

B 1 11701

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-2237 fill in this form completely

536671 please type

Date Received (APA) 12-21-11

OWNER INFORMATION

8 MM DD YY 13 Depuy Charlene 15 Last Name Owner First Name 34 36 3601 Silver Spruce Circle Street or RFD 55 57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

8 COUNTY 21 Howard 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 Highland 52 NEAREST TOWN 71

DRILLER INFORMATION

Driller's Name Michael Barlow MWD 355 76 License No. 81 Firm Name Barlow Well Drilling Address 522 Underwood Lane 21014 Signature Date 12/16/11

B 4

SOURCES OF DRILLING WATER

1. Well 2. 3.

7202 Mink Hollow Rd 11 STREET ADDRESS 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 350 NORTH WEST SOUTH EAST 34 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 40 BLK: 7 PARCEL 216

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12 AVERAGE DAILY QUANTITY NEEDED (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 O OPEN LOOP GEOTHERMAL C CLOSED LOOP GEOTHERMAL 3 bores x 300

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A535913 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 12/22/2011 Brian Baker 12/22/2012 43 MM DD YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

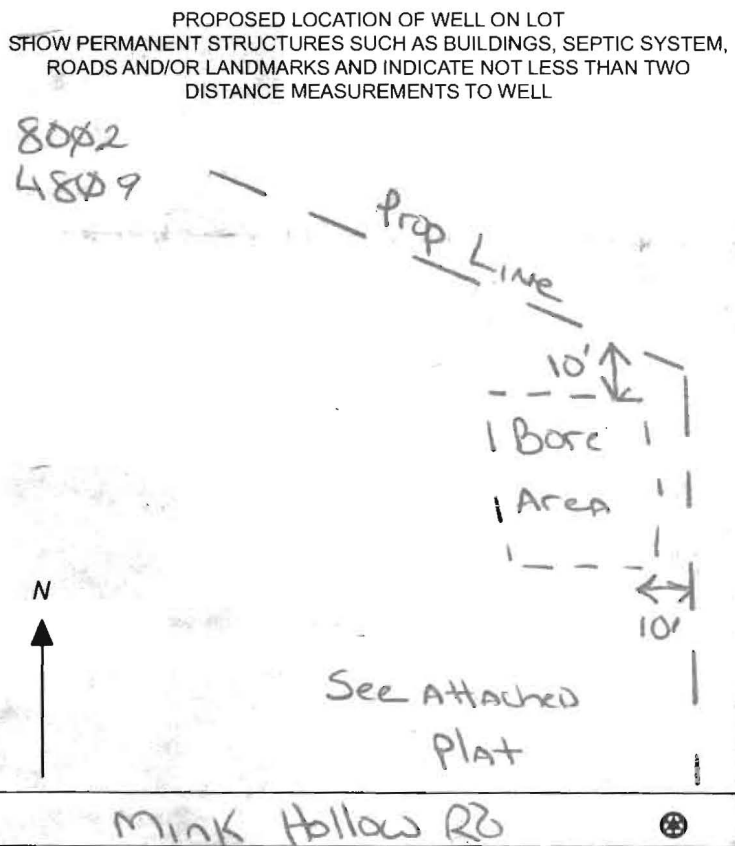
- BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT other

REPLACEMENT OR DEEPEMED 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 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 G PERMIT No. HO-95-2237



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

C1 13768 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

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

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

MM DD YY 08 02 12

MM DD YY 05 09 12

22 300 26 (TO NEAREST FOOT)

HO-95-2237

OWNER Depuy, Charlene WELL SITE ADDRESS 7802 Mink Hollow Rd TOWN Highland SUBDIVISION SECTION LOT

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed) FEET FROM TO check if water bearing

Table with 3 columns: Description, Feet From, Feet To. Rows: Soil (0-6), Red clay (6-15), Brown shale (15-33), Tan Rock (33-54), Gray Rock (54-300)

3 bores x 300 Feet

GROUTING RECORD

WELL HAS BEEN GROUDED (Circle Appropriate Box) Y N

TYPE OF GROUDED MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot) from 2 ft. to 300 ft.

CASING RECORD

Case types insert appropriate code below: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole: ST STEEL, BR BRASS, HO OPEN HOLE, PL PLASTIC, OT OTHER

DEPTH (nearest ft.)

SCREEN RECORD table with columns for casing height and slot size

DIAMETER OF SCREEN (NEAREST INCH) 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) (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9

PUMPING RATE (gal. per min.) 11 15

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 77 20 ft.

WHEN PUMPING 22 25 ft.

TYPE OF PUMP USED (for test)

Pump selection options: A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

LATITUDE 39.10490 LONGITUDE 76.59539 (DEFAULT COORD. WGS 84)

NOTES:

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes Y no N

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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.

