

C1 65766 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE #2

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 6/9/2022 APPROVED 08/25/2022 Depth of Well 400'

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-20-0166

OWNER Webster P William Trustee WELL SITE ADDRESS 7533 Broadcloth way TOWN Columbia SUBDIVISION Will King's convenience SECTION LOT 577

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 S.H. mica, brown, weathered Rock, Bed Rock, Wissahickon formation, Gray.

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

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. MW D 587 DRILLERS SIGNATURE

LIC. NO. ALD 063

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

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 12 NO. OF POUNDS 600 GALLONS OF WATER 228 DEPTH OF GROUT SEAL (to nearest foot) from 0' to 400'

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 50'

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

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

DEPTH (nearest ft.) 1 40 50 400' A 8 9 11 15 17 21 C 2 H 23 24 26 30 32 36 S 3 R 38 39 41 45 47 51 E N 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

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) N/A PUMPING RATE (gal. per min.) N/A METHOD USED TO MEASURE PUMPING RATE N/A WATER LEVEL (distance from land surface) BEFORE PUMPING N/A WHEN PUMPING N/A TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other 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) N/A PUMP HORSE POWER N/A PUMP COLUMN LENGTH (nearest ft.) N/A

CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE -3 (nearest foot)

LATITUDE 39.162532 LONGITUDE 76.869981 (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. Failure to provide the info. may result in this form not being processed.

C1 65765

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 CQLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE #1

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY

MM DD YY APPROVED 08/25/2022

400' 26 (TO NEAREST FOOT)

HO-20-0166

OWNER Webster P William Trustee WELL SITE ADDRESS 1953 Broadcloth way TOWN Columbia SUBDIVISION Will Kings Containment SECTION LOT 577

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: S.H. mica brown, Weathered Rock, Bed Rock, W. ssah. con formation, Lower Pelitic Schist Cray.

GROUTING RECORD form with fields: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (12), NO. OF POUNDS (600), GALLONS OF WATER (208), DEPTH OF GROUT SEAL (0 to 400).

CASING RECORD form with fields: MAIN CASING TYPE (PL), Nominal diameter (6), Total depth (50).

OTHER CASING (if used) form with fields: diameter, depth.

SCREEN RECORD form with fields: screen type (ST, BR, PL, HO, OT).

PUMPING TEST form with fields: HOURS PUMPED (N/A), PUMPING RATE (N/A), WATER LEVEL (N/A), TYPE OF PUMP USED (S).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y)

CIRCLE APPROPRIATE LETTER: A, E, P

DRILLERS LIC. NO. 1 MW D 507, DRILLERS SIGNATURE, LIC. NO. 1 AW D 063

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

DEPTH (nearest ft.) table with columns 1-21 and rows A-C, S, R, E, N. Includes handwritten values: 50, 400.

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 form with fields: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED PLACE (N/A), CAPACITY: GALLONS PER MINUTE (N/A), PUMP HORSE POWER (N/A), PUMP COLUMN LENGTH (N/A), CASING HEIGHT (N/A).

LATITUDE 39.160414 LONGITUDE 76.869896 (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. Failure to provide the info. may result in this form not being processed.

B 1 779955	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER <u>Ho - 20 - 0166</u> <small>70 fill in this form completely 79</small>
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Date Received (APA)
8 MM DD YY 13
Webster P William Trustee
15 Last Name Owner First Name 34
7553 Broadcloth Way
36 Street or RFD 55
Columbia Md. 21046
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
Howard
8 COUNTY 21
Vill Kings Contrivance
23 SUBDIVISION 42
SECTION 44 46 LOT 577 48 50
Kings Contrivance
52 NEAREST TOWN 71

DRILLER INFORMATION
Stephen Delosh MWD 584
Driller's Name 76 License No. 81
Connolly & Associates Inc.
Firm Name
1513 Tilco Dr. Frederick Md. 21704
Address
Stephen Delosh 3-31-22
Signature Date

B 4 SOURCES OF DRILLING WATER
11 STREET ADDRESS 30
7553 Broadcloth Way
1. Public
2.
3.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
34 160 37
DISTANCE FROM ROAD ENTER FT OR MI FT 38 39
TAX MAP: 0042 BLK: _____ PARCEL: 0062

B 2 WELL INFORMATION
1 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
N/A
2 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20
N/A

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

*4/8/22 - 225' in 20' hole
1100' 40'
45' casing (2)*

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME COUNTY NO. 21
STATE SIGNATURE _____ INSERT S → 41
DATE ISSUED 04/07/2022 43 MM DD YY 48 CO SIGNATURE _____ EXP. DATE 04/23/2023
Don 4/7/22 20 ft. 4/9/22 (S)

