

B 1 6714

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

10-81-2560

fill in this form completely

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

please print or type

Date Received (APA)

012288

OWNER INFORMATION

BROWNINGS CHARLES

16470 ED WARFIELD RD

WOODBINE MD 21797

LOCATION OF WELL R-40847

HOWARD COUNTY

KARNES PROPERTY

SECTION 44 46 LOT 48 50 (MAP 7 P.246)

LISBON

MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION

George F. Easterday

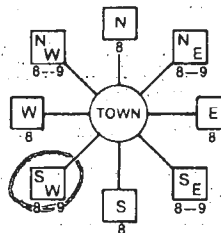
40 License No. 80

L. Franklin Easterday, Inc.

9265 Brown Church Rd., Mt. Airy, Md. 21771

George F. Easterday 1/12/88

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



FLORENCE RD NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



3600 DISTANCE FROM ROAD

ENTER FT or MI FT

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (Single or Double Household Unit Only)
Farming (Livestock Watering & Agricultural Irrigation)
Industrial, Commercial, State and Federal Gov.
Other (Requires Appropriation Permit)
Public or Private Water Company (Requires Appropriation Permit and State Health Department Approval)
Test, Observation, Monitoring (May Require Appropriation Permit)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A 40498 COUNTY NO.

STATE SIGNATURE DATE ISSUED

021788 B. Nixen 08/17/88

NORTH GRID 544 0 0 0 EAST GRID 0772 0 0 0

APPROXIMATE DEPTH OF WELL 200 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
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

770 2 540 4

3/14/88
WELL GROUDED
ARRIVED 12:00 PM
FOR 930 GROUT
3 BAGS SEEN
R. P. ...
WELL OK

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
D THIS WELL WILL DEEPEM AN EXISTING WELL

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

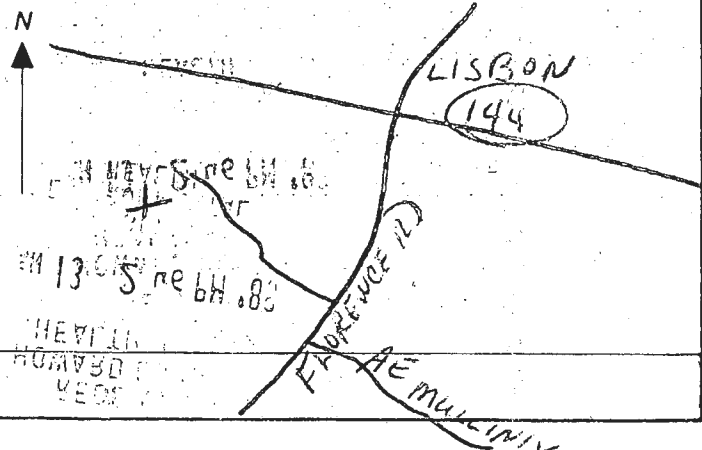
Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE INITIALS PERMIT NO. 10-81-2560

SPECIAL CONDITIONS

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



C1-2164 SEQUENCE NO. (OEP-USE ONLY)
 1 2 3 4 5 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER **A-40498**

DATE Received [] DATE WELL COMPLETED **03/11/87** Depth of Well **300** (TO NEAREST FOOT)
 FROM "PERMIT TO DRILL WELL" **10-81-2560**

OWNER **BROWNING CHARLES**
 STREET OR RFD **FLORENCE ROAD (ROUTE 14)** TOWN **LISBON**
 SUBDIVISION **BARNES PROP. MAP 7 P. 246** SECTION **1** LOT **3**

WELL LOG
 Not required for driven wells
 STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
TOP SOIL	0	1	
RED CLAY	1	4	
BR. SLATE	4	20	
GRAY SLATE	20	60	
BR. SLATE	60	75	
BLUR SLATE	75	300	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **7** NO. OF BOUNDS **700**
 GALLONS OF WATER **35**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** TOP to **18** BOTTOM (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST **CO** **PL** **OT**
 STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE **57** **6** **93**
 Nominal diameter (nearest inch) Total depth (nearest foot)

