

C1 20781

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 Jones, Andrew Sully; WELL SITE ADDRESS 6305 E Haviland Mill Rd; TOWN Clarksville

WELL LOG Not required for driven wells

GROUTING RECORD YES NO; WELL HAS BEEN GROUTED

C 3 PUMPING TEST

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 Top Soil, Ben Soil, Red Ben Soil, etc.

TYPE OF GROUTING MATERIAL (Circle one); CEMENT CM, BENTONITE CLAY BC

HOURS PUMPED (nearest hour); PUMPING RATE (gal. per min.); METHOD USED TO MEASURE PUMPING RATE

DEPTH OF GROUT SEAL (to nearest foot); CASING RECORD

WATER LEVEL (distance from land surface); BEFORE PUMPING; WHEN PUMPING; TYPE OF PUMP USED

MAIN CASING TYPE; Nominal diameter top (main) casing; Total depth of main casing

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

PUMP INSTALLED; DRILLER INSTALLED PUMP (CIRCLE) (YES or NO)

SCREEN RECORD; screen type or open hole; insert appropriate code below

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS; TYPE OF PUMP INSTALLED; CAPACITY: GALLONS PER MINUTE

NUMBER OF UNSUCCESSFUL WELLS; WELL HYDROFRACTURED

DEPTH (nearest ft.) table with columns 1-21 and rows E, A, C, H, S, C, R, E, N

PUMP HORSE POWER; PUMP COLUMN LENGTH (nearest ft.); CASING HEIGHT

CIRCLE APPROPRIATE LETTER; A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

SLOT SIZE 1 2 3; DIAMETER OF SCREEN (NEAREST INCH)

LAND SURFACE (nearest foot); LATITUDE 39.18462; LONGITUDE 76.99377

DRILLERS LIC. NO. MWD 553; DRILLERS SIGNATURE

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

LIC. NO. WRD 097; SITE SUPERVISOR

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

TELESCOPE CASING; LOG INDICATOR; OTHER DATA

NOTES: Geob's x x

B 1 29054

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO - 14 - 0016

fill in this form completely

546353 please type

Date Received (APA)

05/09/14

OWNER INFORMATION

Jones Andrew + Sally
6805 Haviland Mill Road
Clarksville MD 21029

B 3

LOCATION OF WELL

Howard
Clarksville

DRILLER INFORMATION

C John Hess
Allied Environmental Services
P.O. Box 129 Annapolis Junction MD 20701

B 4

SOURCES OF DRILLING WATER

Public

6805 E Haviland Mill Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD
ENTER FT OR MI

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard
COUNTY NAME
COUNTY NO.
STATE SIGNATURE
DATE ISSUED
CO SIGNATURE
EXP. DATE

APPROXIMATE DEPTH OF WELL 375 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered)
JETTED
Jetted & DRIVEN
AIR-ROTARY
AIR-PERCussion
ROTARY (Hydraulic Rotary)
CABLE
REVERSE-ROTARY
DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

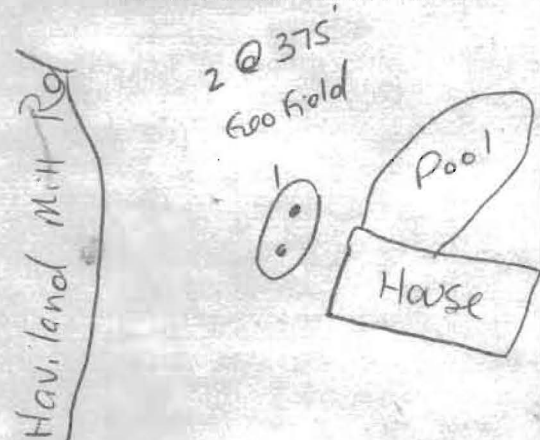
- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEMED AN EXISTING WELL

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

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

APPROP. PERMIT NUMBER
PERMIT No. HO - 14 - 0016

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

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

ORDERED BY:



8120 Woodmont Ave #550 Bethesda, Maryland 20814
240-483-0284



PROPERTY ADDRESS: 6805 HAVILAND MILL ROAD CLARKSVILLE, MARYLAND 21029

SURVEY NUMBER: MD1308.2305

FIELD WORK DATE: 8/22/2013

REVISION HISTORY: (REV.0 8/23/2013)