APPROXIMATE DEPTH OF WELL 400 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 _____

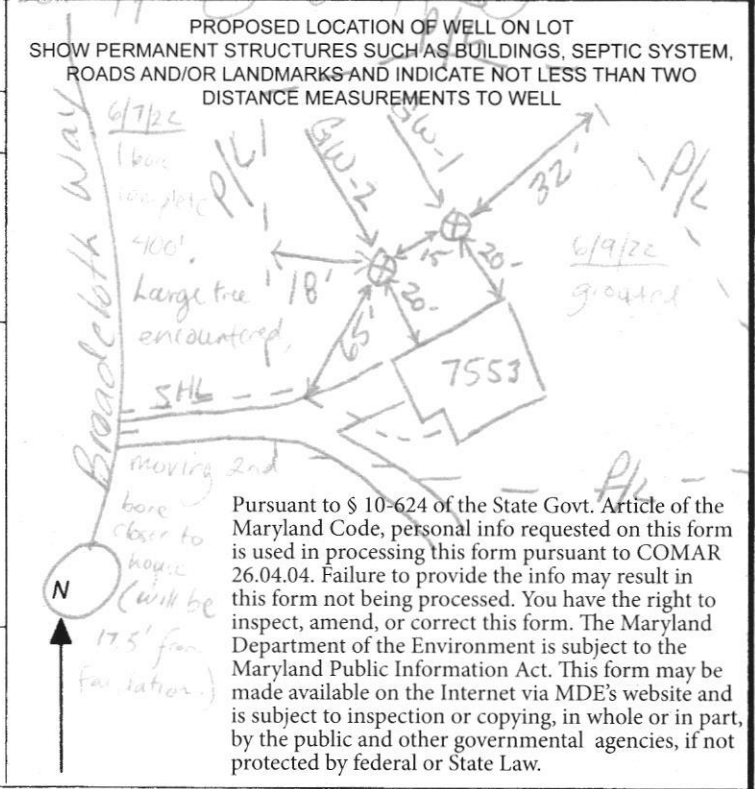
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- 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 _____ 52

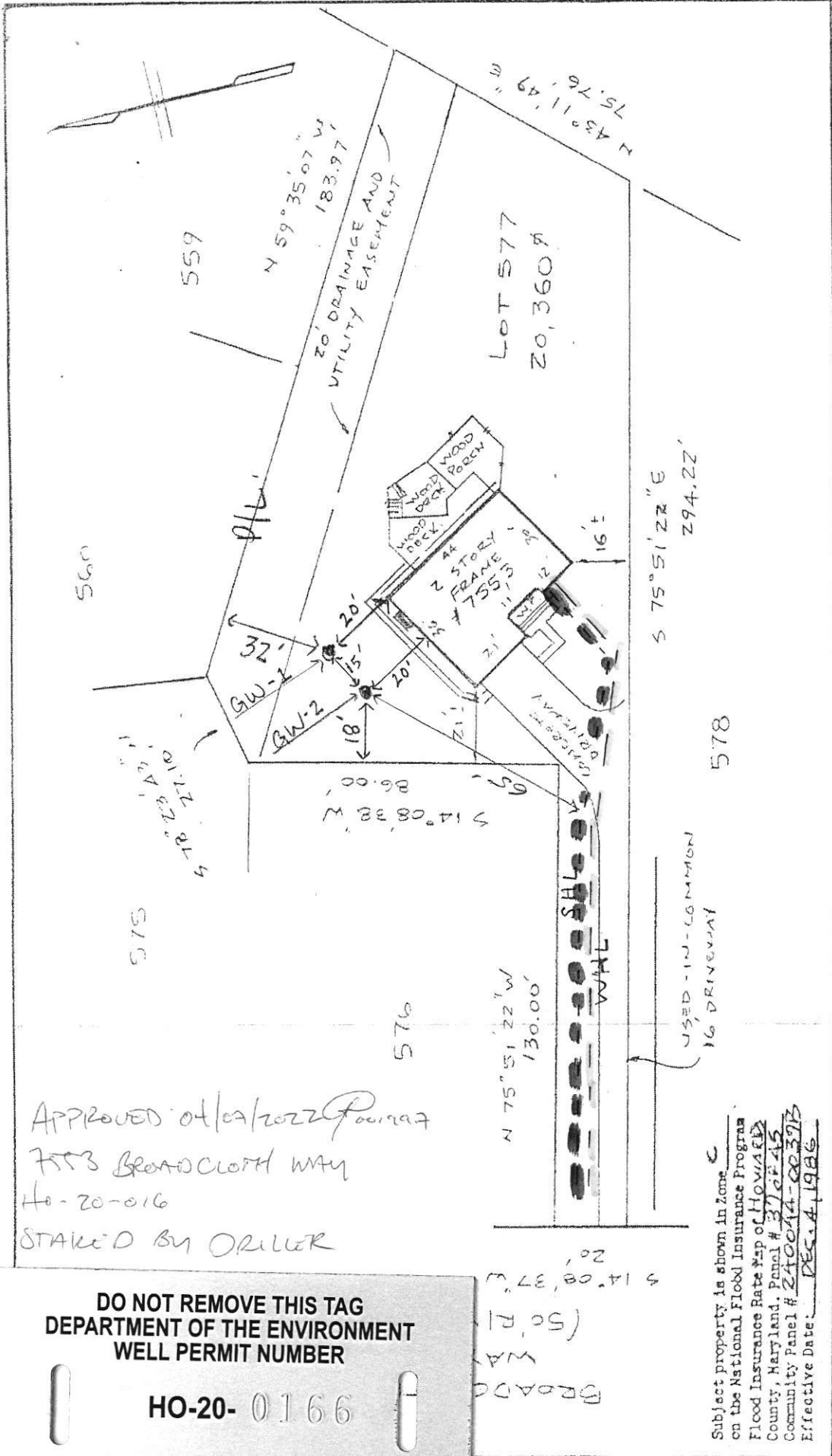
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER _____ G _____
PERMIT No. Ho - 20 - 0166
70 71 72 73 74 75 76 77 78 79



