



HOWARD COUNTY HEALTH DEPARTMENT

68873

DATE
4/23/21

W5

Received From

Allied Environmental Services

PHONE #

For

Well Permit / 7/24 SW

McCaughy

CASH

CHECK

NO.

25363

One hundred sixty

Dollars

\$

160 00

Received By

J Kemp

C1 59099

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.

(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"

OWNER Baines, John + Ruella WELL SITE ADDRESS 7124 SW Millburg TOWN Elkridge SUBDIVISION Grovemont SECTION LOT 54

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 like Top Soil, Orange Clay, Sandstone, Bin Clay, Gravel, Rock Soft Hard, Grey Rock, Blk Rock Soft, Gray 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, Nominal diameter top (main) casing, Total depth of main casing

OTHER CASING (if used) diameter, depth (feet)

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT)

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N and depth values (1-51)

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) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

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

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) YES NO, TYPE OF PUMP INSTALLED PLACE, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LATITUDE 39.22415 LONGITUDE 76.76397 (DEFAULT COORD. WGS 84)

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.

01-285440

EMERGENCY/TEMP NO. IF ANY

TAC = GEO

B 1	SEQUENCE NO. (MDE USE ONLY) 48445	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 508873	STATE PERMIT NUMBER Ho - 20 - 0087 <small>70 fill in this form completely 79</small>
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Date Received (APA) **07/25/21**

8 **07** **25** **21**

OWNER INFORMATION

16 **Barnes Etal John + Buella**

34 Last Name Owner First Name

36 **7124 SW Millbury Ct**

55 Street or RFD

Eikridge MD 21075

57 **Eikridge** 70 State 72 Zip 76

B 3 LOCATION OF WELL

Howard

8 COUNTY **Howard** 21

23 SUBDIVISION **Grovemont A** 42

SECTION **44** 46 LOT **54** 48 50

Eikridge

52 NEAREST TOWN 71

DRILLER INFORMATION

Brett Sweeney M SD 237

76 Driller's Name License No. 81

Allied Well Drilling

Firm Name

PO Box 129 Annapolis Junction MD 2001

Address

[Signature] **04/22/21**

Signature Date

B 4 SOURCES OF DRILLING WATER

1. **Public**

2. **4/27/21**

3. **Quick Grout bentonite**

Lot #10224213.

Hole 1 took 1L bags.

7124 SW Millbury Ct

11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH WEST EAST SOUTH

34 37 DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP: **0031** BLK: _____ PARCEL **0232**

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)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL **2 loops**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME COUNTY NO. **ITM**

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED **04/26/2021** 43 MM DD YY 48 **04/26/2022** 60 SIGNATURE EXP. DATE

Don: 04/26/2021 DOG: 4/27/21

APPROXIMATE DEPTH OF WELL **400** FEET

24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary

JETTED AIR-PERCussion

Jetted & DRIVEN ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROTary DRIVE-POINT

other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39 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 DEEPEM AN EXISTING WELL

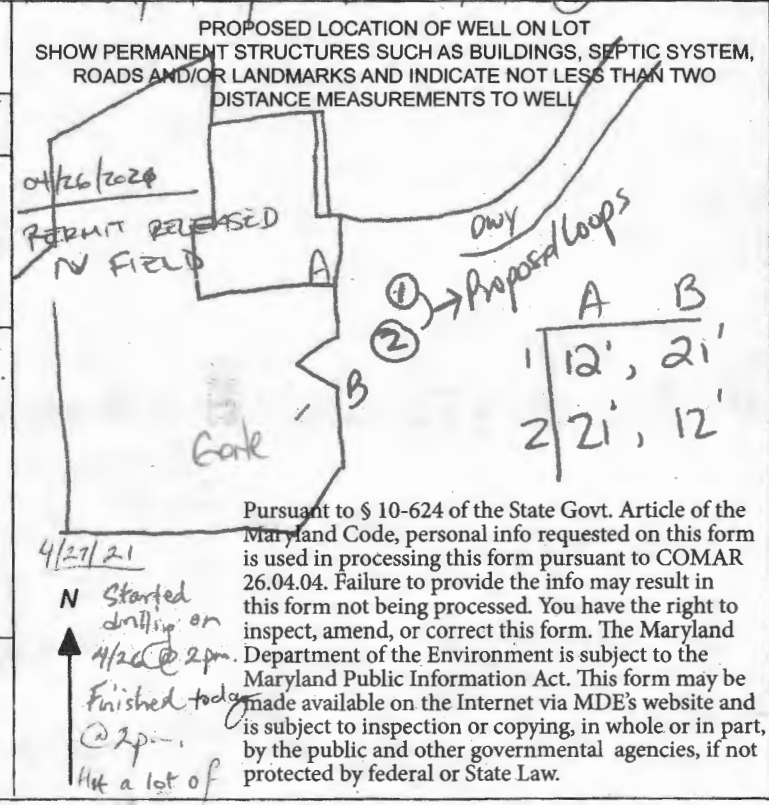
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

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

APPROP. PERMIT NUMBER _____ **G** _____

PERMIT No. **Ho - 20 - 0087**

70 71 72 73 74 75 76 77 78 79



EACH BORE HOLE (TYP.)