MD1308.2305

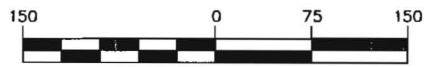
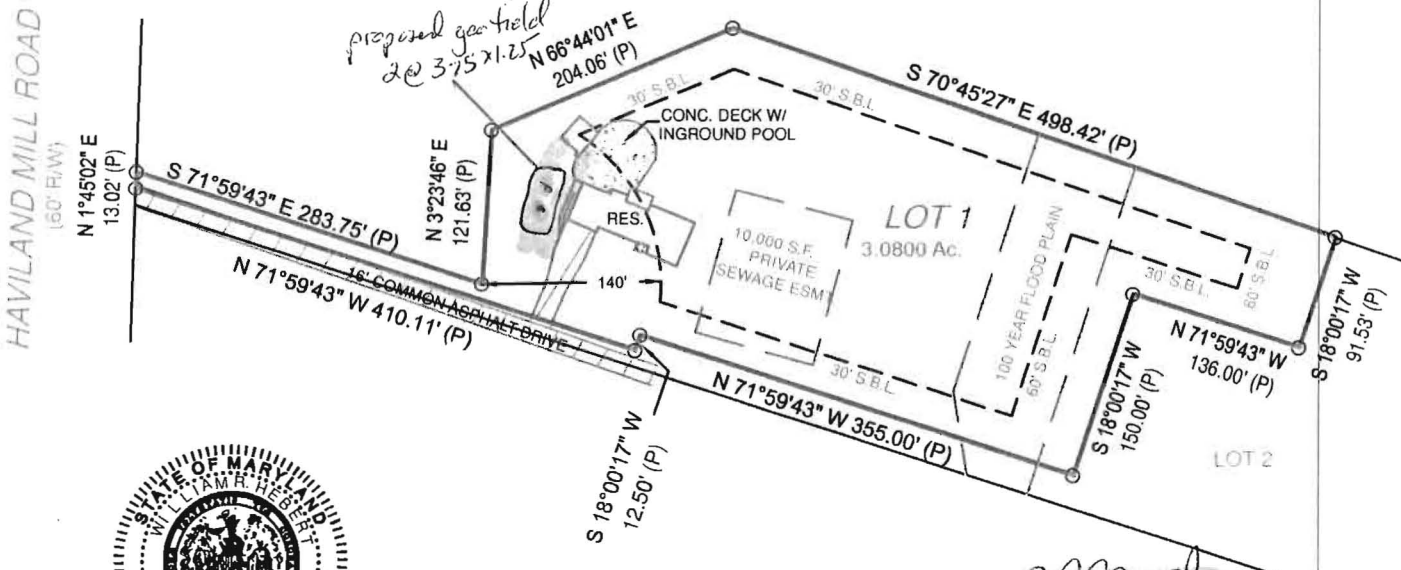
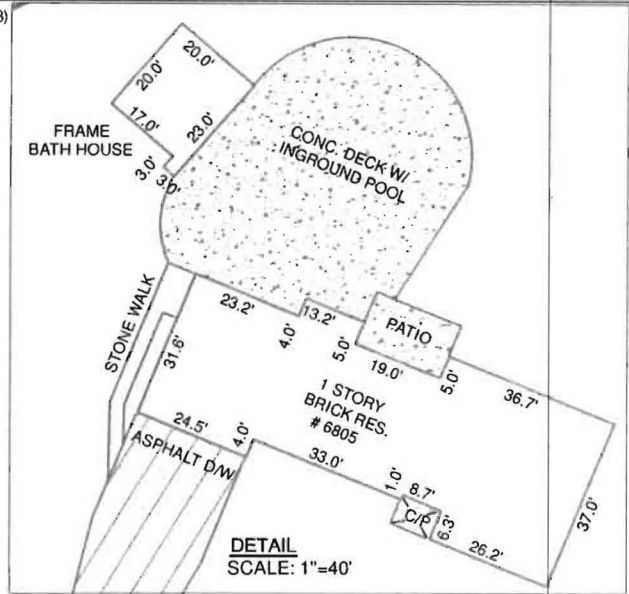
LOCATION DRAWING

LOT 1

SCHROYER PROPERTY, LOTS 1 AND 2

HOWARD COUNTY, MARYLAND

08-22-2013 SCALE 1"=150'



GRAPHIC SCALE (In Feet)
1 inch = 150' ft.

ACCURACY=3'±

*approved well sites
Jaw
5/27/14*

POINTS OF INTEREST:
NONE VISIBLE

CLIENT NUMBER: 11802 DATE: 8/23/2013
BUYER: ANDREW MARTIN JONES AND SALLY BETHANY JONES
SELLER: MARKET PRO SOUTH INC.