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. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.

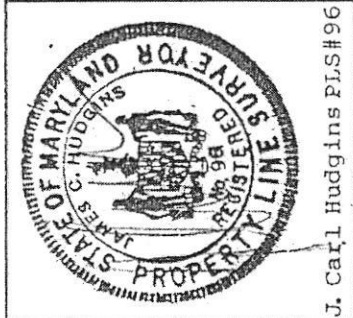
SPECIAL CONDITIONS
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED- CALL IN ALL DRILLING ACTIVITIES



LOCATION SURVEY
 7553 BROADCLOTH WAY
 COLUMBIA
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MD.

NTT ASSOCIATES, INC.
 16205 Old Frederick Road
 Mt. Airy, Maryland 21771
 Phone 442-2031

Scale 1" = 46'
 Date OCT. 13, 1994
 Field By JL
 Drawn By JL
 Drawing # X 16938



J. Carl Hudgins PLS#96

This is to certify that I have surveyed the property known as LOT 577 7553 BROADCLOTH WAY sheet of recorded PLAT NO. 5801 among the Land Records of HOWARD County, Maryland for the purpose of locating the improvements thereon.

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE CONTAINED WITHIN THE OUTLINES OF THE LOT AND IS NOT TO BE USED TO ESTABLISH PROPERTY LINES.