DRILLERS LIC. NO. 1 M WD 355

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 M SD 066

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

B 1 2232
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-2234
fill in this form completely

534658 please type

Date Received (APA)
12 06 11
8 MM DD YY 13

OWNER INFORMATION

Derry Charlene
3601 Silver Spruce Circle
Burtonsville MD 20866

B 3 HOWARD
8 COUNTY 21

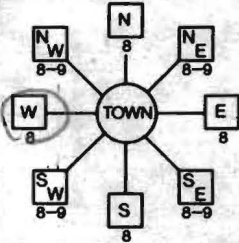
LOCATION OF WELL

23 SUBDIVISION 42
SECTION 44 46 LOT 48 50
Highland
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78

DRILLER INFORMATION

Michael Barlow MWD 355
Barlow Well Drilling
522 Underwood Lane 21014
11/29/11

B 4
1 2
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



7202 Mink Hollow Rd
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 50 37
DISTANCE FROM ROAD ENTER FT OR MI 38 39
TAX MAP: 40 BLK: 7 PARCEL 216

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750 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
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A535913
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 12/20/2011 Brian Baker 12/20/2012
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 489 000 EAST GRID 802 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 250 24 28 FEET
APPROXIMATE DIAMETER OF WELL 6 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 DEEPEENED 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 DEEPEEN AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 52

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

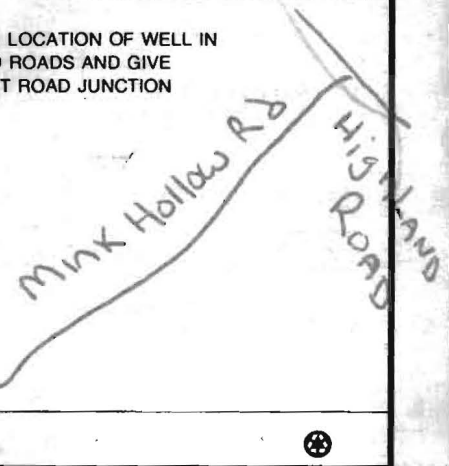
SOURCES OF DRILLING WATER

- 1. Well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8002
N 4809

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



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

APPROP. PERMIT NUMBER G
PERMIT No. HO 95-2234
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

C1 13701 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)

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 500

PERMIT NO. FROM "PERMIT TO DRILL WELL" H095-2234

OWNER: Depri Charlene WELL SITE ADDRESS: 7202 Mink Hollow TOWN: Highland

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Soil, Clay, Brown shale, Fractured Gray Rock, med Gray Rock, Gray Rock, med Gray Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT, BENTONITE CLAY, NO. OF BAGS: 22, NO. OF POUNDS: 2088

CASING RECORD: MAIN CASING TYPE: ST (STEEL), Nominal diameter: 6, Total depth of main casing: 70

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

SCREEN RECORD: screen type or open hole: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED: Y

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), E (ELECTRIC LOG OBTAINED), P (TEST WELL CONVERTED TO PRODUCTION WELL)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. 1 MWD 355 DRILLERS SIGNATURE: Madh Diner LIC. NO. 1 MS D 066

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

DEPTH (nearest ft.): H0 70 500

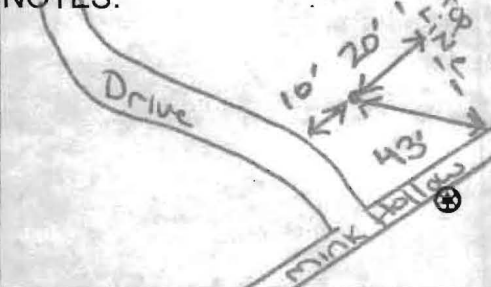
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

PUMPING TEST: HOURS PUMPED: 8.9, PUMPING RATE: 2.0, METHOD USED TO MEASURE PUMPING RATE: Submersible

PUMP INSTALLED: DRILLER INSTALLED PUMP: YES, TYPE OF PUMP INSTALLED: S (submersible), CAPACITY: 31-35 GALLONS PER MINUTE

LATITUDE 39.10.497 LONGITUDE 76.59.544 (DEFAULT COORD. WGS 84)



 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: Jan 28 2012 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

N/A - -

* PERMIT NUMBER OF REPLACEMENT WELL

HO - 95 - 2234

* PERSON ABANDONING WELL: Ralph E Mayne

WELL DRILLERS LICENSE NUMBER: 117

* OWNER'S NAME: FABIN Depey

CIRCLE: MWD (MSD) / MGD

* WELL LOCATION: Howard

North 39'10.507	
West 76'59.572	
000	
000	

SHOW WELL LOCATION BY X WITHIN BOX

COUNTY: HIGHLAND

NEAREST TOWN: HIGHLAND

TAX MAP 40 BLOCK _____ PARCEL _____

SUBDIVISION: NA

SECTION: _____ LOT: NA

NEAREST ROAD: 7202 Mink Hollow Rd

MARYLAND GRID COORDINATES

E 450
 BOX NUMBER N 802

* TYPE OF WELL BEING ABANDONED:

- DRILLED JETTED
- BORED/AUGURED HAND DUG
- OTHER (specify) _____

* USE CODE:

- DOMESTIC MUNICIPAL/PUBLIC
- IRRIGATION INDUSTRIAL
- TEST/OBSERVATION

* TYPE OF CASING:

- STEEL PLASTIC
- CONCRETE OTHER (specify) _____

* SIZE OF CASING: 6" INCHES IN DIAMETER

* DEPTH OF WELL: 72 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: _____

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement	72	5
Top So. L	5	0

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN

DENV 828 JULY 1993

117
 LICENSE #

MWD (MSD) / MGD Jan 28 2012
 CIRCLE ONE DATE



**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 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: Barlow Well Drilling Telephone #: 410-838-6910
Address: 522 Underwood Lane
Bel Air MD 21044