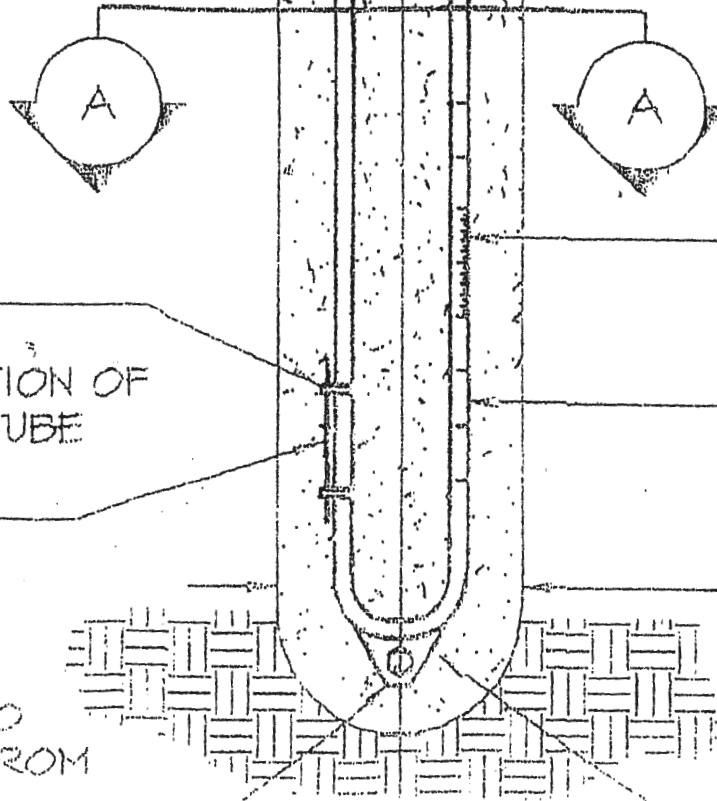
HORIZONTAL BURY
DEPTH 4 FT

FOR CONT.
SEE PLANS

HORIZONTAL
PIPING

GROUT ENTIRE ANNULAR
SPACE AND VERTICAL
U-TUBE WITH (BENTANITE)
GROUT.

