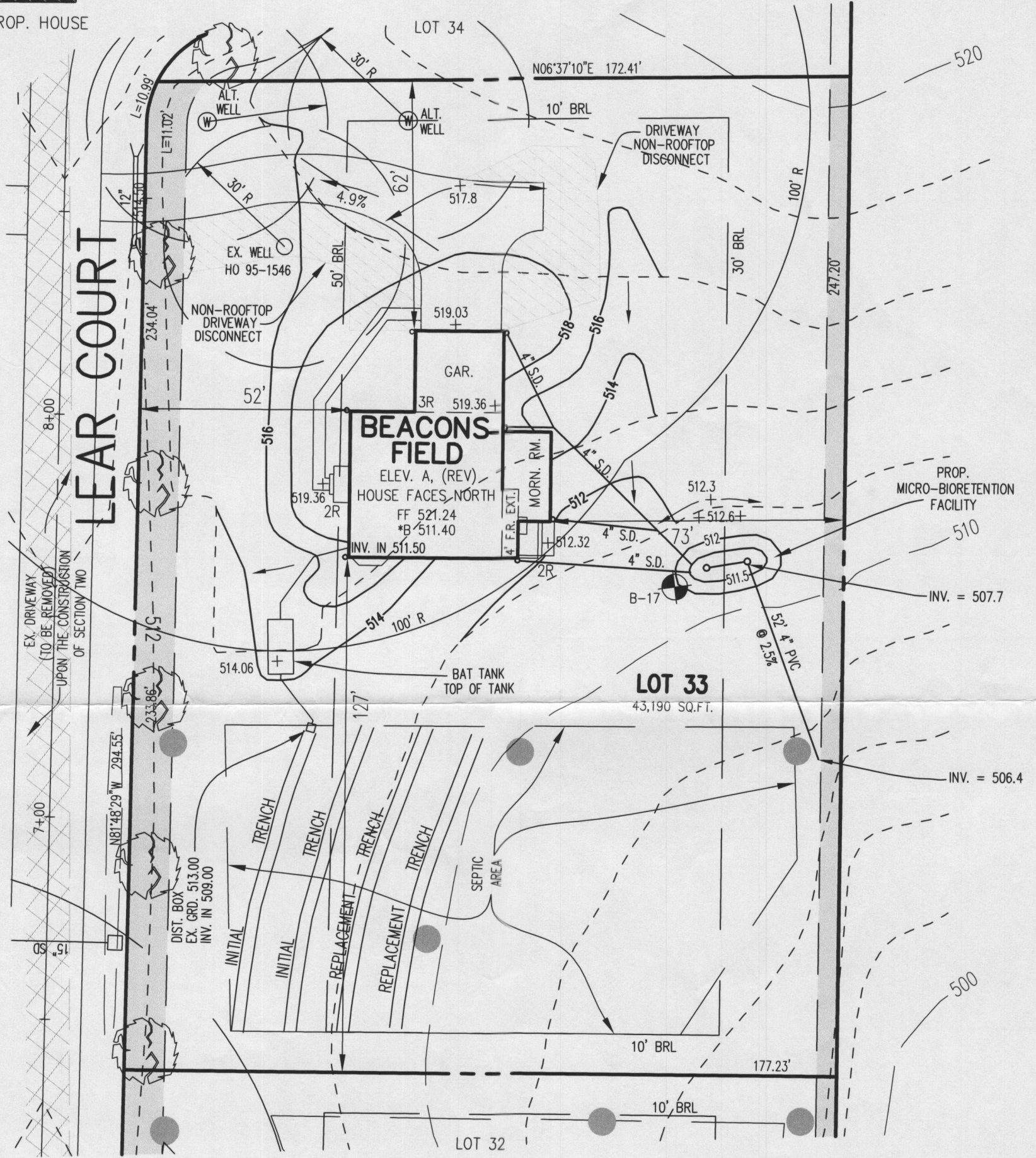
Katherine C. Higgs
Katherine C. Higgs
Manager - Drinking Water Testing

MCL: Maximum Contamination Level, an enforceable level established by the EPA
*SMCL: Secondary Maximum Contamination Level, a level recommended by the EPA
***A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, color or odor) in drinking water.



PROP. HOUSE

☐ = AREA TO MICRO-BIORETENTION FACILITY



*NOTE: NO GRAVITY SEWER SERVICE FOR BASEMENT.