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

License # and name of individual responsible for the field installation:

Name (Print): Michael Barlow License# MWD355

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Charles Deery Telephone #: 240-505-4179

Subdivision: _____ Lot #: _____ Well Tag #: HO-95-2234

Site Address: 7202 Milk Hollow Rd
Highland MD

Submersible Pump Data

Make: Goulds
Model #: 7GS15422
Pump Capacity 7 GPM
Well Yield: 4 GPM

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

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt _____

Pitless Adapter

Make: Boshart
Model #: P-123-SS
Depth: 42" (36" min)
NSF approved: yes

Well Cap and Electric Conduit

Two piece watertight cap:
Screened, vented well cap:
Cap secured to casing:
Conduit min 18" B.G.:
Conduit secured to well cap:

Piping to house

Type: 1 1/4 Poly
PSI: 160 (160 psi min)
Depth of supply line: 42" (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: yes
Approximate length of sleeve: 6'
Sleeve caulked and sealed properly: yes

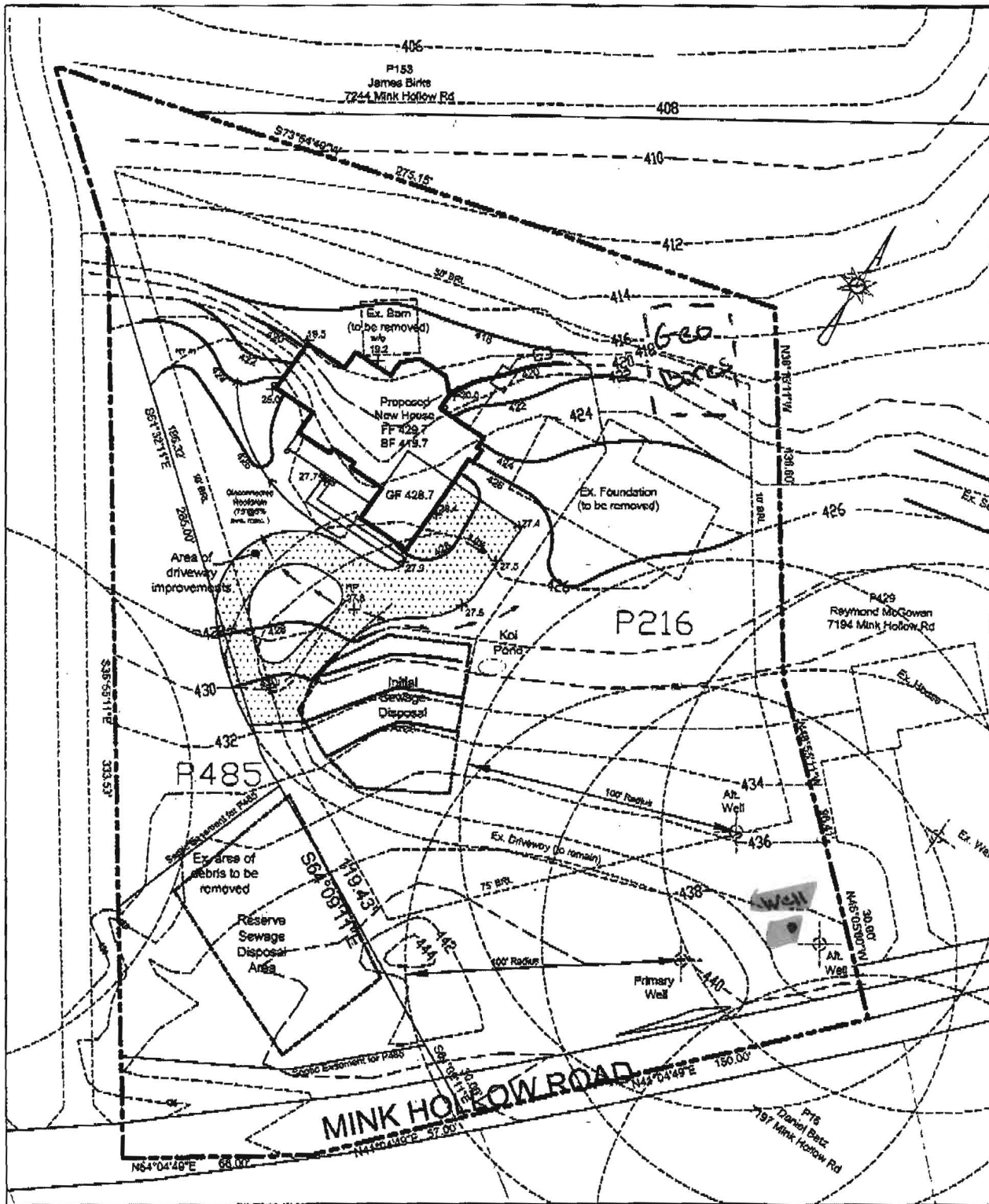
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation _____ date 8-21-12

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

Date Insp. Requested: 9/12/12 Date Insp. Approved: 9/12/12 RR

Inspection Data: Pitless adapter and 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 installed inside of well 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

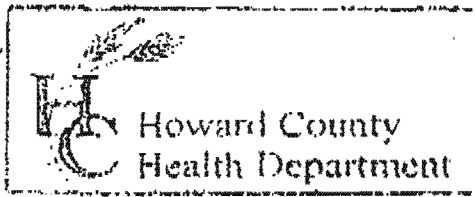


WELL SITE PLAN
 7202 MINK HOLLOW RD.