CERTIFIED TO:
ANDREW MARTIN JONES AND SALLY BETHANY JONES; ATLANTIC TITLE & ESCROW COMPANY; FIRST AMERICAN TITLE INSURANCE COMPANY; CITIBANK

A LICENSEE EITHER PERSONALLY PREPARED THIS DRAWING OR WAS IN RESPONSIBLE CHARGE OVER ITS PREPARATION AND THE SURVEYING WORK REFLECTED IN IT, ALL IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN REGULATION .12 OF CHAPTER 09.13.06 OF THE CODE OF MARYLAND ANNOTATED REGULATIONS.

DAVID CLINESMITH
REALTOR®

240-475-6336
D_CLINESMITH@HOTMAIL.COM

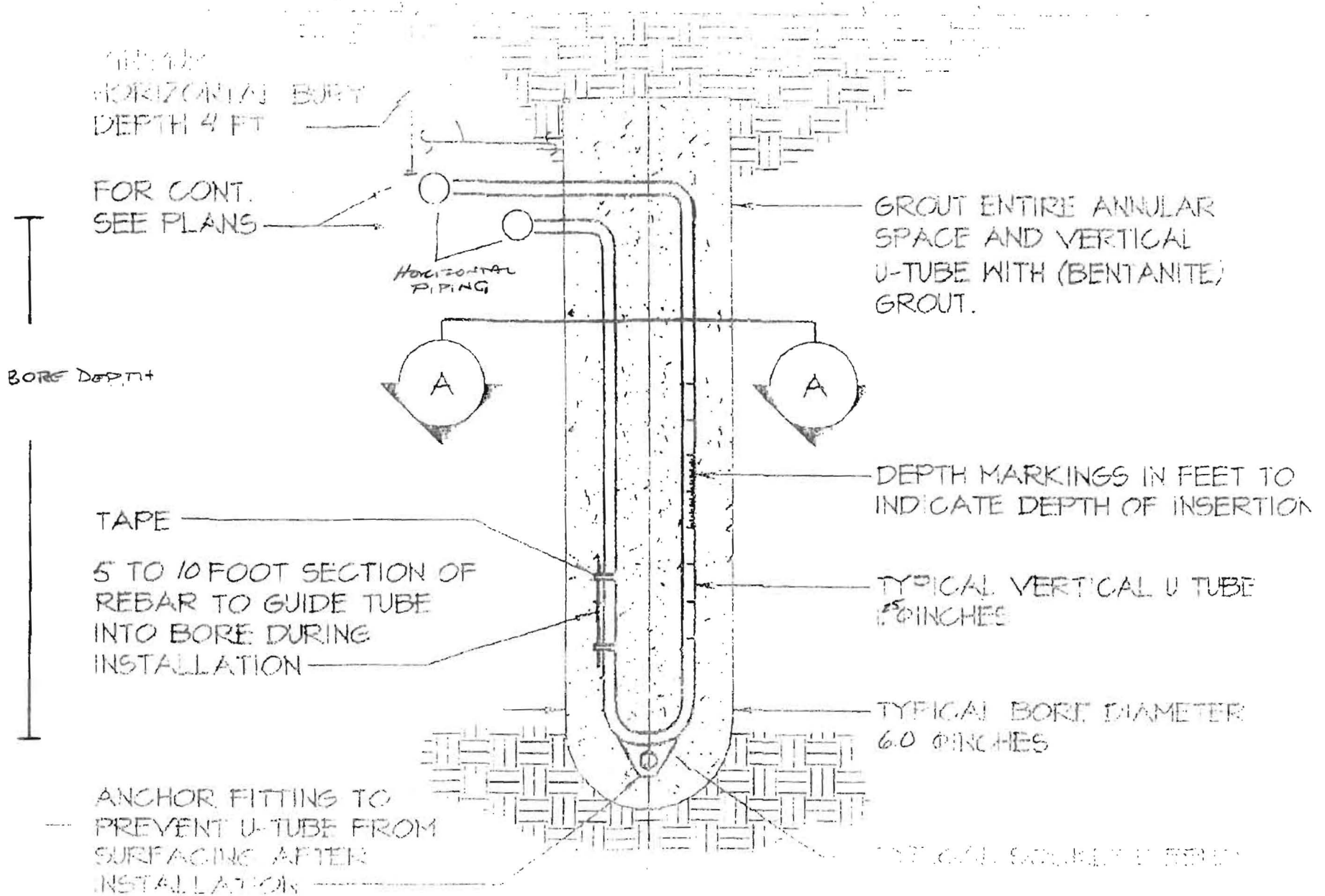
Weichert, Realtors

EXACTA
Maryland Surveyors, Inc.

LB#21535
www.exactaMD.com
P (443)692-6523 • F (443)692-6524
10480 Little Patuxent Parkway • Suite 400 • Columbia, MD 21044

GRADE

EACH BORE HOLE (TYP.)



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.