NOTE

THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO 95-1546 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

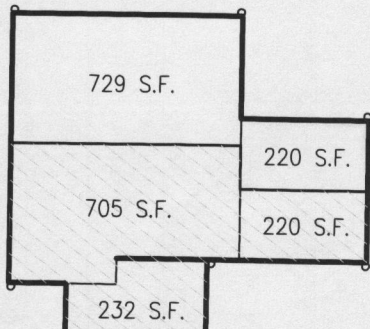
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2855

Drawing Name:

14714 LEAR COURT
THE WARFIELDS II
 LOT 33
 SECTION TWO

ZONED: RC-DEO

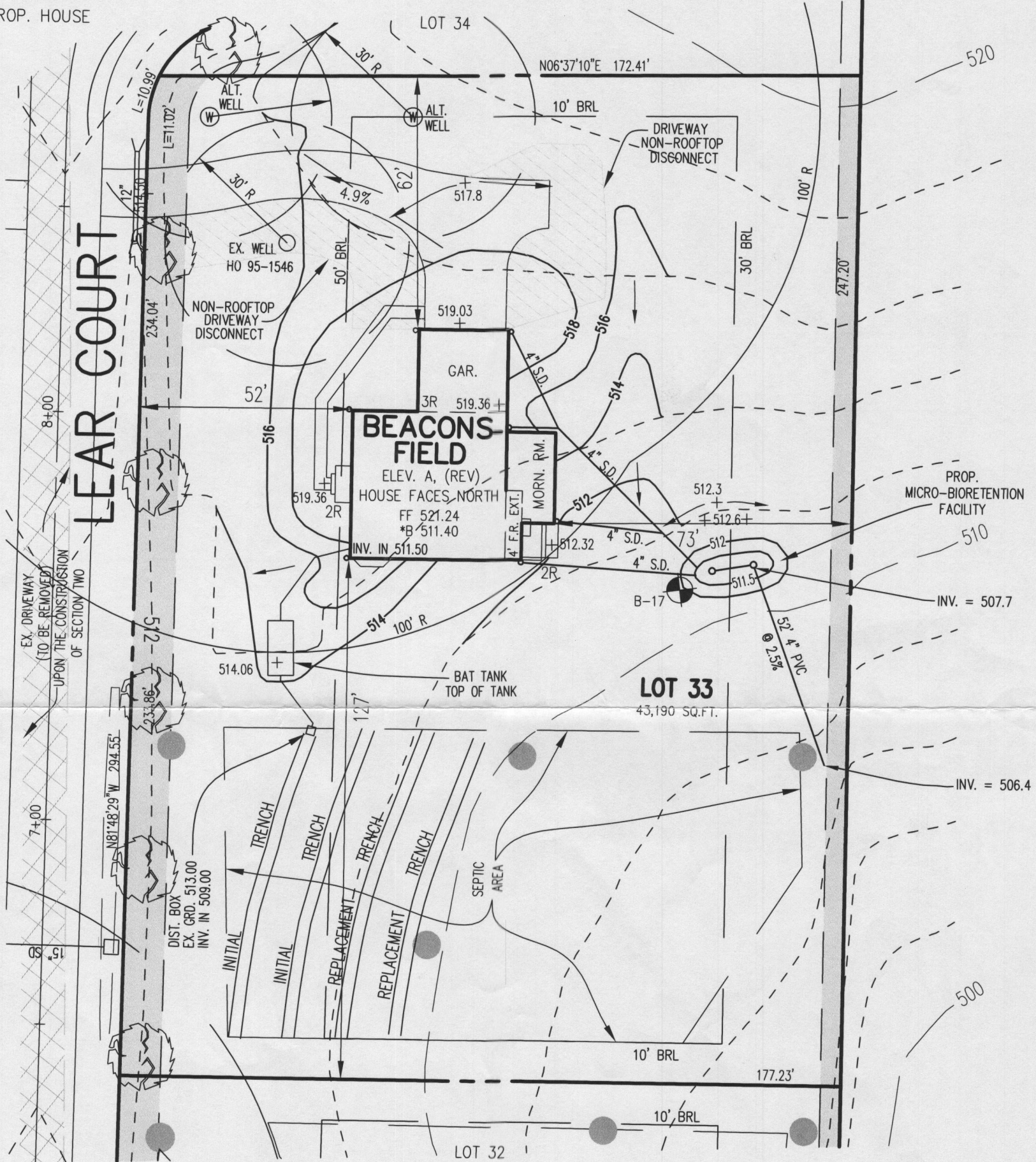
TAX MAP NO.: 21 GRID NO.: 23 PARCEL NO.: 55
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: OCT. 13, 2014



☐ = AREA TO MICRO-BIORETENTION FACILITY



PROP. HOUSE



*NOTE: NO GRAVITY SEWER SERVICE FOR BASEMENT.

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

14714 LEAR COURT
THE WARFIELDS II
 LOT 33
 SECTION TWO
 ZONED: RC-DEO

TAX MAP NO.: 21 GRID NO.: 23 PARCEL NO.: 55
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: OCT. 13, 2014

Drawing Name:

K:\Drawings 3\30310 Warfield Homestead\DWG\30310 Permit Site Plan Lot 33.dwg, 10/14/2014 8:34:41 AM, 1:30