Scale: 1" = 50'
 Date: 11/15/11

OWNER/APPLICANT:
 FABIAN & CHARLENE DEPRY
 3601 SILVER SPRUCE CIRCLE
 BURTONSVILLE, MD 20866

SOURCE OF TWO-FOOT CONTOUR INTERVAL TOPOGRAPHY:
 THOMAS A. MADDOX, PROFESSIONAL LAND SURVEYOR
 8933 SHADY GROVE CT
 GAITHERSBURG, MD 20877
 301-984-5804



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

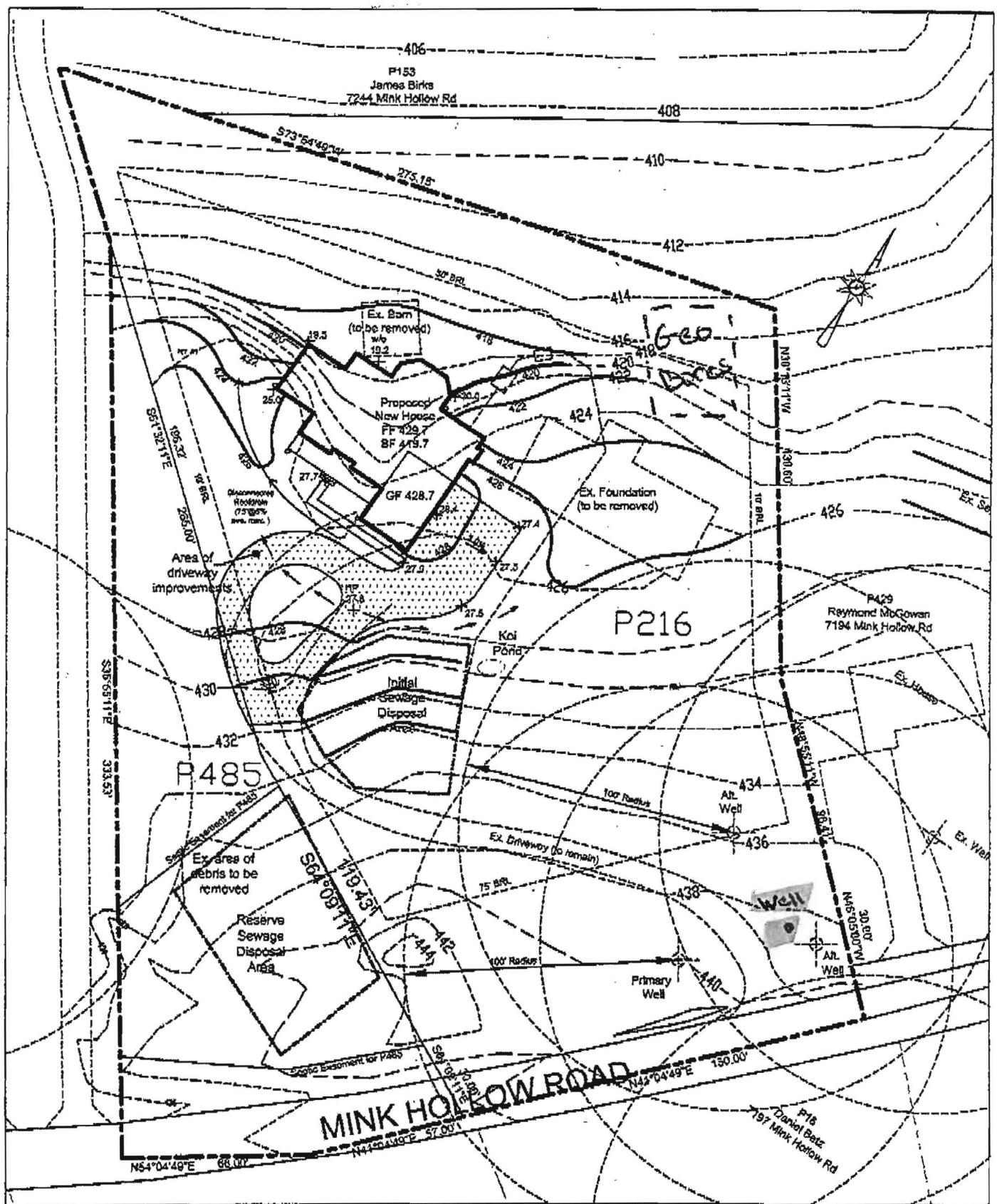
When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

7202 Mink Hollow RD

- The well site has been staked by Thomas Maddox
(professional land surveyor or company employing professional land surveyors)
on 12/13/11 (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 6/10/03



WELL SITE PLAN
7202 MINK HOLLOW RD.