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST **BR** **HO** **PL** **OT**
 STEEL BRASS OPEN HOLE PLASTIC OTHER

DEPTH (nearest ft.)
 EACH SCREEN **70** **33** **300**

CIRCLE APPROPRIATE LETTER
A 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 10.17.13, WELL CONSTRUCTION, AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.
 DRILLERS IDENT. NO. **40**
 DRILLERS SIGNATURE *George J. Easterday*
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)
TELESCOPE CASING **LOG INDICATOR** **OTHER DATA**

PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **10**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **59**
 WHEN PUMPING **69**
 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 WILL INSTALL PUMP YES **NO**
 (CIRCLE) (YES or NO)
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31** **35**
 PUMP HORSE POWER **37** **41**
 PUMP COLUMN LENGTH (nearest ft.) **42** **47**
 CASING HEIGHT (circle appropriate box and enter casing height)
+ above **-** below
 LAND SURFACE **2** (nearest foot)

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
ct. lot line
206
450
Back

6/26/89

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # 42984
Date 11/5/88

Name of Installer John M. Vandenberg Inc

Telephone 442-2221

License Number #862 6501

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner CHARLES BROWNING Telephone 489-4126
Subdivision 1874 FLORANCE RD Lot # Well Tag # HD-88-230
Site Address 1874 FLORANCE RD WOODBINE MD 21797

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u>3/4</u>	1. Make <u>HARVARD</u>
a. Deep well jet <u> </u>	2. RPM <u> </u>	2. Model # <u> </u>
b. Shallow well jet <u> </u>	3. Voltage <u> </u>	3. Depth <u> </u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 <u> </u>	
2. Make <u>Grundfos</u>	b. 220 <input checked="" type="checkbox"/>	
3. Model # <u>55507412</u>		
4. Capacity <u>5</u> GPM		
5. Pump exceeds well capacity Yes <u> </u> No <input checked="" type="checkbox"/>		
6. If Yes, is low pressure cutoff switch installed? Yes <u> </u> No <u> </u>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <u> </u> Cable guards <input checked="" type="checkbox"/> Other <u> </u>		

Tank	Piping	Well data
1. Capacity <u>42</u>	1. Type <u>#160</u>	1. Depth <u>300</u> ft.
2. Pressure relief valve? <u>yes</u>	2. Size <u>1"</u>	2. Yield <u>10</u> GPM
	3. NSF and/or BOCA Code approved <u> </u>	3. Static water level <u>37</u> ft.
	4. Depth of supply line <u>3 ft</u>	4. Will water supply be disinfected by installer? <input checked="" type="checkbox"/>

well line ok
6/26/89 cw.

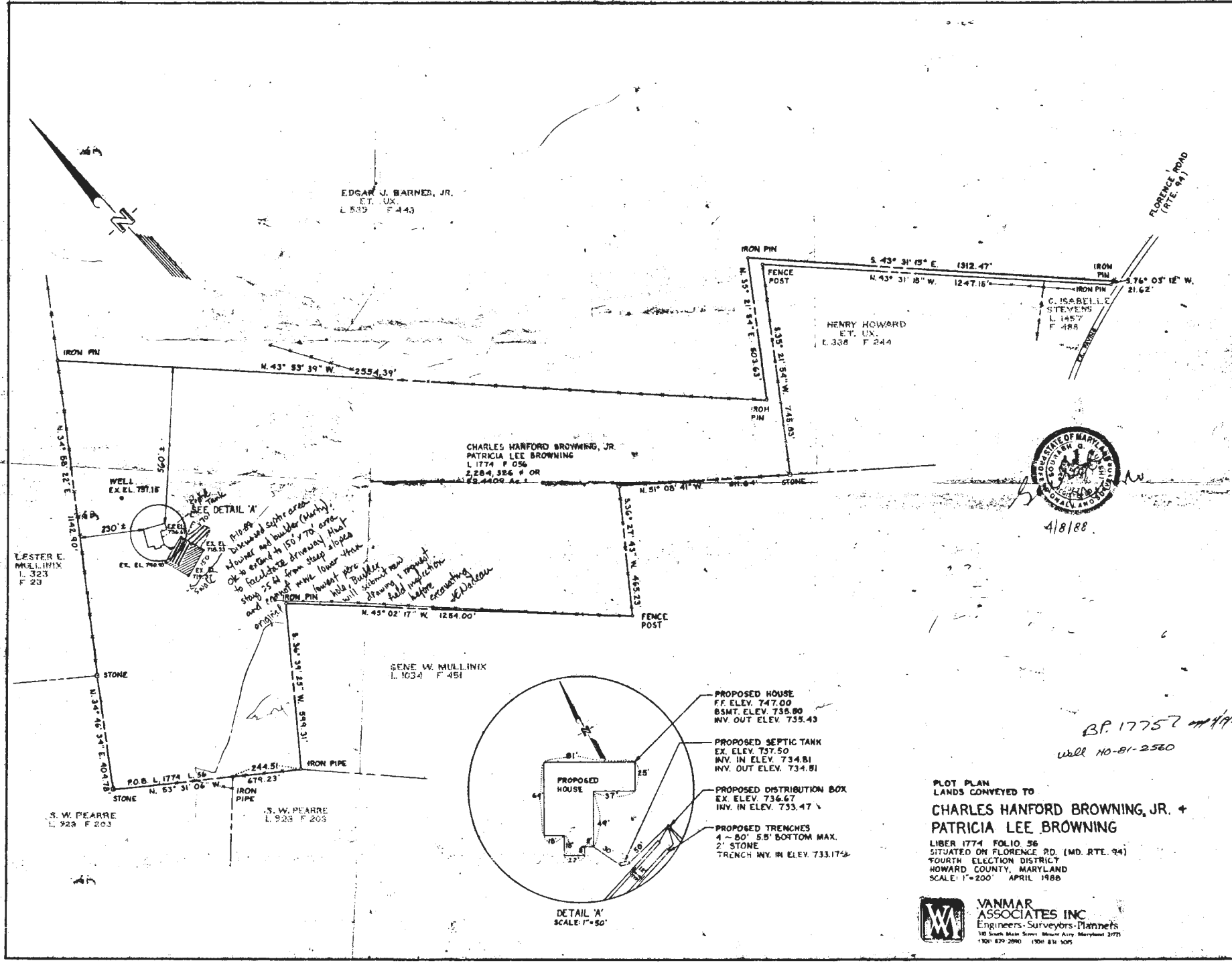
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]

Date: 11-1-88

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



EDGAR J. BARNER, JR.
ET. UX.
L. 535 F. 443

HENRY HOWARD
ET. UX.
L. 338 F. 244

C. ISABELLE
STEVENS
L. 1457 F. 488

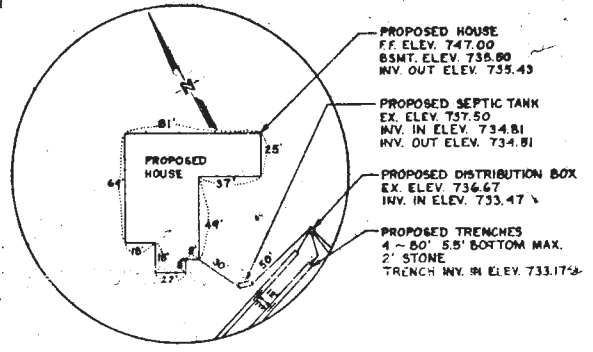
CHARLES HANFORD BROWNING, JR.
PATRICIA LEE BROWNING
L. 1774 F. 56

LESTER E.
MULLINIX
L. 323 F. 23

SENE W. MULLINIX
L. 1034 F. 451

S. W. PEARRE
L. 928 F. 203

S. W. PEARRE
L. 928 F. 203



DETAIL 'A'
SCALE: 1"=50'

- PROPOSED HOUSE
F.F. ELEV. 747.00
BSMT. ELEV. 738.90
INV. OUT. ELEV. 735.43
- PROPOSED SEPTIC TANK
EX. ELEV. 737.50
INV. IN. ELEV. 734.81
INV. OUT. ELEV. 734.81
- PROPOSED DISTRIBUTION BOX
EX. ELEV. 736.67
INV. IN. ELEV. 733.47
- PROPOSED TRENCHES
4 - 80' 5.5' BOTTOM MAX.
2" STONE
TRENCH INV. IN. ELEV. 733.175



4/8/88

BP. 17752 - 4/8/88
Well HO-81-2580

PLOT PLAN
LANDS CONVEYED TO
**CHARLES HANFORD BROWNING, JR. +
PATRICIA LEE BROWNING**
LIBER 1774, FOLIO 56
SITUATED ON FLORENCE RD. (MD. RTE. 94)
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=200' APRIL 1988



VANMAR ASSOCIATES INC.
Engineers-Surveyors-Planners
110 South Main Street, Annapolis, Maryland 21401
(301) 879-2880 (301) 831-5015

Maura J. Rossman, M.D., Health Officer

MEMORANDUM

TO: Kent Sheubrooks, Chief
Dept. Planning & Zoning
Sent via email to ksheubrooks@howardcountymd.gov on 4/18/19

FROM: Sarah Collins, L.E.H.S. *SEC*
Howard County Health Department

DATE: April 18, 2019

RE: 'All Wells Drilled'
Tax Map 7, Grid 15, Parcel 508
Agricultural Preservation Subdivision Plat for The Browning Property
Lot 1

The wells for the **Agricultural Preservation Subdivision Plat for The Browning Property – Lot 1** have been drilled and received preliminary approval by the Health Department. The developer of this project has fulfilled this prerequisite. The recordation of **F-19-026** should not be held up any longer due to issues involving well drilling. If there are any questions involving this memorandum, please contact me at (410) 313 – 6287 or SCollins@howardcountymd.gov.

*Cc: Chuck Zepp, chuckzepp@gmail.com
Tony Fertitta, Fisher, Collins & Carter, Inc. (tonyf@fcc-eng.com)
File*

F-19-026 PLAT 1.dwg V2

Maryland
(Woodbury)
(Existing AD R/W - 150'
Minor Acreal & Scale)

For
And

Fisher, Collins & Carter, Inc.
Civil Engineering Consultants & Land Surveyors
Centennial Square Office Park - 10272 Baltimore National Pike
Ellicott City, Maryland 21042
(410) 461-2855

21. This 1.200 Acre Lot Is Being Subdivided From The Parent Parcel And Released From The Agricultural Preservation Easement (HO-90-20-E), Consistent With The Requirements Of The Agricultural Land Preservation Program, Howard County Code Section 12.914(b). The Howard County Agricultural Land Preservation Board Approved The Location Of This Child Lot On November 9, 1986.
22. This Plan Has Been Prepared In Accordance With The Provisions Of Section 16.124 Of The Howard County Code And The Landscape Manual. Financial Surety For The Required Perimeter Landscaping Will Be Placed With The Grading Permit, In The Amount Of \$1,500.00 Based On 3 Sides Times @ \$500.00 Each.
23. This Subdivision Is Exempt From The Requirements Of The Forest Conservation Program Per Section 16.12021(a)(1)(4) Of The Subdivision And Land Development Regulations Because The Property Is In The Agricultural Preservation Program.
24. This Plan Is In Compliance With The Amended Fifth Edition Of The Subdivision And Land Development Regulations Per Council Bill 45-2003 And The 10/06/13 Comprehensive Zoning Plan. Development Or Construction On These Lots Must Comply With Setback And Buffer Regulations In Effect At The Time Of Submission Of The Site Development Plan, Varior Petition Application, Or Building/Grading Permits.
25. No 100 Year Floodplain Exists On Lot 1.
26. A Private Use-In-Common Access Easement Agreement Is To Be Recorded Among The Land Records Of Howard County, Maryland Simultaneously With This Plan.
27. Lot 1 Is Created In Accordance With The Provisions Of Section 104.2.5.6 Of The Zoning Regulations.
28. There Are No Slopes Of 15-24.9% Or 25% Or Greater On The Proposed Lot 1.

Agricultural Land Preservation Program Child Lot (Lot 1) Is Not Subject To R.L.H.U. Requirement.

and Hereon,
Of Planning
the Property

Surveyor's Certificate

I Hereby Certify To The Best Of My Knowledge That The Final Plat Shown Hereon Is Correct, That It Was Prepared By Me Or Under My Responsible Charge And That I Am A Duly Licensed Professional Land Surveyor Under The Laws Of The State Of Maryland; That It Is Part Of The Land Conveyed By William E. Barnes, Personal Representative Of The Estates Of Edgar J. Barnes And Dorothy E. Barnes, Estate Nos. 156755164 And 156756165, To Charles Hanford Browning, Jr. And Patricia Lee Browning By Deed Dated October 29, 1987 And Recorded Among The Land Records Of Howard County, Maryland In Liber 1774 At Folio 056; All Monuments Are In Place In Accordance With The Annotated Code Of Maryland, As Amended.



