

C1 / 08044 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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER A 513380

ST/CO USE ONLY DATE Received MM DD YY 07 09 13

DATE WELL COMPLETED MM DD YY 10 6 2013

Depth of Well 22 300 26 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" OK B/7/11/5 SC HO - 95 - 2543

OWNER Ruppalt H Matthew WELL SITE ADDRESS 407 West Waterville Rd TOWN Mt. Airy Md 21771 SUBDIVISION SECTION LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 11 NO. OF POUNDS 1034

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 34

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

SCREEN RECORD screen type or open hole insert appropriate code below ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 38 ft. WHEN PUMPING 260 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER INSTALLED PUMP YES 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) + above LAND SURFACE - below 1 (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED YES Y NO N

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

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. MSD 024 DRILLERS SIGNATURE LIC. NO. MSD 027

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

DEPTH (nearest ft.) 33 300 E 8 9 11 15 17 21 C 2 23 24 26 30 32 36 S 38 39 41 45 47 51 R E SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 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

LATITUDE 39.62884 LONGITUDE 77.10933 (DEFAULT COORD. WGS 84)

NOTES: 11 bags / 3.2 = 3.4 bags/10' Storage: 290' - 38' = 252' x 1.5 = 378 gal + 20' (2.5 gal/min) = 678 gal

Date Received (APA) 060513
 8 MM DD YY 13
OWNER INFORMATION
 15 Last Name Ruppalt Bernie + Matthew Owner First Name 34
 36 Street or RFD 467 W. Watersville Rd 55
 57 Town Mt. Airy Md 70 State 72 Zip 76 21771

B 3 **LOCATION OF WELL**
 8 COUNTY Howard 21
 23 SUBDIVISION 42
 SECTION 44 46 LOT 48 50
 52 NEAREST TOWN Mt Airy 71

DRILLER INFORMATION
 Driller's Name Joseph & Maize M 5D024 License No. 81
 Firm Name Joseph & Maize Well Drilling
 Address 5512 Ridge Rd Mt. Airy 21771
 Signature Joseph & Maize Date 6-4-2013

B 4 **SOURCES OF DRILLING WATER**
 1. well
 2.
 3.
 467 W. Watersville Rd
 11 STREET ADDRESS 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH N
 WEST W EAST E
 SOUTH S
 34 185 37
 DISTANCE FROM ROAD FT
 ENTER FT OR MI 38 39
 TAX MAP: 2 BLK: 14 PARCEL 121

B 2 **WELL INFORMATION**
 1 2 APPROX. PUMPING RATE 4
 (GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED 500
 (GAL. PER DAY) 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
 OPEN LOOP GEOTHERMAL
 CLOSED LOOP GEOTHERMAL

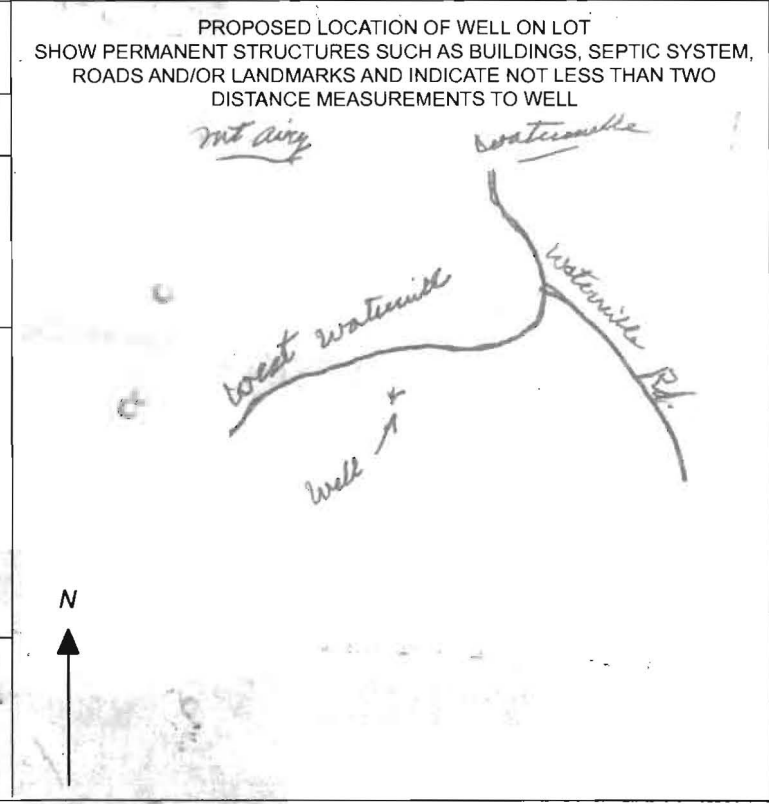
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard (13) A513380-B
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S → 41
 DATE ISSUED 6/5/2013 Brian Baker 6/5/2014
 43 MM DD YY 48 CO SIGNATURE EXP. DATE

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
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVERSE-ROTARY DRIVE-POINT
 other _____

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 (IF AVAILABLE) 41 Ho-73-2005 52

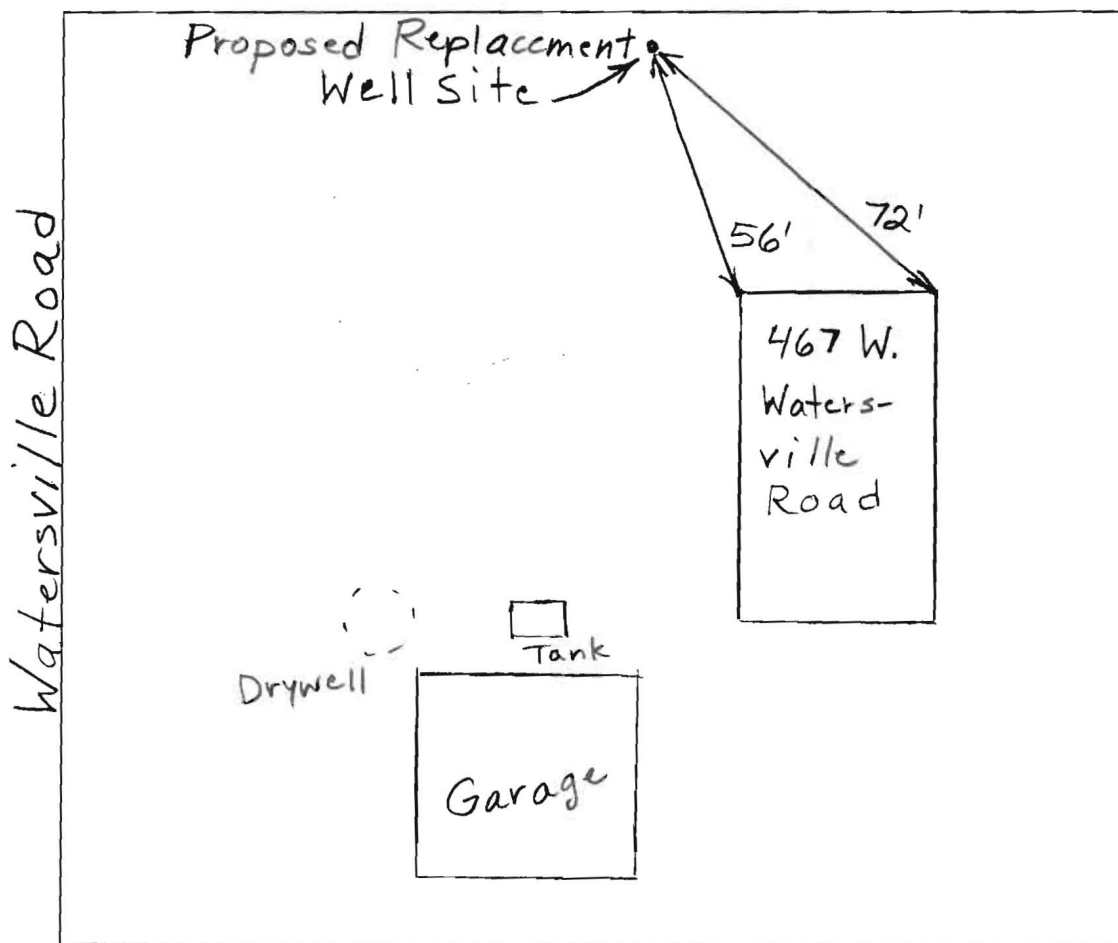
Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER --- G ---
 PERMIT No. Ho-95-2543
 70 71 72 73 74 75 76 77 78 79



SITE INSPECTION SHEET

OWNER: Matthew Ruppalt PHONE #: _____
ADDRESS: 467 W. Watersville Rd, CONTRACTOR: J. Mayne
Mt. Airy, MD 21771 WELL TAG #: HO-95-2543
SUBDIVISION: N/A LOT: _____ COUNTY #: A513380B
PROPOSAL: Replacement Well
Well Has Almost No Yield

LOCATION DIAGRAM



COMMENTS:

Existing well not producing adequate water supply anymore. O.K. to drill replacement well where shown. Abandon/seal existing well.

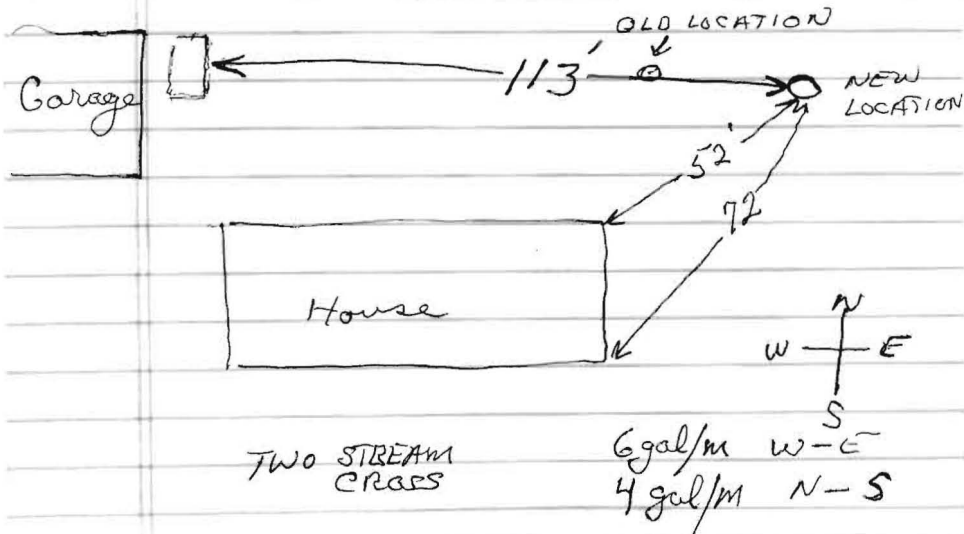
DATE: 6/3/2013

INSPECTOR: B. Baker

Matthew H. Ruppalt 410-795-7330
467 W WATERSVILLE RD MT. AIRY CA 410-598-7779
LIBER 0653 FOLIO# 362

Original Well # HO-73-2005
Drill 1977 By Easterday
300 FT Deep
21 FT Case
1 gal/minute

* Location Check + measured By
HCHD → Brian Baker





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

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

August 12, 2015

Homeowner
467 West Watersville Road
Mt. Airy, MD 21771

RE: **Replacement Well Sampling**
467 West Watersville Road
#HO-95-2543

Dear Homeowner,

According to our records, your replacement well has been connected to the dwelling. We request that you contact the Community Hygiene Program at **(410) 313-1773** to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (*COMAR 26.04.04*). This sampling includes testing for bacteria, nitrates, turbidity, and sand. There is currently **no charge** for the sampling and it is to your benefit to have it tested.

Sampling of the new well should be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment.

If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office.

The existing well (HO-73-2005) must be abandoned and sealed by a licensed well driller as per *COMAR 26.04.04.34*. A well not in use can contribute to pollution of groundwater and pose a risk to people drinking water in the area. Documentation should be submitted by the driller the Health Department that this task has been completed.

Feel free to contact me with any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Sarah Collins'.

