

C 1 19349

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 10-23-13

Depth of Well 240 (TO NEAREST FOOT)

3/5/2014

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-95-2597

OWNER Denna Christopher M WELL SITE ADDRESS 8640 Worn Mt Way TOWN Columbia MD

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Red Bin Clay, Soft Gray Rock, Gray Rock.

GRROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

CASING RECORD MAIN CASING TYPE 60 61 63 64 66 70

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

SCREEN RECORD screen type or open hole (insert appropriate code below)

DEPTH (nearest ft.) table with columns 1-11 and rows A, C, H, S, R, E, N

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

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

LATITUDE 39.211037 LONGITUDE 76.809912 (DEFAULT COORD. WGS 84) NOTES: Deck

B 1	21267	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 545158 please type	STATE PERMIT NUMBER Ho - 95 - 2597 fill in this form completely
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Date Received (APA) 10 02 13

OWNER INFORMATION

8 MM DD YY 13

15 Last Name Christopher M Owner First Name 34

36 Street or RFD 8640 Worn Mountain Way 55

57 Town Columbia Md 70 State 21045 72 Zip 76

LOCATION OF WELL

8 COUNTY Howard 21

23 SUBDIVISION Village of Long Reach 42

SECTION 44 46 LOT 7 48 50

52 NEAREST TOWN Columbia 71

DRILLER INFORMATION

Driller's Name C John Hess MWD 553 76 License No. 81

Firm Name Allied Environmental Svcs

Address PO Box 139, Annap Jane 20701

Signature C John Hess Date 9/30/13

SOURCES OF DRILLING WATER

1. Public

2.

3.

11 STREET ADDRESS 8640 Worn Mountain Way 30

CIN WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 37 DISTANCE FROM ROAD

ENTER FT OR MI 38 39

TAX MAP 0037 BLK 0001 PARCEL 0658

WELL INFORMATION

1 2 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)

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 13 COUNTY NAME COUNTY NO.

STATE SIGNATURE Howard M. Way INSERT S 41

DATE ISSUED 10/8/13 43 MM DD YY 48 CO SIGNATURE EXP. DATE 11/8/14

APPROXIMATE DEPTH OF WELL 240 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL

N ↑

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)

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 - 95 - 2597 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED-

2062

1307.0958

LOCATION DRAWING

LOT 7

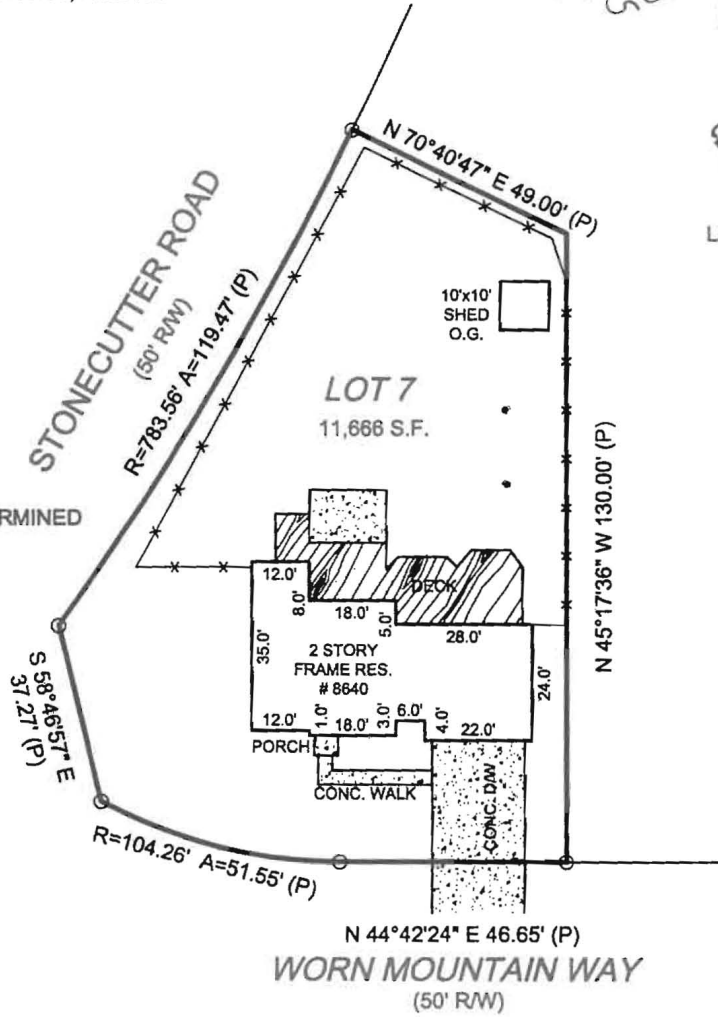
COLUMBIA VILLAGE OF LONGREACH, SECTION 1, AREA 12

HOWARD COUNTY, MARYLAND

07-15-2013 SCALE 1"=40'



NOTE - FENCE OWNERSHIP NOT DETERMINED



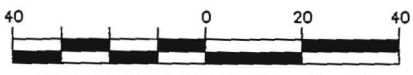
10/9/13
Geo. Dorris OK.
-Kroboth

Public H₂O,
Sewer

LOT 8



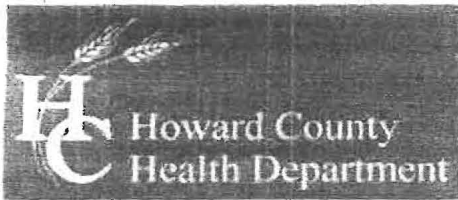
John E. Kroboth
EXPIRES 5-26-2014



GRAPHIC SCALE (In Feet)

1 inch = 40' ft.

