

C1 28675 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY 02 25 15

MM DD YY 11/16/15

22 450 26 (TO NEAREST FOOT)

OK 3/27/15 SC

28 29 30 31 32 33 34 35 36 37 H0 - 14 - 0127

OWNER CLARK, STEPHEN WELL SITE ADDRESS 13911 Hallowell CT TOWN DAYTON SUBDIVISION TRIADDELPHIA MILL FARMS SECTION LOT 2

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. Rows: Top Soil (0-2), Brown mica (2-72), Grey mica (72-450). Includes handwritten note: 24 bags x 20 gal/bag = 480 gal / 450' = 1.07 gal/ft.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C)

CEMENT BENTONITE CLAY NO. OF BAGS 24 NO. OF POUNDS 1200 GALLONS OF WATER 552 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 450 ft.

CASING RECORD casing types insert appropriate code below (S) (T) (C) (O) (P) (L) (O) (T)

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot) 60 61 63 64 66 70

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

SCREEN RECORD screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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. MWD 040 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. WRD064

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

Table with columns: DEPTH (nearest ft.), 1-2, 8-9-11, 15-17, 21, 23-24-26, 30-32, 36, 38-39-41, 45-47, 51. Includes slot size and diameter of screen.

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (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) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above ( ) below LAND SURFACE (nearest foot) 2

LATITUDE 39.206607 LONGITUDE 76.986235 (DEFAULT COORD. WGS 84)

NOTES:

B 1 29293

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-14-0127 fill in this form completely

W 555274 please type

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

CLARK STEPHEN 13911 HALLOWELL COURT DAYTON, MD 21036-1241

B 3

LOCATION OF WELL

Howard COUNTY Triadelphia Mill Farms DAYTON NEAREST TOWN

DRILLER INFORMATION

George F. Easterday L. Franklin Easterday, Inc. 9265 Brown Church Rd., Mt. Airy, Md. 21771

B 4

SOURCES OF DRILLING WATER

1. wells 13911 Hollowell Court ON WHICH SIDE OF ROAD DISTANCE FROM ROAD TAX MAP: 28 BLK: 19 PARCEL 138

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 500 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14

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 13 A29047 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 11/12/2014 CO SIGNATURE EXP. DATE 11/12/2015

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

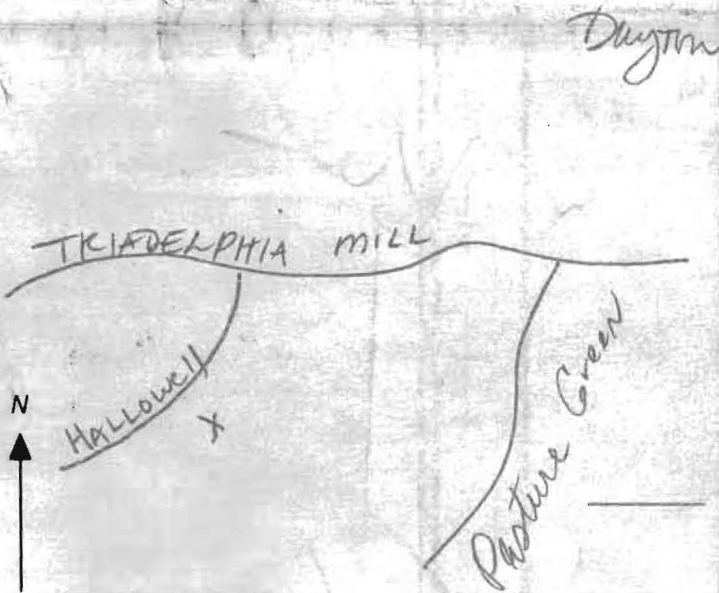
- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEMED AN EXISTING WELL

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

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

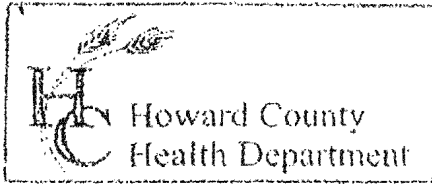
APPROX. PERMIT NUMBER G PERMIT No. HO-14-0127

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



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., 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:

- The well site has been staked by EASTENDAY S,  
(professional land surveyor or company employing professional land surveyors)  
on 6/11/14 (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.

