

67 MB 11/24/25

B 1 194801 SEQUENCE NO. (MDE USE ONLY) **STATE OF MARYLAND** STATE PERMIT NUMBER
APPLICATION FOR PERMIT TO DRILL WELL **HO - 25 - 0038**
 please type **5891607** **70 fill in this form completely 79**

OWNER INFORMATION
 Date Received (APA) **08/17/25**
 8 MM DD YY 13
 15 Last Name **Andrucyk** Owner **Dennis** First Name **Jeremy** 34
 13409 Green Hill Ct
 36 Highland MD 20770
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
 Howard
 8 COUNTY 21
 Cortina Highlands 1002
 23 SUBDIVISION 42
 SECTION 44 46 LOT 2 48 50
 Highland
 52 NEAREST TOWN 71

DRILLER INFORMATION
 Wesley Wolfe MW D 598
 Driller's Name 76 License No. 81
 Allied Drilling LLC
 Firm Name
 P.O. Box 129 Annapolis Junction MD 20701
 Address
 Wesley A Wolfe 08/15/28
 Signature Date

B 4 SOURCES OF DRILLING WATER
 1. Public
 2. On-site
 3. No rigor driller.
 Called WES - will be onsite after 3 to start drilling.
 11 STREET ADDRESS 30
 3409 NW Green Hill Ct
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 34 52' 37
 DISTANCE FROM ROAD
 ENTER FT OR MI 38 39
 TAX MAP: 0034 BLK: _____ PARCEL: 0059

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20
 10/28/25
 Driller's down 300'

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
 10/28/25 Driller completed
 15 bags of
 16/29/25 - 50' casing on both bore were pulled loops dropped, 15 bags of gravel in back bore bedrock @ 77' no fractures, no water 2 loops

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME **Howard** COUNTY NO. **13**
 STATE SIGNATURE _____ INSERT S → 41
 DATE ISSUED **08 27 25**
 43 MM DD YY 48
 CO SIGNATURE **Mattie Brown** EXP. DATE **8-27-26**
 DON: 10/21/25 DOG: 10/25/25 @ 10/29/25

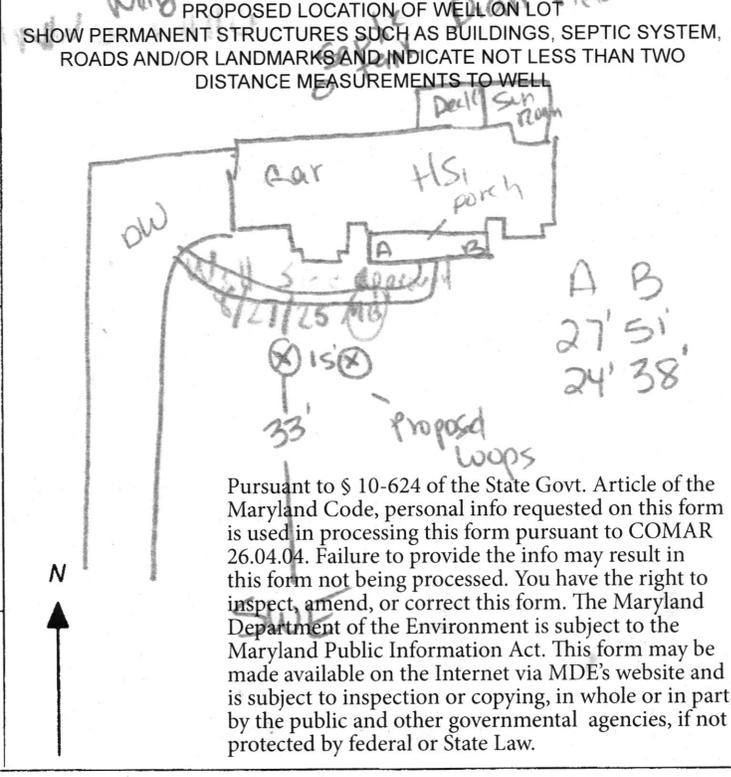
APPROXIMATE DEPTH OF WELL **400** FEET
 24 28

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 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 - 25 - 0038**
 70 71 72 73 74 75 76 77 78 79



SPECIAL CONDITIONS Please notify office of all drilling activities Wells must be grouted to the bottom of the hole. (MB)
 NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