ACCURACY=3±



Bureau of Environmental Health
 7178 Columbia Gateway Drive, Columbia, MD 21086-2147
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

We are submitting a well permit application for a proposed well for new construction. The proposed well is one of the following:

Well Site Location:			
<i>Village of Long Reach</i>	<i>7</i>	<i>Worm Mountain Way</i>	
Subdivision/Property Name	Lot#	Road Name	

The well site has been staked by *Allied*
 professional land surveyor or company employing professional land surveyors,
 on *9/27/13* date and does not require a State 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 direct well permit application.

Revised 3.11.05

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.

*1 1/4" Diameter Piping.
- 240' length.
6" bore Diameter.*

Baroid

BORE DEPTH 240'

TAPE

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

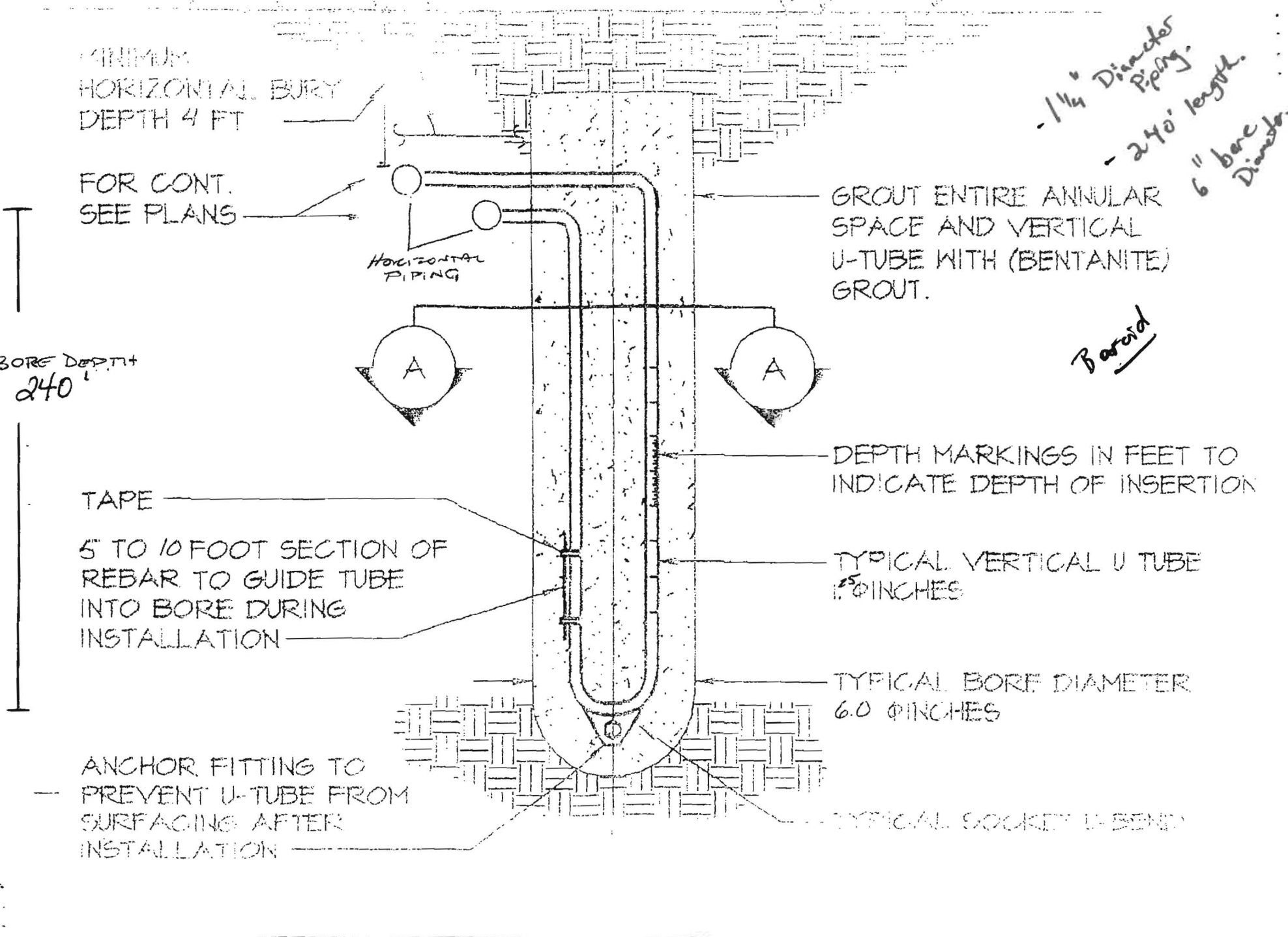
DEPTH MARKINGS IN FEET TO INDICATE DEPTH OF INSERTION

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 HEALTH DEPARTMENT

45158

CODES

DATE

10/2/13

625

CASH

CHECK

NO.

Received From

Allied Environmental

For

Well Permit - 8640 Wagon
Houster

10262

One hundred sixty ⁴⁴/₁₀₀ Dollars

\$

100 | 00

Received By

G King