APPROVED 04/02/2022 Permit
 7553 Broadcloth Way
 HO-20-016
 STAKED BY ORILLER

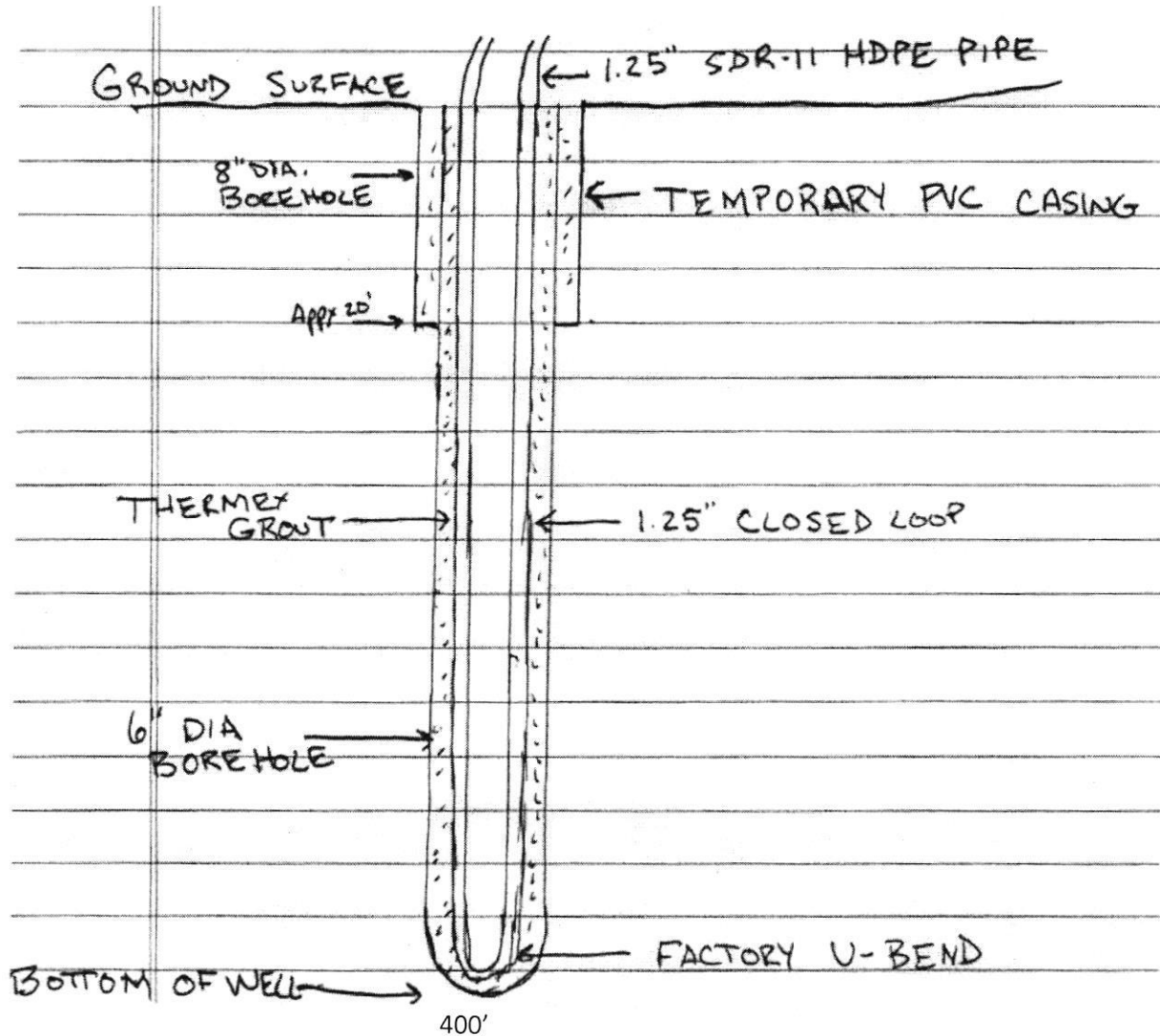
DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER

HO-20-0166

INFORMATION - GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND 21230

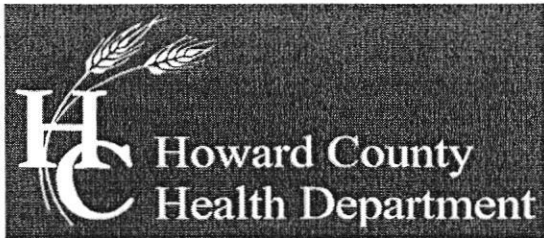
Subject property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of HOWARD County, Maryland. Panel # 370745 Community Panel # 240044-00373 Effective Date: DEC. 4, 1986

Webster Residence: 7553 Broadcloth Way Columbia, Md. Geothermal Closed Loop



Grout information for this property is as follows:

Well Grout DF grout mixture of 50 lb. grout to 19 gallons water, placed in the well using the tremie method, from bottom to top.



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

Twitter: HowardCoHealthDep

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

Howard County
APR 10 2022
Environmental Health

TO ALL INTERESTED PARTIES

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

Well Site Location:

Vill Kings Contrivance 577 Broadcloth Way
Subdivision/Property Name Lot # Road Name

The well site has been staked by _____
(professional land surveyor or company employing professional land surveyors)
on _____ (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.

RECEIPT

Howard County, MD
HOWARD COUNTY HEALTH DEPARTMENT
ASCEND ONE BUILDING
Columbia, MD 21045
8930 STANFORD BLVD

Application: WS-SP-APP-22-00064
Application Type: EnvHealth/Well and Septic/Sewage Disposal System/Application
Address: 7553 Broadcloth WAY, Columbia, MD 21046

Receipt No. 3401

Payment Method **Ref Number** **Amount Paid** **Payment Date** **Cashier ID** **Received** **Comments**

Cash \$160.00 04/06/2022 JUKING Original fee was paid incorrectly for \$396.00 refunding \$236.00 leaving payment for well permit as \$160.00

Owner Info.: Webster P. William
7553 Broadcloth Way
Columbia, MD 21046

Work Description: