

2/24/88 ASAP  
3-1-88 1 PM  
3/2/88 10:30 AM

JAN 10

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

P 40745

A 34975

DISTRICT 3rd

DATE 12/31/87

DATE SYSTEM APPROVED 3/2/88

INSPECTOR R H

John Williams - Bldr

Freedom Sanitation IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 2309 Liberty Road, Eldersburg, Maryland 21784 PHONE 795-2947

SUBDIVISION Frothingham Property ROAD 785 (ROUTE 32) LOT 2

PROPERTY OWNER William Calhoun

ADDRESS

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

2180  
4 1540  
135 ft trench  
2068'

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. INlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 23 feet from the back (150') lot line and 30 feet from the right (103') lot line as seen when facing the lot from Route 32. Run trenches on contour toward left lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank, ok/cw

2-29-88 Inlet 3', Bottom of trench 4.5' maximum, 3' wide, 180' trench total JEN

PLANS APPROVED BY S. Abel DATE 9/09/87

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES).

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER TWO YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 34975

Test Pits

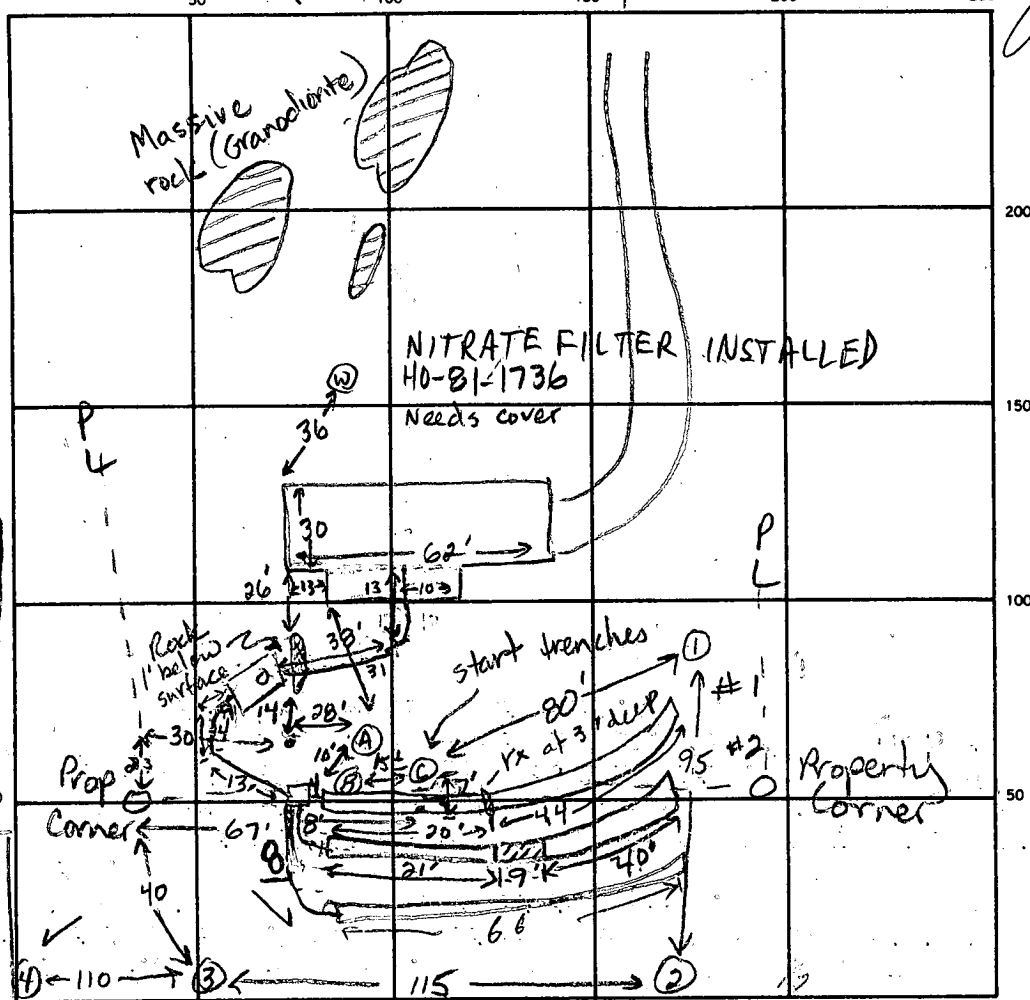
(Route 32) Sykeville Road

Page 1  
of 2

①  
0-4' Brs  
Clay lm  
4'-6' Br s. sa  
loam  
6' Rock  
refusal

②  
0-2' Br s. sa  
cl lm  
2'-5' Br s. al m  
5' Rock refusal

③  
0-3.0 Br s. cl lm,  
some broken  
rock, < 20%  
3.0-7.5 Br s. sa lm  
7.5 Bottom



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL 1000 gal CLEANOUTS ST OF 3/2/88

DISTRIBUTION BOX. LEVEL 0/1

DRAIN FIELD TILE FIELD. DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3, 3, 4 FT.