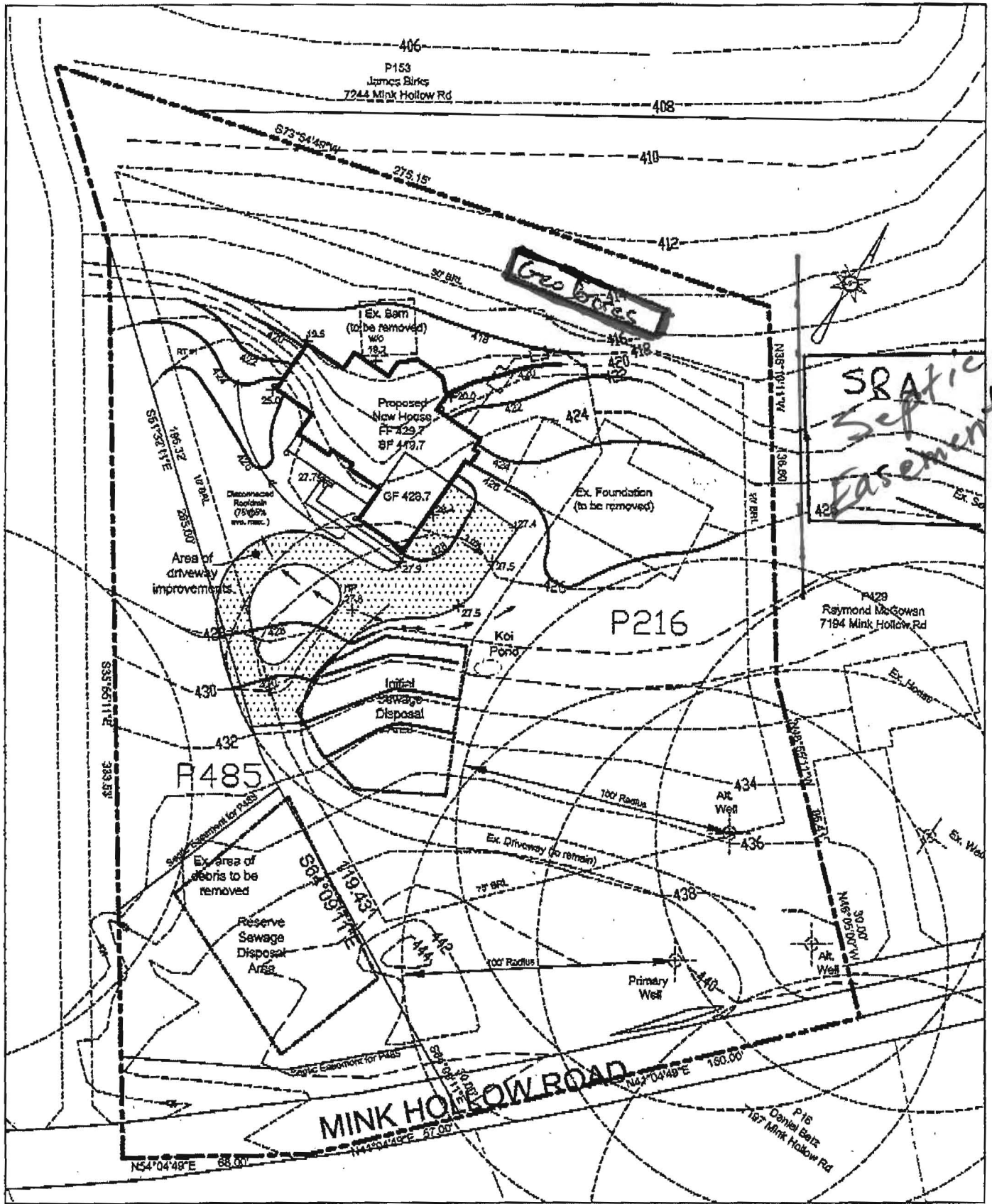
Scale: 1" = 50'
Date: 11/15/11

OWNER/APPLICANT:
FABIAN & CHARLENE DEPRY
3601 SILVER SPRUCE CIRCLE
BURTONSVILLE, MD 20866

SOURCE OF TWO-FOOT CONTOUR INTERVAL TOPOGRAPHY:
THOMAS A. MADDOX, PROFESSIONAL LAND SURVEYOR
8933 SHADY GROVE CT
GAITHERSBURG, MD 20877
301-984-5804

1" ~ 50'

12/20/2011 Revised
Well Site Plan (PB)



WELL SITE PLAN
7202 MINK HOLLOW RD.