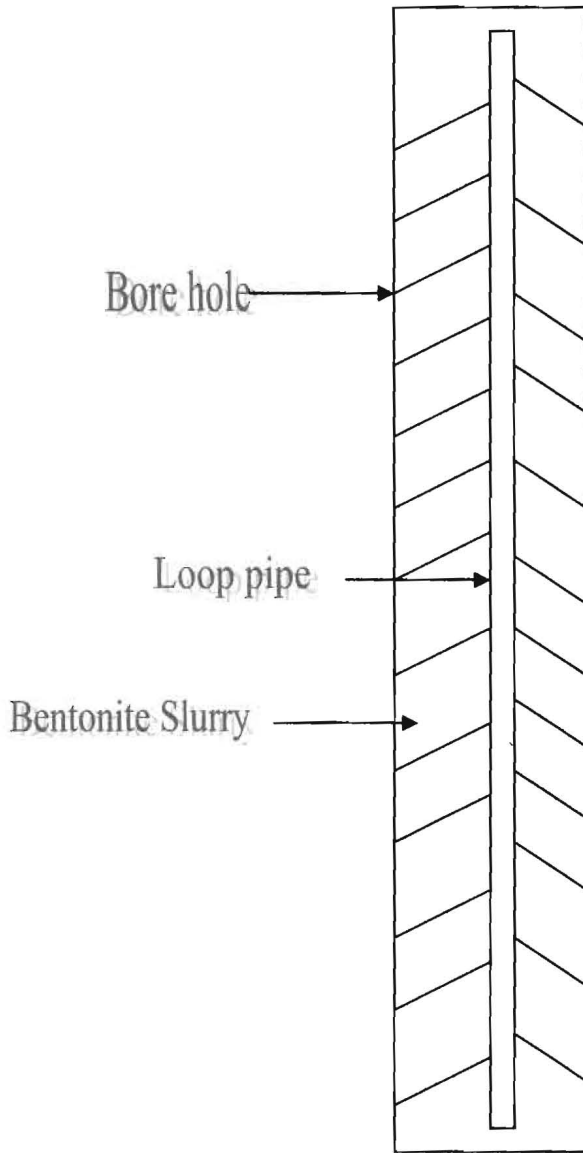
This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 6/10/03

Steve CLARK  
3911 Hallowell Ct

# GEOHERMAL WELL DESIGN

L. FRANKLIN EASTERDAY, INC



Owner Steve Clark

Location 3911 Hallowell Ct

Number of wells 2

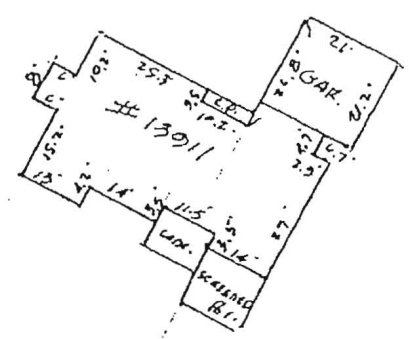
Depth 450 Loop Size 1 1/4"

Grout Material-----Bentonite Slurry from bottom to G.L.



Property known as: **LOT 2**  
 TRIADELPHIA MILL FARMS  
 LOTS 1-11 & 14 & 15  
 SECTION 1 AREA 2 PLAT 4901  
 5<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MD

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

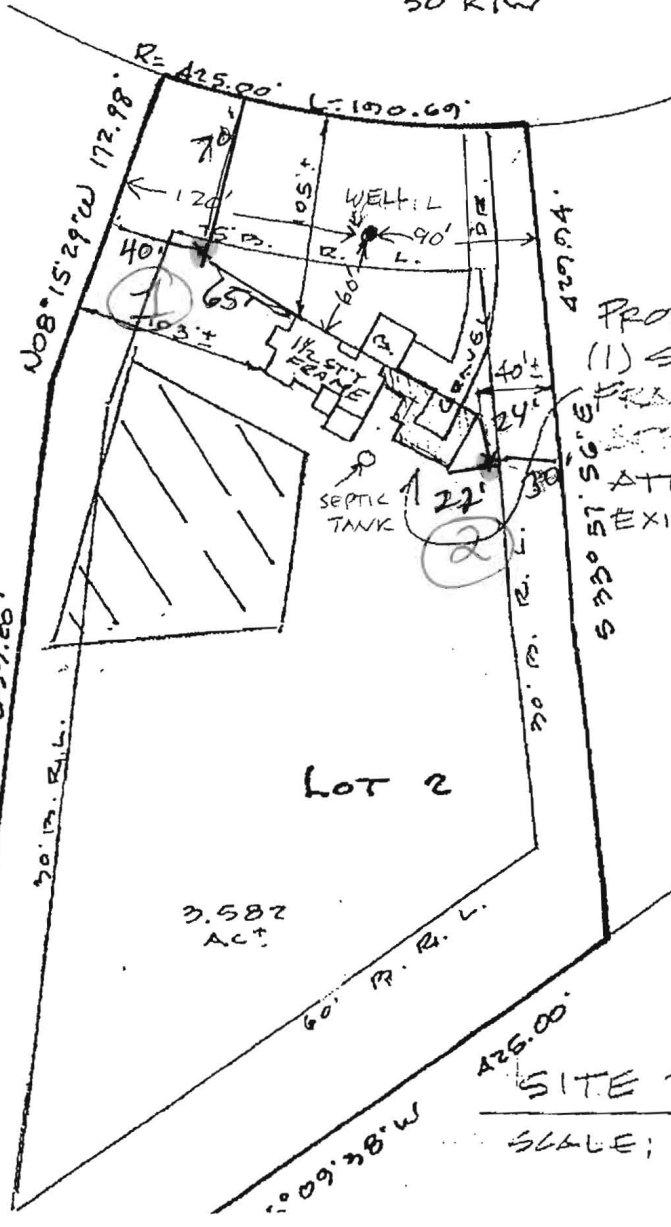


Geo well 1

70' from front prop line  
 40' from right prop line  
 65' from front right corner of house

13911

HALLOWELL COURT  
 50' R/W



PROPOSED  
 (1) STORY  
 FRAME ADDITION  
 38' X 31'  
 ATTACHED TO  
 EXISTING HOUSE

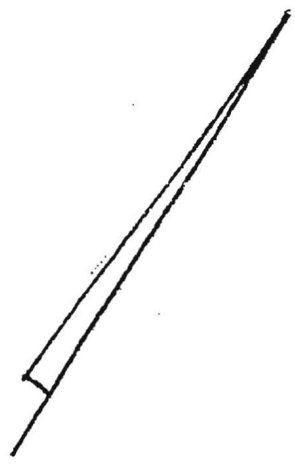
Geo well 2  
 54' from front left corner of house

22' from back left corner of house

30' from left prop. line

SITE PLAN

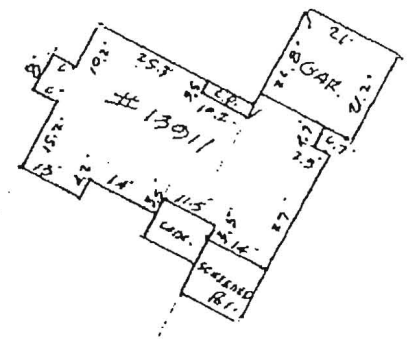
SCALE: 1" = 100'-0"



3

Property known as: **LOT 2**  
TRIADDELPHIA MILL FARMS  
LOTS 1-11 & 14 & 15  
SECTION 1, AREA 2 PLAT 4901  
5<sup>TH</sup> ELECTION DISTRICT  
HOWARD COUNTY, MD

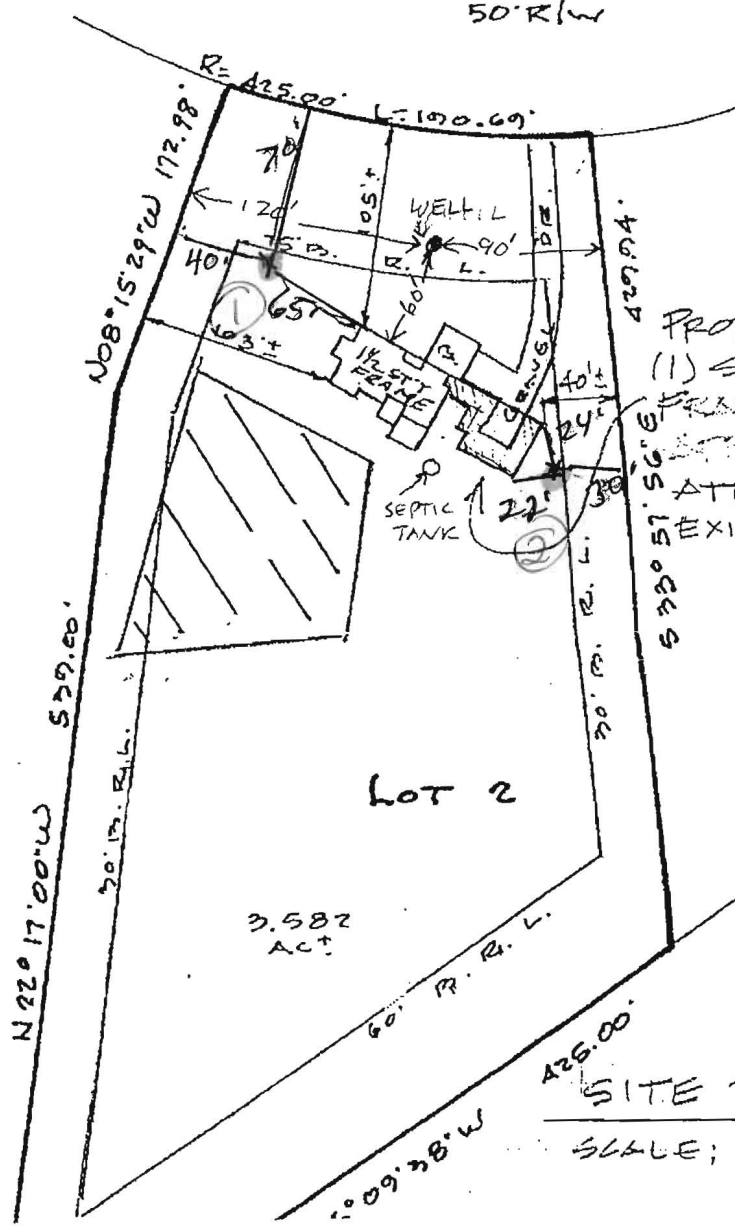
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Geo well 1  
70' from front prop line  
40' from right prop line  
65' from front right  
corner of house

13911

HALLOWELL  
COURT  
50' R/W



PROPOSED  
(1) STORY  
FRAME ADDITION  
38' X 31'  
ATTACHED TO  
EXISTING HOUSE

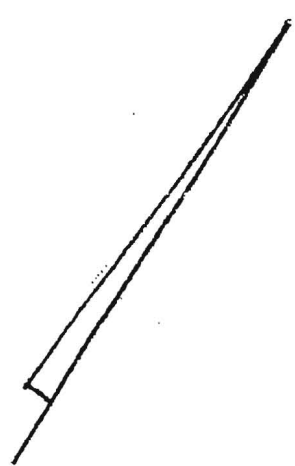
Geo well 2  
54' from front left  
corner of house

22' from back  
left corner  
of house

30' from left  
prop. line

SITE PLAN

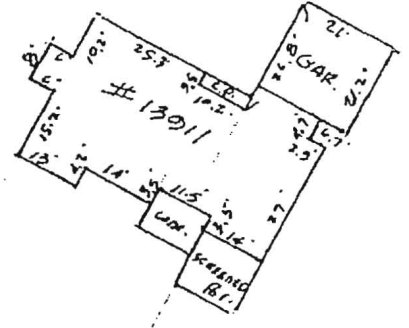
SCALE: 1" = 100'-0"



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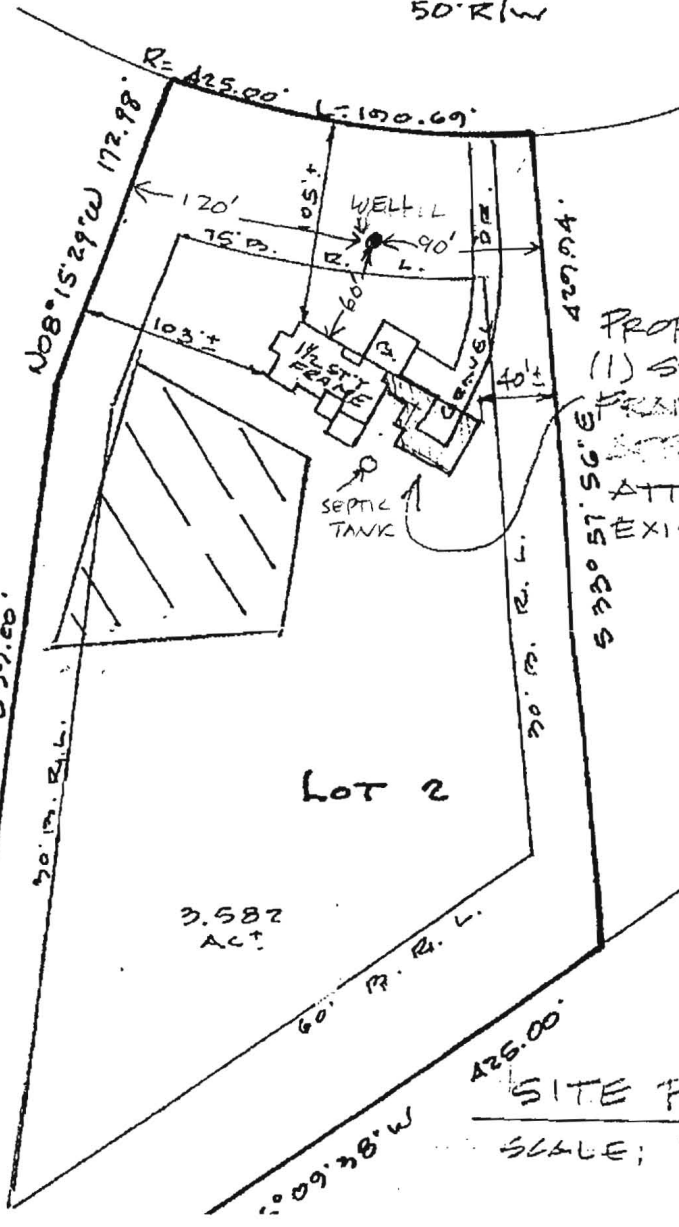
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 TRIADELPHIA MILL FARMS  
 LOTS 1-11 & 14 & 15  
 SECTION 1 AREA 2 PLAT 4901  
 5<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MD

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.



13911

**HALLOWELL COURT**  
 50' R/W

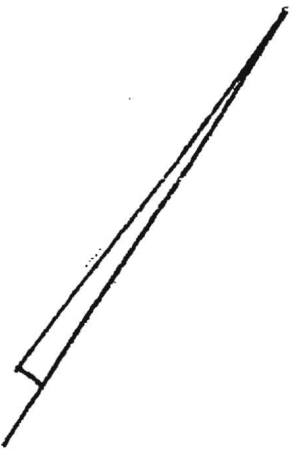


PROPOSED  
 (1) STORY  
 FRAME ADDITION  
 APPROX. 38 X 31'  
 ATTACHED TO  
 EXISTING HOUSE

**LOT 2**  
 3.582  
 ACT.

**SITE PLAN**

SCALE: 1" = 100'-0"



3

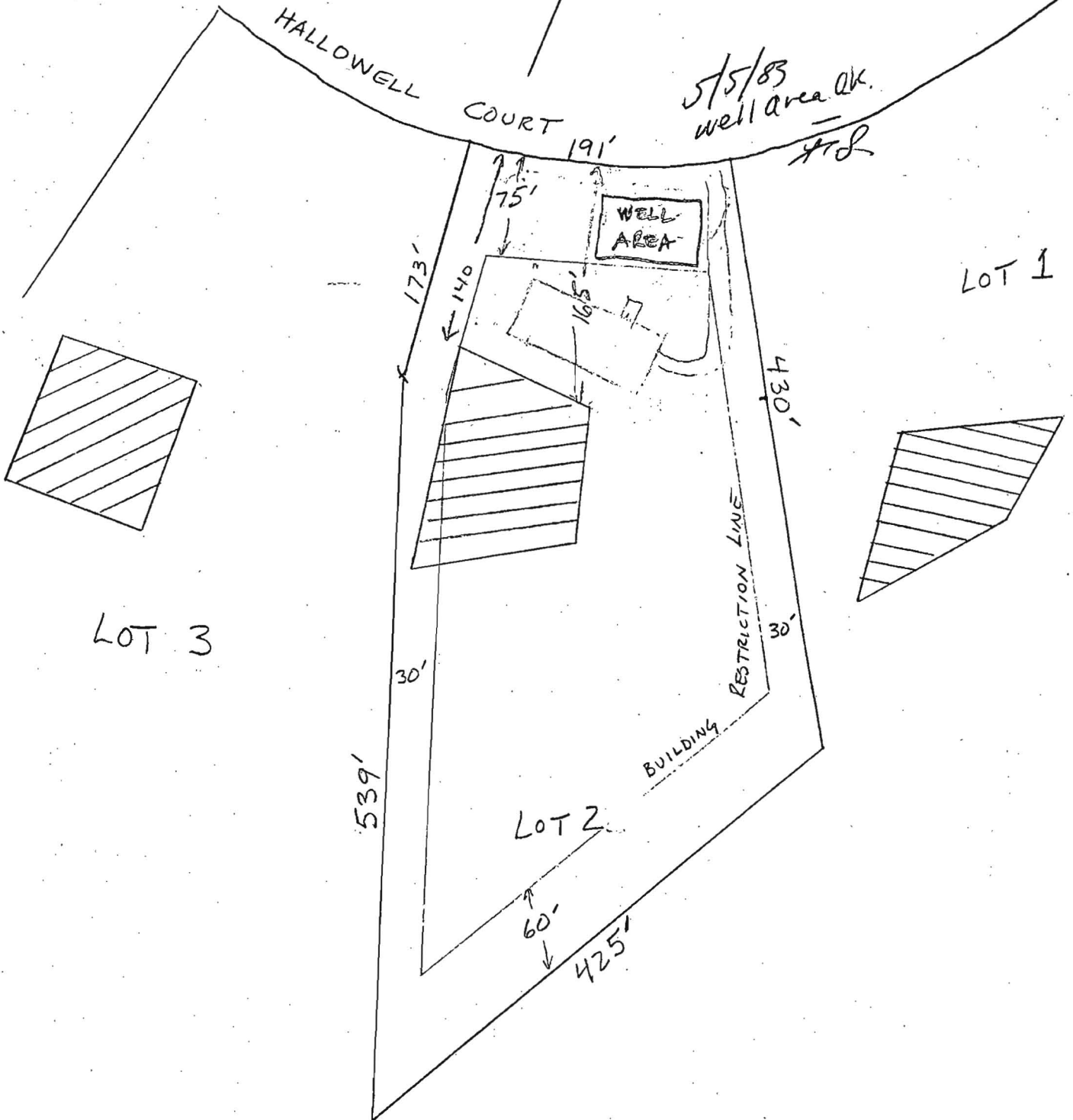


STEPHEN D. CLARK  
CERTIFIED PUBLIC ACCOUNTANT

5451 THUNDER HILL ROAD  
COLUMBIA, MARYLAND 21045  
PHONE (301) 997-4875

OFFICE 792-8654 EXT 269

NORTH





COURT

50' R/W

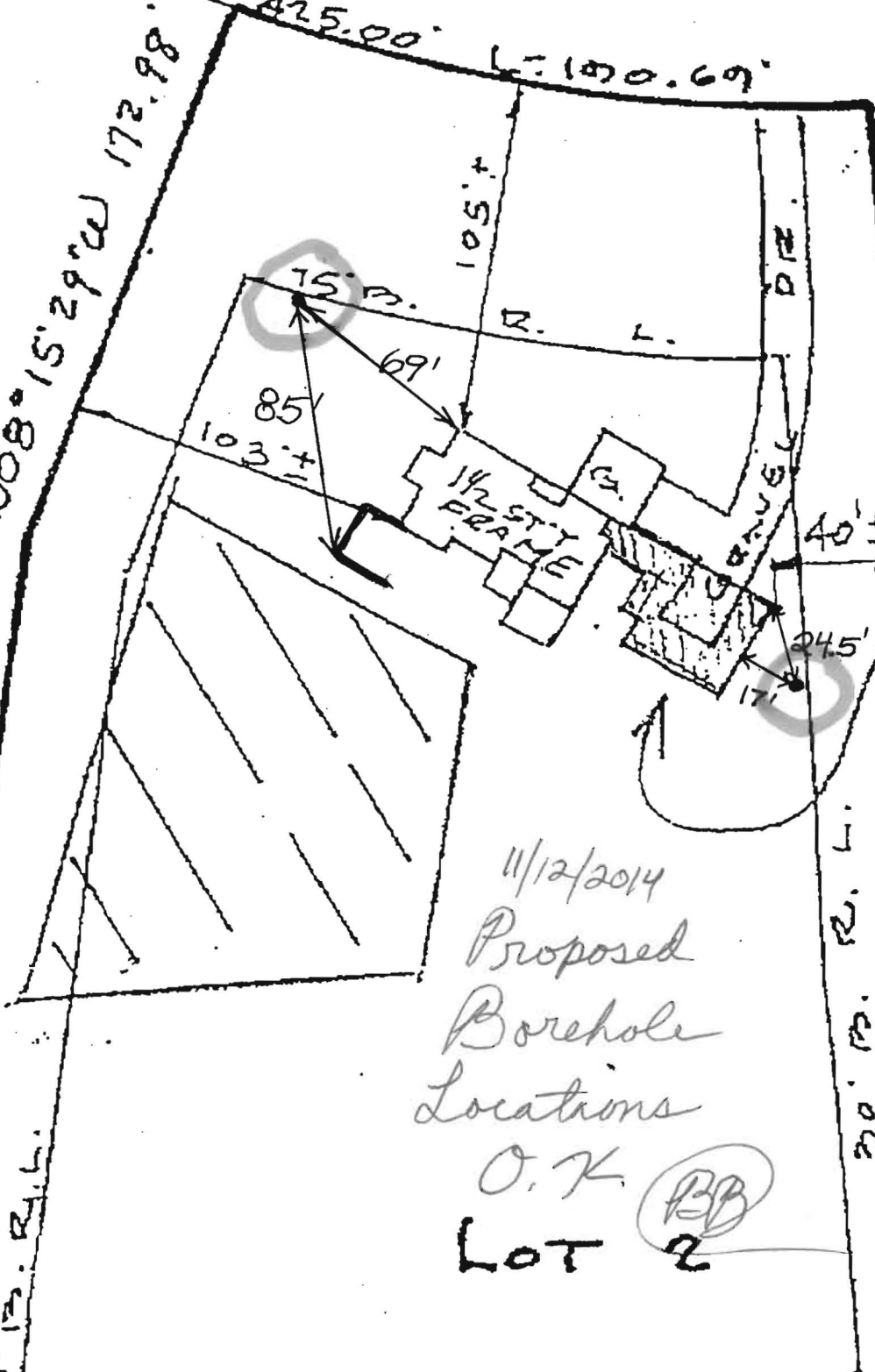
R: 425.00' L: 100.69'

N08°15'29"W 172.98'

539.00'

30' R/W

22°17'00"W



420.04'

PROPOSED  
 (1) S  
 ATT  
 EXI:

11/12/2014  
 Proposed  
 Borehole  
 Locations  
 O.K. **(PB)**  
 LOT 2

3.582 AC±

R. R. L.