

C1 71891

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

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, WELL SITE ADDRESS, TOWN, SUBDIVISION, SECTION, LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth of main casing

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

SCREEN RECORD: screen type or open hole, insert appropriate code below, DEPTH (nearest ft.)

PUMPING TEST: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED

PUMP INSTALLED: DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED PLACE, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

NUMBER OF UNSUCCESSFUL WELLS, WELL HYDROFRACTURED

CIRCLE APPROPRIATE LETTER: A, E, P

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

DRILLERS LIC. NO., DRILLERS SIGNATURE, LIC. NO.

Table with columns: E, A, C, H, S, C, R, E, N and rows for well depth and slot size

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

LATITUDE 39.26511, LONGITUDE 77.43611 (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.

HO-20-0251

A B
39 28
30 38



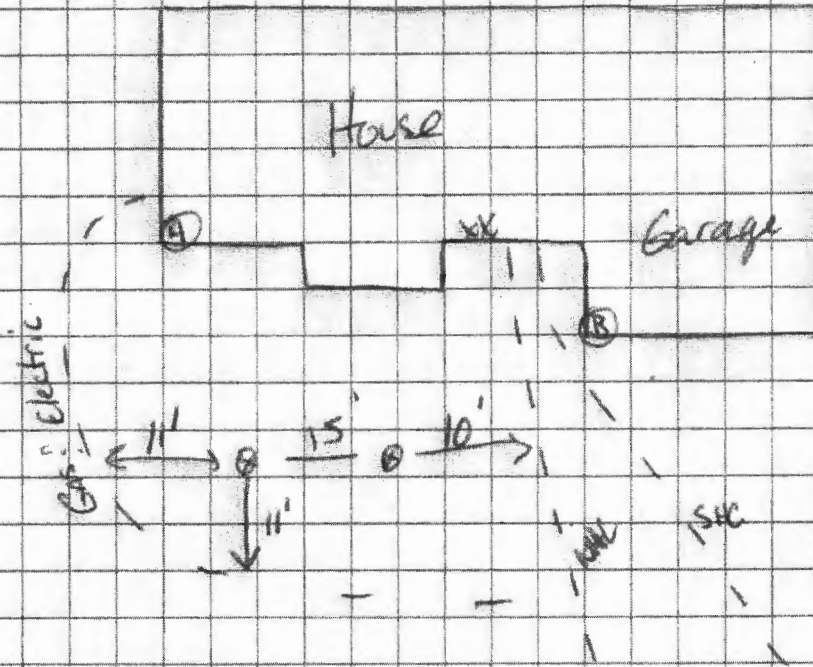
3801 BAUNDEL CT
Ellicott City Md

2 @ 400', 1.25"
closed loop geothermal

Well site OK
SP 1/19/23

Revised 1/18/23

MoCo Health Report
JAN 19 2023
Environmental Health



Sediment Control Protocol: SILT Fence

Distance From House: 28'

From Septic: N/A

From Sewer: 17'

From Property Line: 25'

From Street: 32' TO SW 40' TO ROAD

Trees Nearby: NO

Utility Issues: ALL MARKED

Mats Needed: Yes

Access For H/U: Yes

Neighboring Tags: See Camps

Comments: Missile under sidewalk ; Landscaping

Person Completing Form: Wes Walker

GRADE

EACH BORE HOLE (TYP.)