EFFECTIVE GRAVEL DEPTH 3.5 3.5 2.5 FT. TOTAL LENGTH 64 61 66 FT. 19

NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA SQ. FT.

DRYWELL INSIDE DIAMETER        FT. EFFECTIVE DEPTH BELOW INLET        FT.

ABSORBENT AREA        SQ. FT.

REMARKS 2-29-88 Met contractor on site @ 10am. Rock 1' from surface at tank location.  
Dug several test pits to relocate trenches. Install 3-60ft trenches, inlet 3.0', bottom  
maximum 4.5 ft. JEN. 2-29-88 Septic tank placed. Trench #1 to be started. Told contractor  
to call if rock is encountered JEN. 3-1-88 Trench #1 ok to add stone, pipe  
and paper. Excavate other trenches. OK to cover line from tank to box if necessary  
for access. Rock encountered in trench #1 at 3 ft below grade, 2 ft wide. JEN 2-1-88 Trench  
#2 9 ft of bouldy rock along wall. Depth of trench 4.5 ft. OK to add stone etc to trench  
 DATE SYSTEM APPROVED JEN INSPECTOR JEN

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

P 46747  
A 34978  
DISTRICT 32  
DATE 12/31/80  
DATE SYSTEM APPROVED 3/2/88  
INSPECTOR RH

Freedom Sundation IS PERMITTED TO INSTALL ALTER  
ADDRESS 2309 Liberty Rd PHONE 495 2945  
SUBDIVISION \_\_\_\_\_ ROAD \_\_\_\_\_ LOT \_\_\_\_\_  
PROPERTY OWNER William Calhoun

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

See sheet #1

PLANS APPROVED BY S Abel DATE 09/89/87

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL. (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER TWO YEARS.

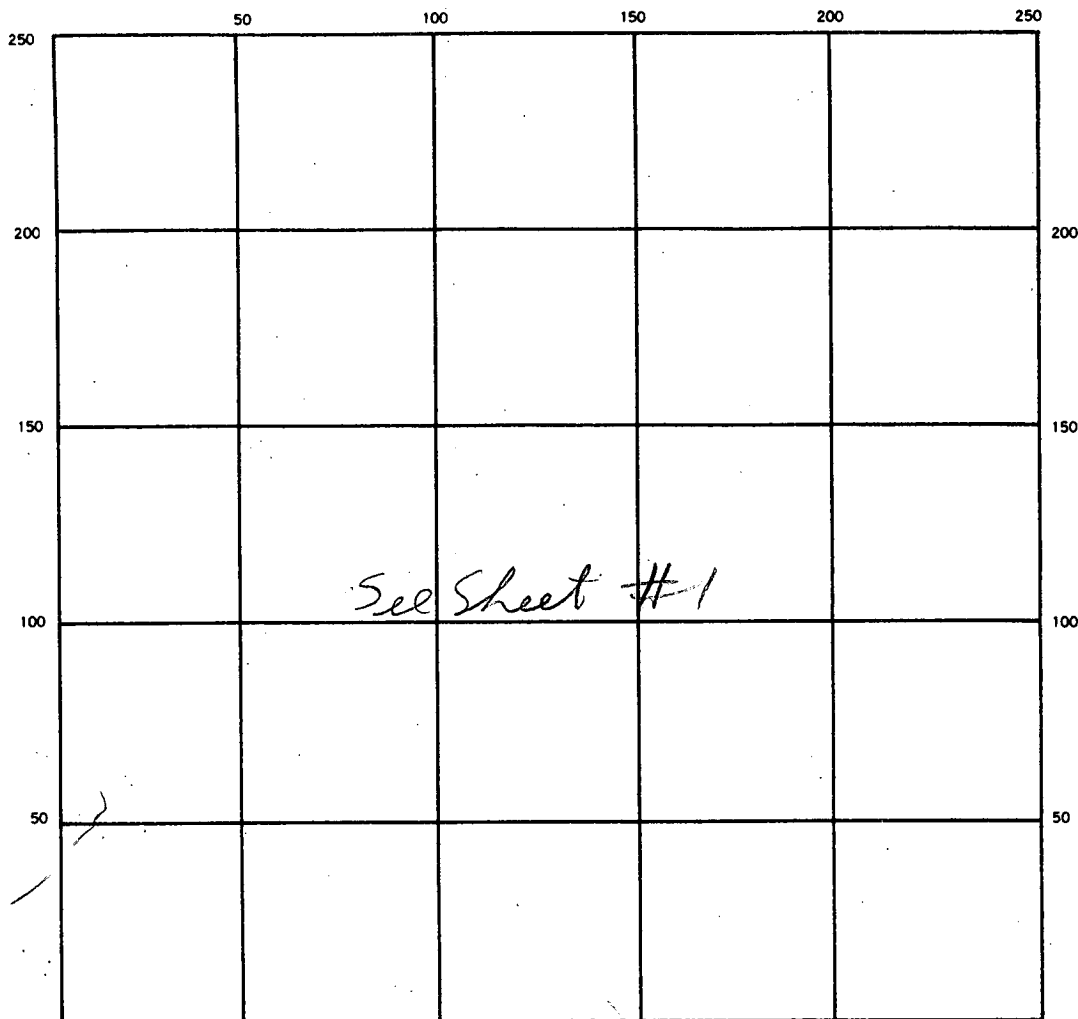
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK, LEVEL \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD, DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 3/2/88 - TRENCH #3 DUG & IS OK NO ROCK IN TRENCH  
191 FT OF TRENCH 3 FT WIDE 191 SQ FT  
180 SQ FT REQUIRED, COVER ALL WORK  
TALKED TO MR WRIGAT RH