BORE DEPTH



DEPTH MARKINGS IN FEET TO
INDICATE DEPTH OF INSERTION

TYPICAL VERTICAL U TUBE
1.5 INCHES

TYPICAL BORE DIAMETER
6.0 INCHES

TYPICAL SOCKET U-BEND

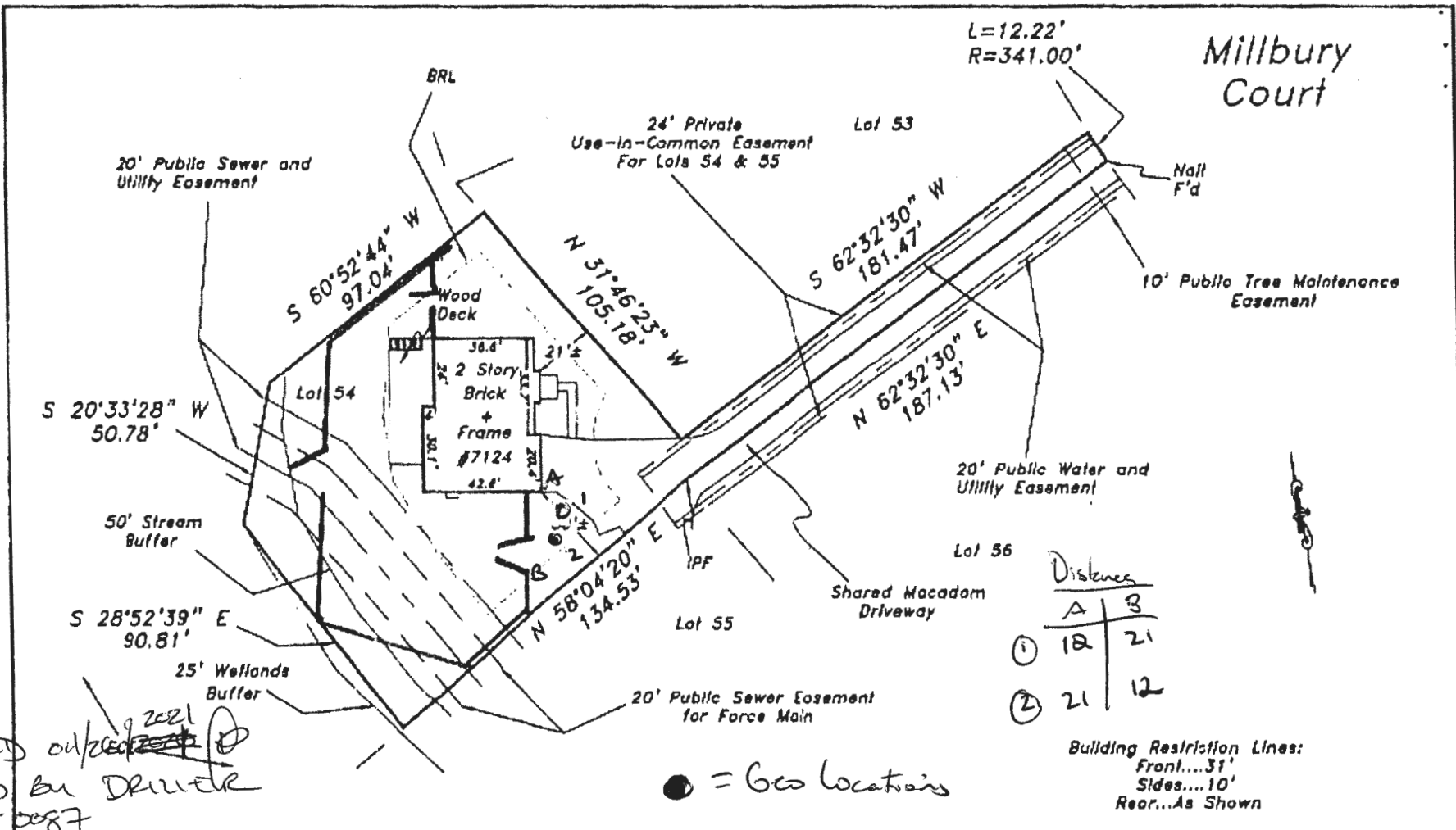
TAPE

5 TO 10 FOOT SECTION OF
REBAR TO GUIDE TUBE
INTO BORE DURING
INSTALLATION

ANCHOR FITTING TO
PREVENT U-TUBE FROM
SURFACING AFTER
INSTALLATION

HOWARD COUNTY GROUTING PROCEDURE

Boreholes will be grouted from the bottom to the top via a tremie pipe and positive displacement pump. Bentonite grout, known as Quik-Grout will be used according to the manufacturer's specifications to achieve a consistency of at least 20% solids (24 gallons potable water/50 lb. sack of grout) and a permeability no more than $2.5 \text{ E}(-08) \text{ cm/sec}$. Grouting will be completed immediately after installing the geothermal loop and no later than twenty-four (24) hours after installing the geothermal loop. Open boreholes/annular space will be protected as necessary to prevent the entry of surface water or pollutants.



APPROVED *ou/dec/2021*
 SIGNED BY DRIVER
 Ho-20-0087

Distances

	A	B
①	12	21
②	21	12

Building Restriction Lines:
 Front....31'
 Sides....10'
 Rear...As Shown

● = Geo Locations

The purpose of this drawing is to locate, describe, and represent the positions of buildings and substantial improvements affecting the property shown hereon, being known as:
 Lot 54,
 GROVEMONT
 recorded among the land records of Howard County, Maryland in Plat 13820

PREPARED FOR:

SAGE TITLE GROUP
 THE WISE CHOICE

This is page one of a two page document. The advice found on the affixed page is an integral part of this drawing, and is not valid without all pages.

James Carl Hudgins
 Property Line Surveyor #96
 Expiration Date: 3/11/16

LOCATION DRAWING
 7124 Millbury Court
 1st ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

NTT Associates, Inc.
 16205 Old Frederick Rd.
 Mt. Airy, Maryland 21771
 Phone: (410) 442-2031
 Fax: (410) 442-1315
 www.nttsurveyors.com

Scale:	1" = 50'
Date:	6-10-15
Field By:	DR
Drawn By:	DR
File No.:	146724HIRS
Page No.:	1 of 2