MINIMUM
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

TAPE

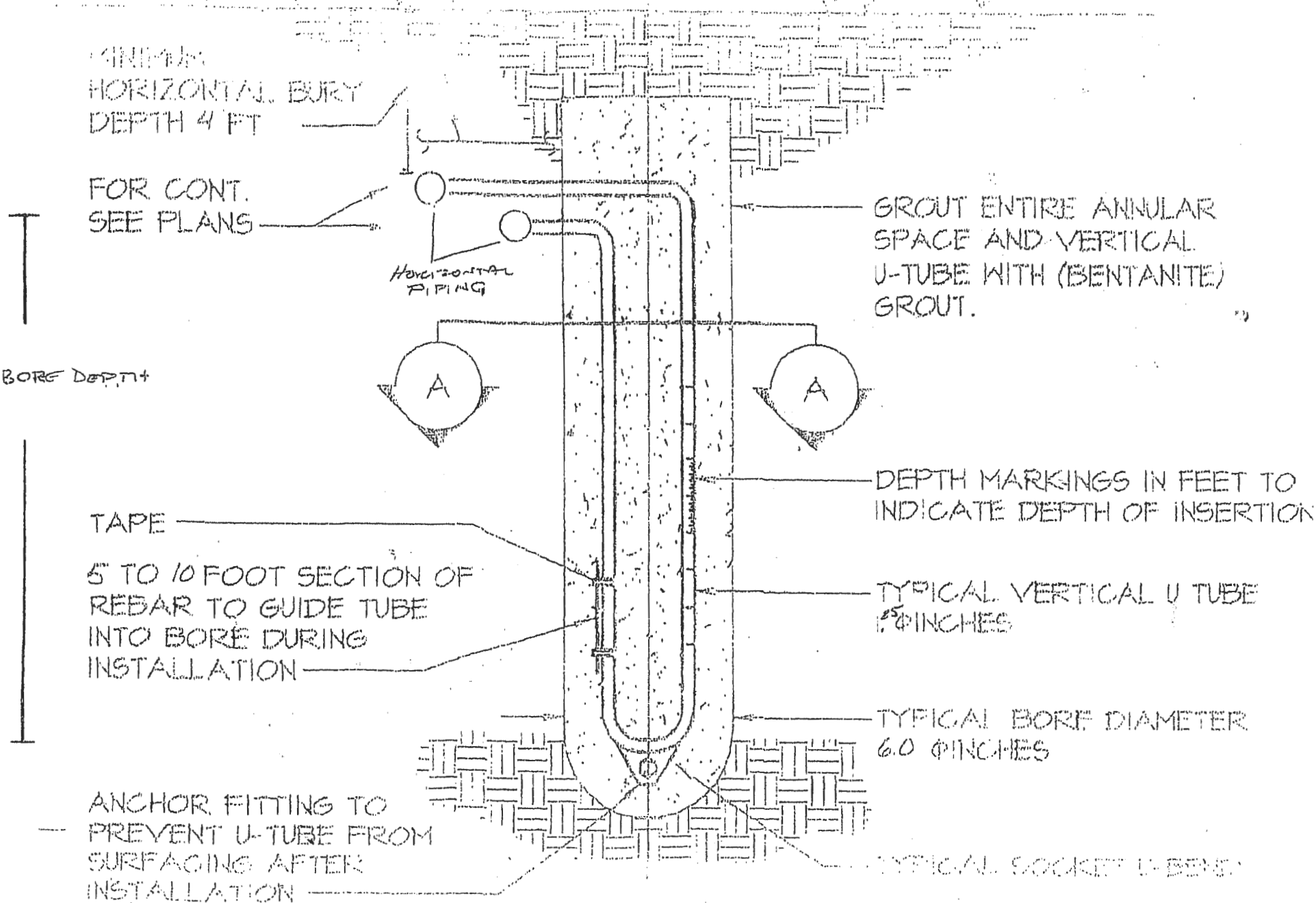
5 TO 10 FOOT SECTION OF
REBAR TO GUIDE TUBE
INTO BORE DURING
INSTALLATION

TYPICAL VERTICAL U TUBE
1.5 INCHES

TYPICAL BORE DIAMETER
6.0 INCHES

ANCHOR FITTING TO
PREVENT U-TUBE FROM
SURFACING AFTER
INSTALLATION

TYPICAL SOCKET U-BEND



HOWARD COUNTY GROUTING PROCEDURE

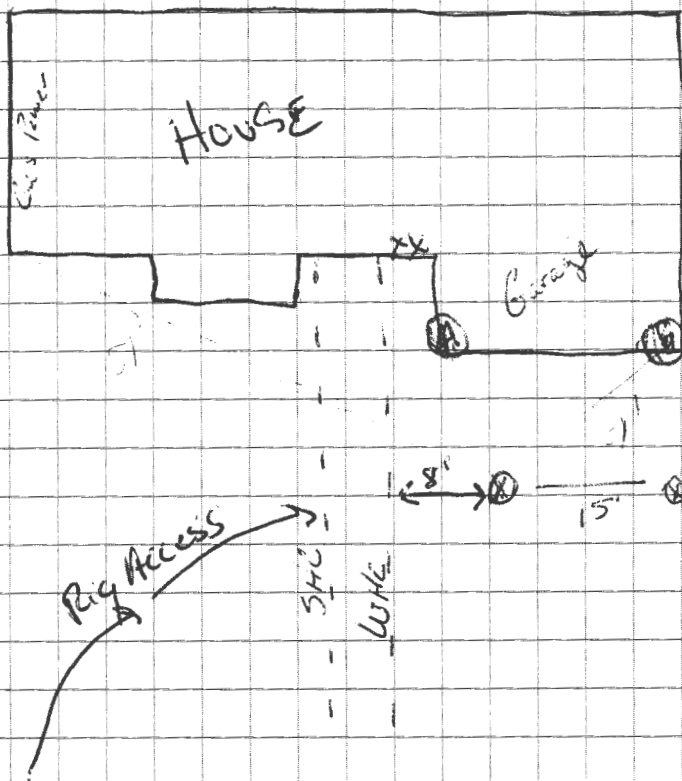
Boreholes will be grouted from the bottom to the top via a tremie pipe and positive displacement pump. Bentonite grout, known as Quik-Grout will be used according to the manufacturer's specifications to achieve a consistency of at least 20% solids (24 gallons potable water/50 lb. sack of grout) and a 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.

A B
30' 35"
24' 30"



3801 Boulder Ct
Ellicott City Md

2 @ 400' 1.25"
Close loop geothermal



Sediment Control Protocol: SILT FENCE

Distance From House: 24'
From Septic: N/A
From Sewer: 13'
From Property Line: 30'
From Street: 39'

Trees Nearby: NO
Utility Issues: Yes. Elec To light post
Mats Needed: YES
Access For H/U: YES
Neighboring Tags: See Comps

Comments: _____

Person Completing Form: Wes Wolfe

RECEIPT

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

Application: WS-WP-22-03656
Application Type: EnvHealth/Well and Septic/Installation/Application
Address:

Receipt No.	5375					
Payment Method	Ref Number	Amount Paid	Payment Date	Cashier ID	Received	Comments
Check	72711	\$160.00	11/30/2022	JUKING		Receipt # 72711
Work Description:	Well permit					