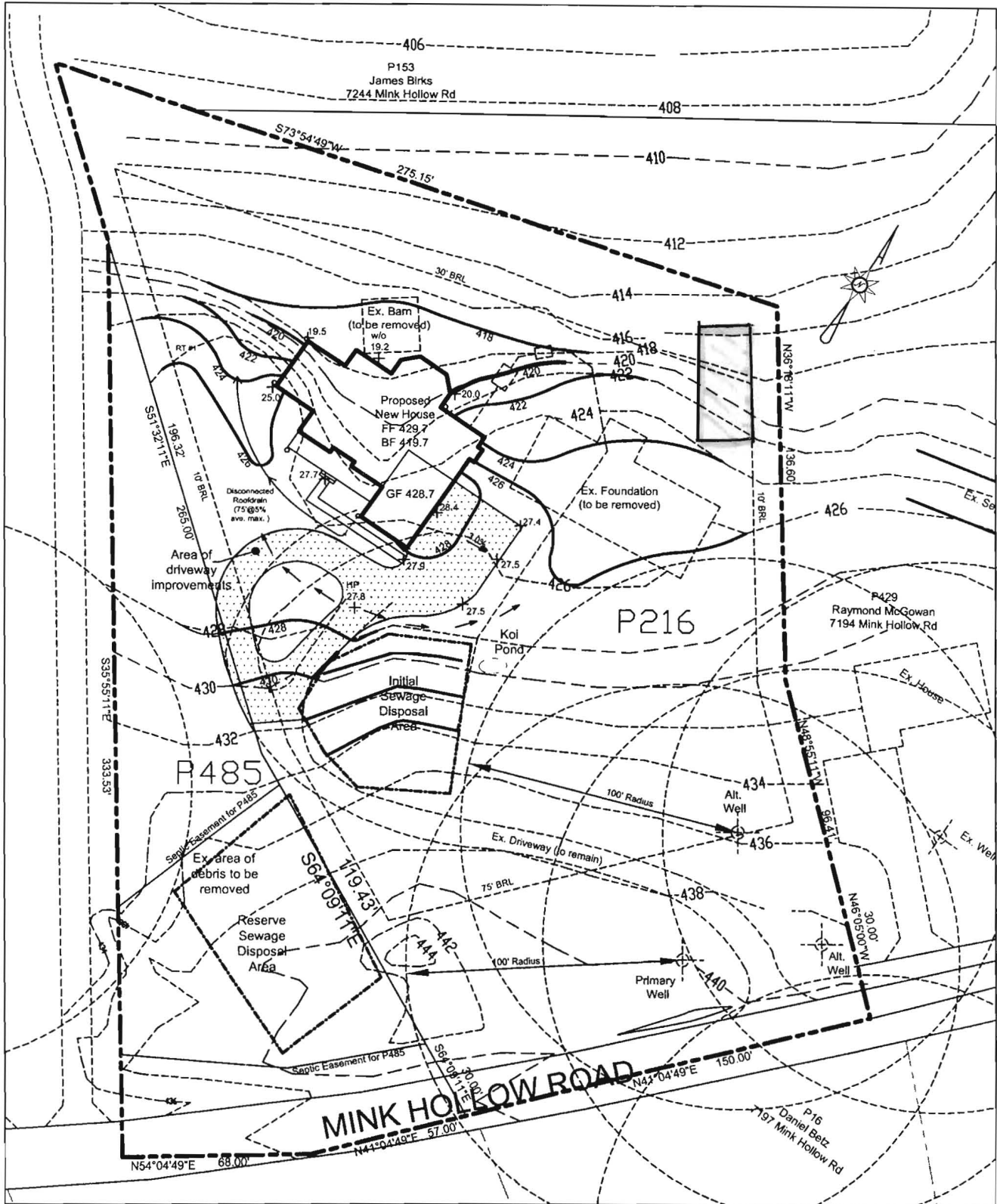
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3601 SILVER SPRUCE CIRCLE
BURTONSVILLE, MD 20866

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8933 SHADY GROVE CT
GAITHERSBURG, MD 20877
301-984-5804

1/5/2012

Revised Borehole Locations (BB)