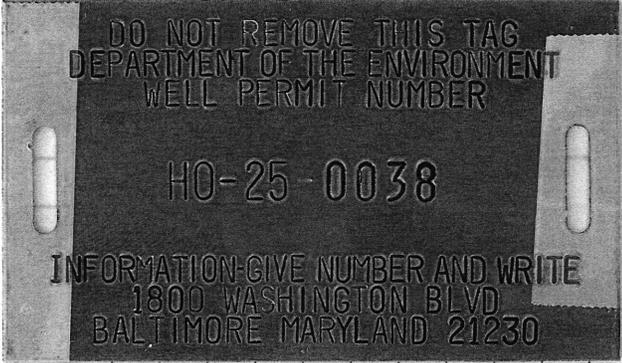
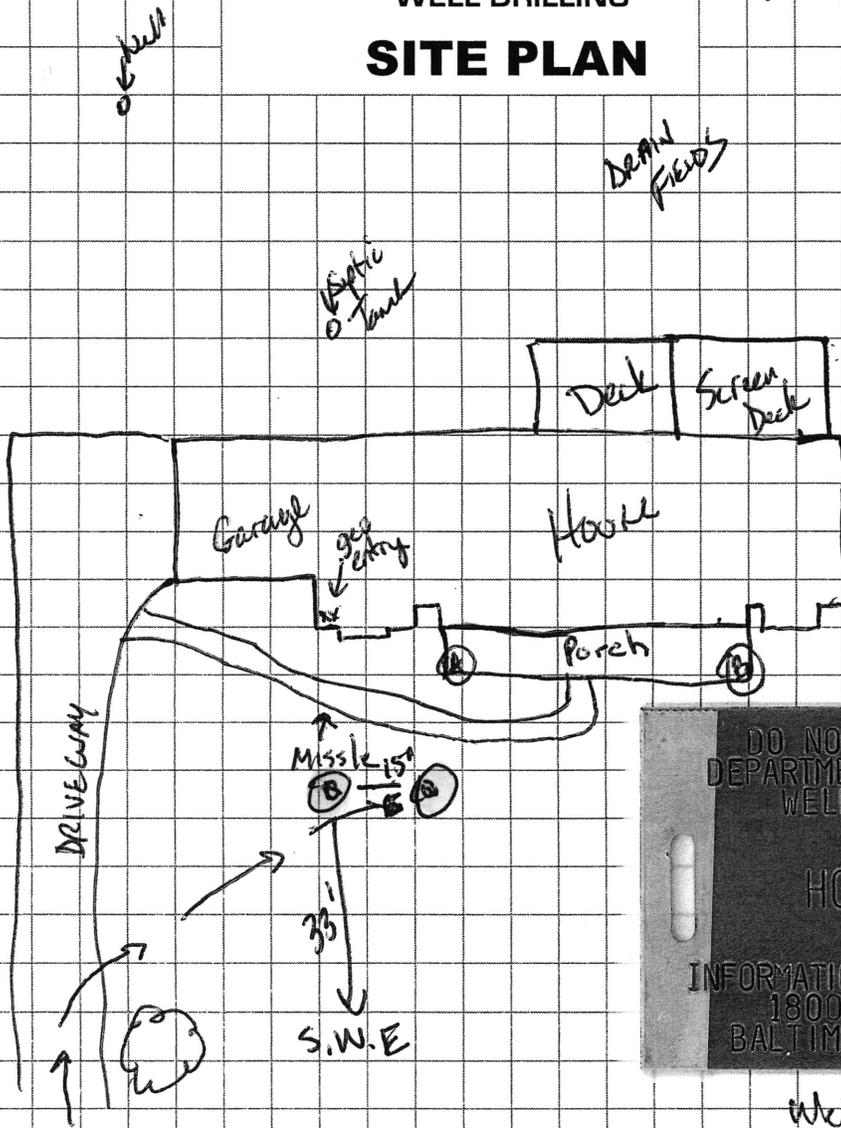
WS-WP-25-02545

A B
27' 5'
24' 38'



13409 Green Hill CT
Highland Md
2 wells @ 400' each
closed loop geothermal

SITE PLAN



Well site approval
8/27/25 MB

Sediment Control Protocol: SILT Fence

Distance From House: 24' +/- TO PORCH
 From Septic: 50' +/- (IN REAR)
 From Sewer: N/A
 From Property Line: 33' TO FRONT S.W.E
 From Street: 52'

Trees Nearby: NO
 Utility Issues: _____
 Mats Needed: _____
 Access For H/U: Yes, Missile
 Neighboring Tags: _____

Comments: Mat fig in Around Trap end of Driveway.
Missile under sidewalk, Hand dig foundation to seal pipes

Person Completing Form: Wes Wolfe



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., 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:

Well Site Location:

Cortina Highlands 2 13409 NW Greenhill Ct
Subdivision/Property Name Lot # Road Name

The well site has been staked by Wesley Wolfe
(professional land surveyor or company employing professional land surveyors)
on 08/20/25 (date)

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 9/20/21

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.

GRADE

EACH BORE HOLE (TYP.)

GRADE

HORIZONTAL BURY

DEPTH 4 FT

FOR CONT.
SEE PLANS

HORIZONTAL
PIPING

BORE DEPTH

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

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