Todd M. Hill, Professional Land Surveyor No. 21351 Date
Expiration Date: July 15, 2019

RECORDED AS PLAT No. _____ ON _____
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

**Agricultural Preservation
Subdivision Plat For
The Browning Property
Lot 1**

(Being A Subdivision Of Tax Map 7, Parcel 50B
Liber 1774 At Folio 056)

Zoned: RC-D50
Tax Map: 7, Grd: 15, Parcel: 50B
Fourth Election District - Howard County, Maryland
Date: January 23, 2019 Scale: As Shown Sheet 1 of 3

4/18/19 1874 Woodbine Road

Well cap and conduit fixed at existing house- driller sent picture (SC)

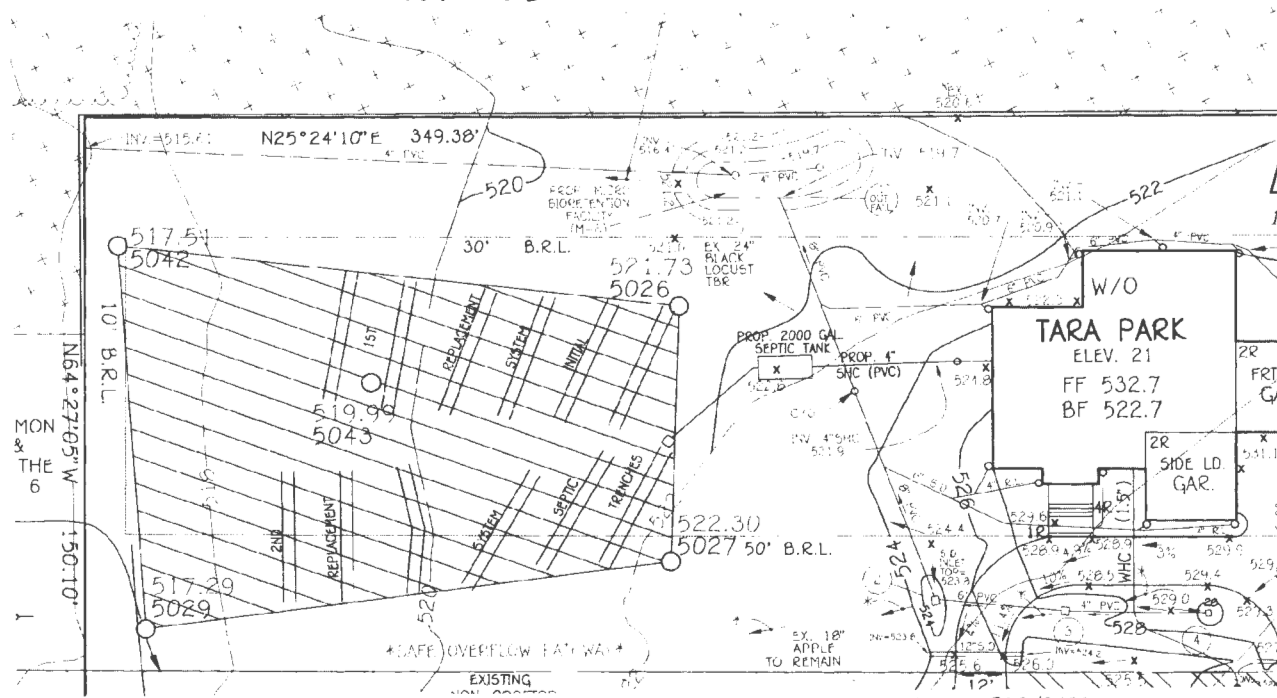


4/10/19 1874 Woodbine Rd.

Existing well at house - loose cap + conduit.



MAPLE VIEW LOT 1



- = INITIAL TRENCHES
- = 1ST REPLACEMENT TRENCHES
- = 2ND REPLACEMENT TRENCHES