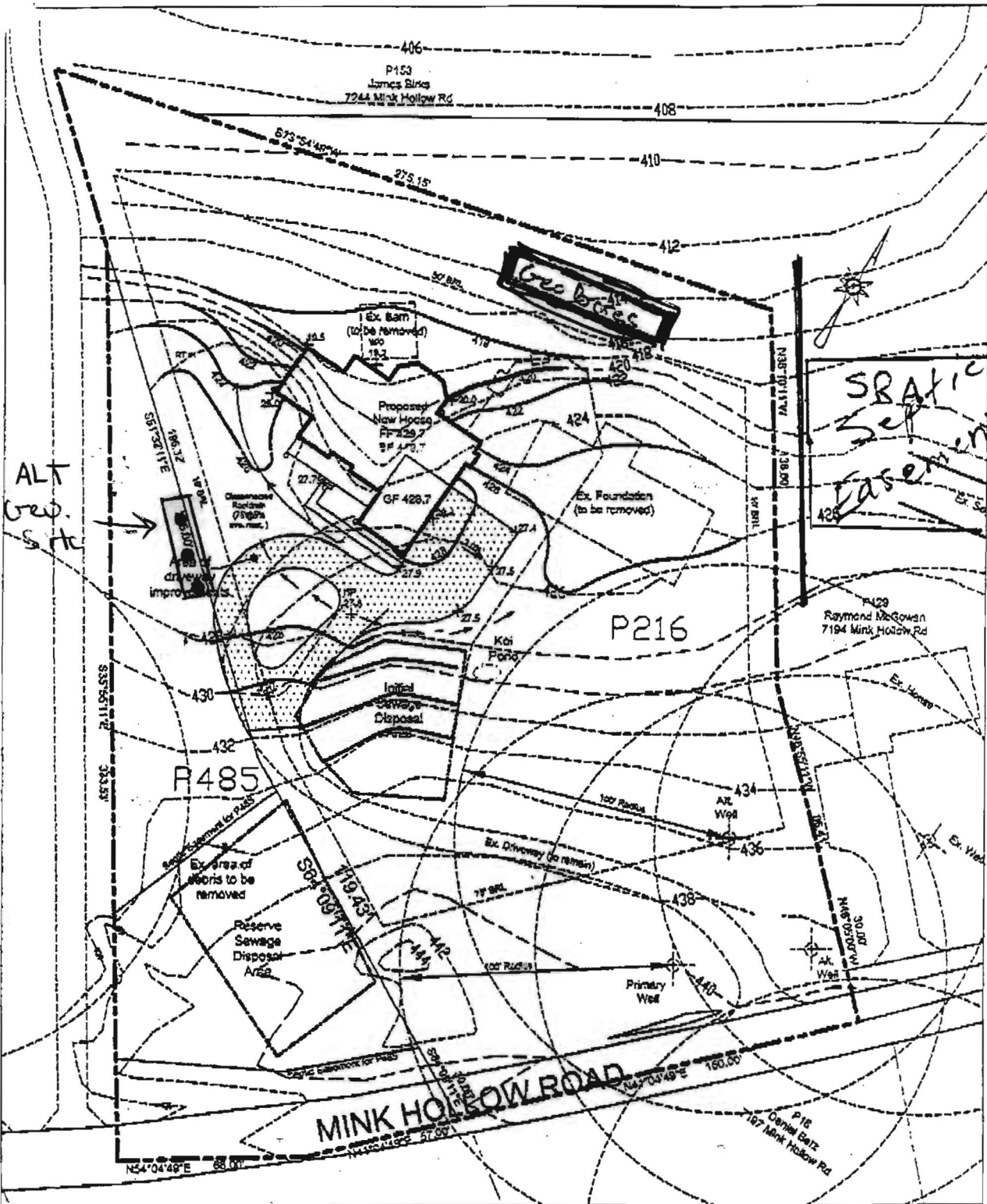
WELL SITE PLAN
 7202 MINK HOLLOW RD.

Scale: 1" = 50'
 Date: 11/15/11

OWNER/APPLICANT:
 FABIAN & CHARLENE DEPRY
 3601 SILVER SPRUCE CIRCLE
 BURTONSVILLE, MD 20866

SOURCE OF TWO-FOOT CONTOUR INTERVAL TOPOGRAPHY:
 THOMAS A. MADDOX, PROFESSIONAL LAND SURVEYOR
 8933 SHADY GROVE CT
 GAITHERSBURG, MD 20877
 301-984-5804

*GeoBore
 Area*



WELL SITE PLAN
7202 MINK HOLLOW RD.

Scale: 1" = 50'
Date: 11/15/11

OWNER/APPLICANT:
FABIAN & CHARLENE DEPRY
3601 SILVER SPRUCE CIRCLE
BURTONSVILLE, MD 20866

SOURCE OF TWO-FOOT CONTOUR INTERVAL TOPOGRAPHY:
THOMAS A. MADDOX, PROFESSIONAL LAND SURVEYOR
8933 SHADY GROVE CT
GAITHERSBURG, MD 20877
301-984-5804

1/5/2012

Revised Borehole Locations



Fredericktowne Labs Inc.

ENVIRONMENTAL TESTING

3020 Ventré Court • P.O. BOX 245 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2366
www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 7248 - 11-1

Field Record

Site visit performed on: Thursday, December 13, 2012 10:30 AM
by: John Hipkins State ID No. 7331JH
Affiliation: Fredericktowne Labs, Inc.
Property Owner: Classic Homes of Maryland
Property Address: 7202 Mink Hollow Road
Highland, MD
Sample Source: Bathroom Sink
Treatment Devices Noted: No Treatment Devices
Sample taken after treatment: No
Well No.: HO-95-2234
Field pH: 7.0
Res. Cl.: <0.1 mg/l

*Results OK
1/17/13 HS*

Laboratory Report

Sample Received at laboratory: 12/13/2012 2:35 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli.(/100ml)	Start		End		Method	Analyst
		Date	Time	Date	Time		
<1	<1	12/13/12	15:15	12/14/12	15:21	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

Inorganic Chemical results:

Parameter	Result	Units	MCL	Date of Analysis	Method	Analyst
Nitrate-Nitrogen	1.0	mg/l	10	12/14/2012	300.0	PH
Sand	<2	mg/l	5	12/13/2012	0.065mm Filter	JD
Turbidity	3.6	NTU	10	12/13/2012	180.1	KB

Reported by: Edlin Mellott 12/17/12
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

**MICHAEL BARLOW WELL DRILLING
522 UNDERWOOD LANE
BEL AIR, MD 21014
410-838-6910**

December 18, 2011

Howard County Health Department
7178 Columbia Gateway Drive
Columbia, MD 21046
Fax: 410-313-2648

Re: 7202 Mink Hollow Road, Highland, Maryland

Dear Department of Environment:

Please note unless otherwise specified all geothermal bores installed by our company will be installed as follows:

Grout: Bentonite Grout 20% solids minimum
Manufacture(s): Baroid or Wyo-Ben
Will be grouted from the bottom to the top with grout material

Piping: Polyethylene SDR 11 160 PSI as recommended per IGSHPA
Manufacture: EnDot or Charter Plastics or equal, Size 1" or 1 1/4"
IGSHPA Certification Number 12687

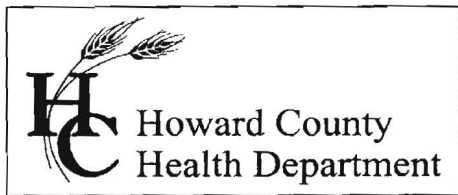
Also attached is a cross section diagram of the bore hole.