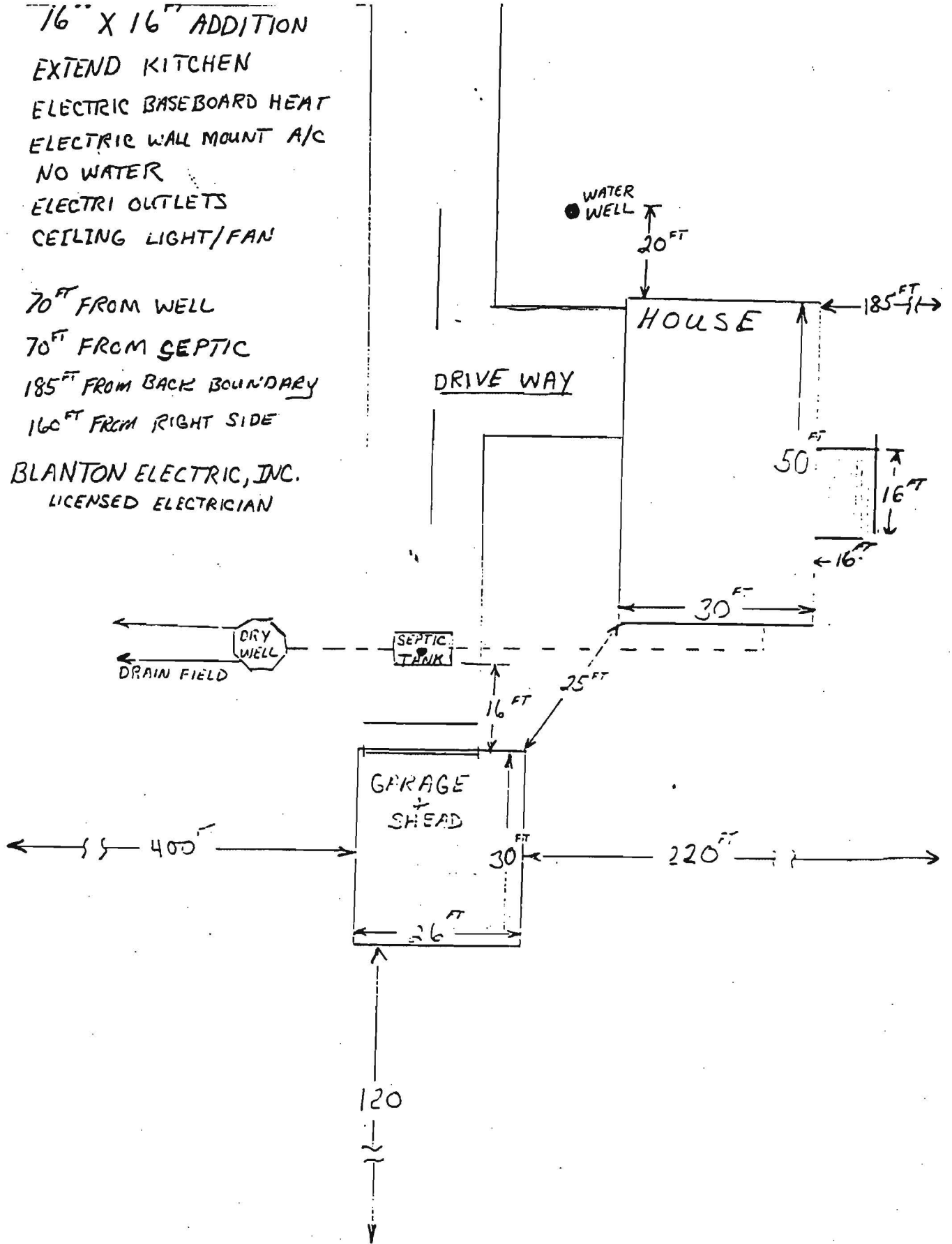
Sarah Collins
Howard County Health Department
Well and Septic Program
SCollins@howardcountymd.gov
410-313-6287

Cc: Community Hygiene Program
File

16" X 16" ADDITION
 EXTEND KITCHEN
 ELECTRIC BASEBOARD HEAT
 ELECTRIC WALL MOUNT A/C
 NO WATER
 ELECTRI OUTLETS
 CEILING LIGHT/FAN

70 FT FROM WELL
 70 FT FROM SEPTIC
 185 FT FROM BACK BOUNDARY
 160 FT FROM RIGHT SIDE

BLANTON ELECTRIC, INC.
 LICENSED ELECTRICIAN



JOSEPH L. MAYNE WELL DRILLING

5512 Ridge Road
MT. AIRY, MARYLAND 21771

3-10-2016

To; Howard County Health Department
Bureau Of environmental Health
8930 Stanford Drive
Columbia , Maryland 21045

From ; Joseph l. Mayne Well Drilling
5512 Ridge Rd.
Mt. Airy, Maryland 21771

RE; Well at- 467 W. Watersville Rd.
Mt. Airy, Md. 21771

I inspected existing well at 467 W. Watersville Rd for
Matthew Ruppalt, owner of well. Mr Ruppalt installed
pump in well to use as stand by well for property.
Pump is in working condition . New well was drilled
6-6-2013. Tag Ho-95-2543.

Yours Truly;

Joseph L. Mayne MSO 024