We would appreciate your help in getting this permit released as soon as possible so that we can expedite this project. If you have any questions, please do not hesitate to contact me.

Sincerely,



Michael Barlow



Bureau of Environmental Health
7178 Gateway Drive 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. Beilenson, M.D., M.P.H., Health Officer

December 14, 2011

MEMORANDUM

Sent via email charlene.depry@gmail.com

TO: Charlene Depry (Property Owner)

FROM: Kevin M Wolf, R.S., R.E.H.S. 
Well and Septic Program
Groundwater Mgmt. Sec.

RE: 7202 Mink Hollow Road
Highland, MD 20777
M. 40, G. 7, P. 216 - 1.50 AC
(Demolition of Existing Structure - rebuild new house)

This is to advise that the Howard County Health Department recommends issuance of the demolition permit for the above referenced property.

The well that was utilized for this property must be properly located and sealed by a Maryland Licensed Well Driller. Confirmation of this task must be submitted to our office for compliance. The Use and Occupancy will be held up until we receive confirmation from the Well Driller that this task has been completed.

The existing septic system must be capped off, pumped out and abandoned. This process may be completed during demolition. Confirmation of this task must also be submitted to this office in compliance for approval of U & O. Utility records do not show any public connections for water and/or sewer at this point in time.

Please remember that a percolation certification plan has been developed for this property and must be followed for the approval of the new building permit. If any other wells or septic systems are found during site work, you must notify this office immediately.

KMW
Cc: File

**MICHAEL BARLOW WELL DRILLING
522 UNDERWOOD LANE
BEL AIR, MD 21014
410-838-6910**

FAX TRANSMITTAL FORM

DATE: 4/9/12

TO: Brian Baker

COMPANY NAME: _____

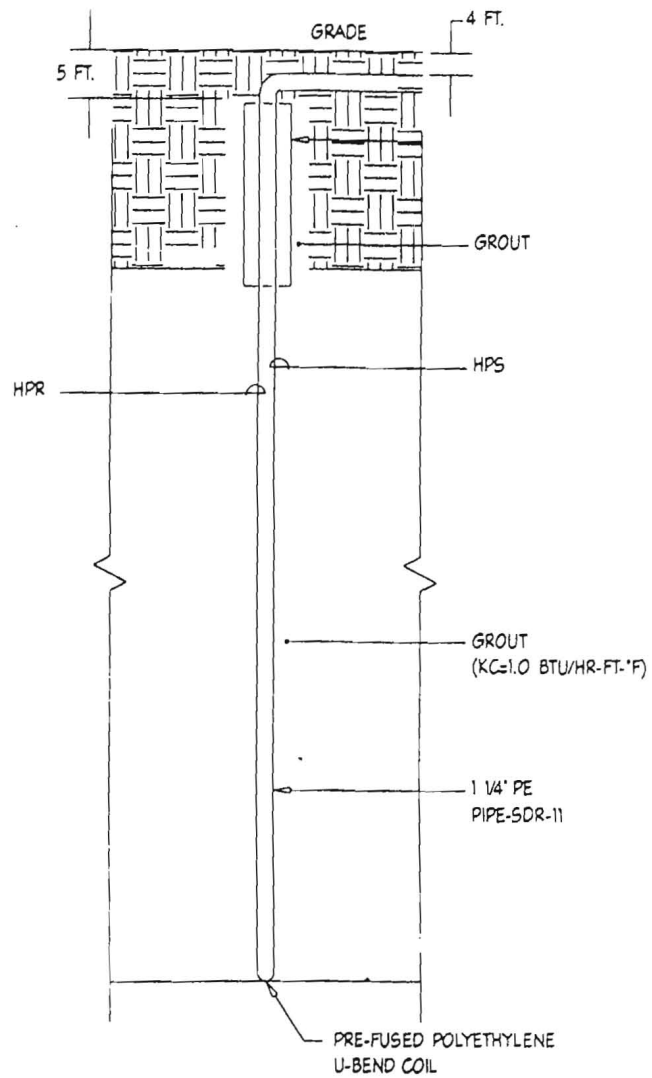
FAX NUMBER: 410-313-2648

RE: 7202 Mink Hollow Road

Number of Pages including cover: 2

Message: Attached is a copy of the site plan for Mink Hollow Rd (HO-95-2237) with an alternate location for the geo bores. Please let me know if they would be acceptable.

Mike Isom



4
M1.00
TYPICAL BORE HOLE DETAIL
NOT TO SCALE