DATE SYSTEM APPROVED 3/2/88 INSPECTOR Raymond Hodge

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 34975

P \_\_\_\_\_

DISTRICT

31d

DATE

2/13/85

TO: THE COUNTY HEALTH OFFICER

ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER

James R. Frothingham

ADDRESS

Route 32, Sykesville, Md 21784

PHONE

442-2260

PROPERTY LOCATION:

SUBDIVISION

LOT NO.

Lot 2

ROAD AND DESCRIPTION

Route 32 directly across from Day Road

SIZE OF LOT

6 acres

TYPE BLDG.

2 story 3

(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

James R. Frothingham

APPROVED BY

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

## THIS IS NOT A PERMIT

ALL  
BROWN  
AND

BROWN  
CLAY  
SAND

BRUNN  
SAND

CL57

CLAY  
SAND  
SAND

EH-12-1079 *204*

ALL  
BROWN  
SAND  
&  
FEW  
BOULDER

HOLE  
ELEVATION

⑤ = HIGHEST

$$\textcircled{1} = 1 + 1611$$

③ = LOW

(4)(2) VERY LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

[illegible]

REMARKS

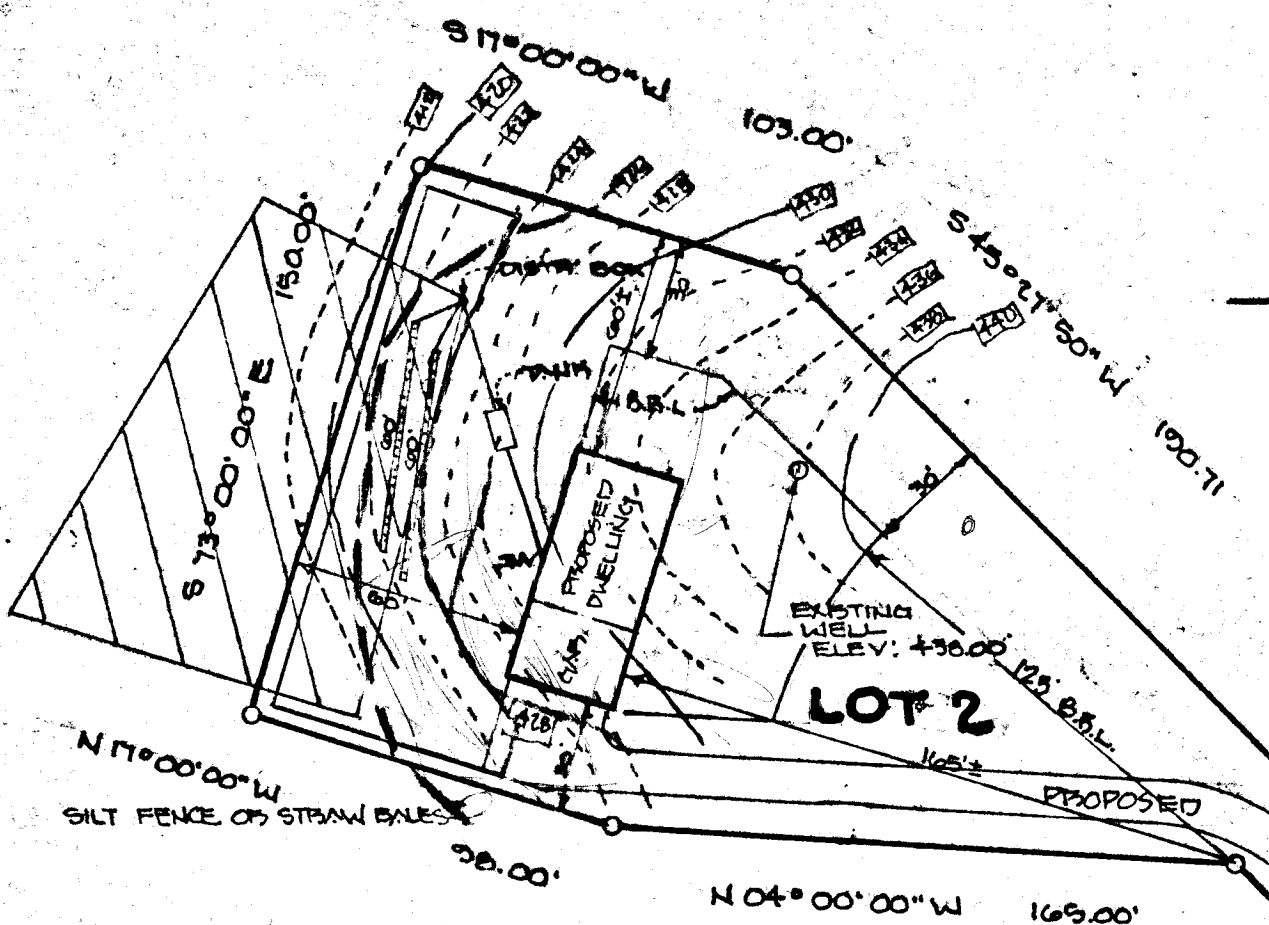
TYPE OF SOIL

TESTED BY

RECOMMEND TRENCH BETWEEN  
(5) & (1) OR DW AT (5)

MR J FROTHINGHAM ENKINS C/O

## ALSO PRESENT



428  
421

FIRST FLOOR: 437.50 ✓  
 BASEMENT FLOOR: 428.50 ✓  
 GARAGE FLOOR: 428.00 ✓

DISTRIBUTION BOX:  
 EXISTING ELEV. 423.50 ✓  
 INVERT 420.00 ✓

TANK:  
 EXISTING ELEV. 426.00 ✓  
 INVERT OUT 420.60 ✓ MANHOLE  
 INVERT IN 420.50 ✓ Required  
 INVERT AT HOUSE 421.50 ✓

(+) BSMT

9/9/87 elevations ok  
 SAE

BLDG. PERMIT SIGNED  
 AND RETURNED 9/14/87

Sid abe  
 BP 18455

**M. & H. DEVELOPMENT ENGINEERS, I**

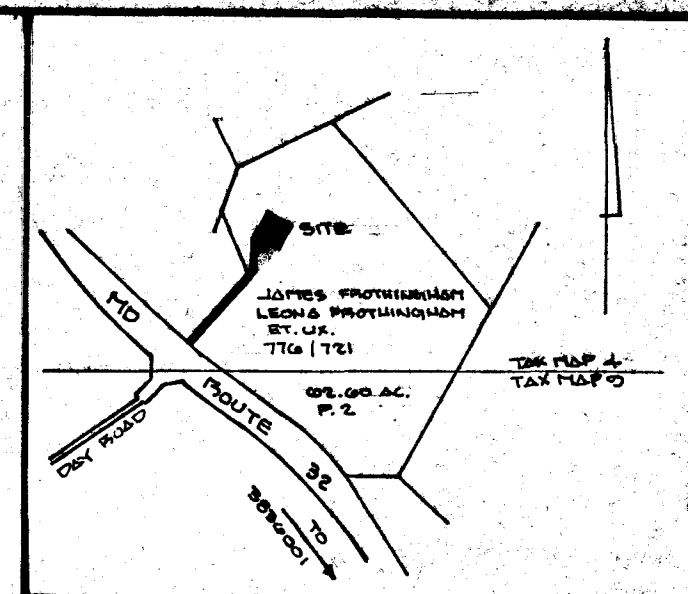
SUITE 231, HARPERS CHOICE VIL. CTR.  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 PHONE: 730-9060



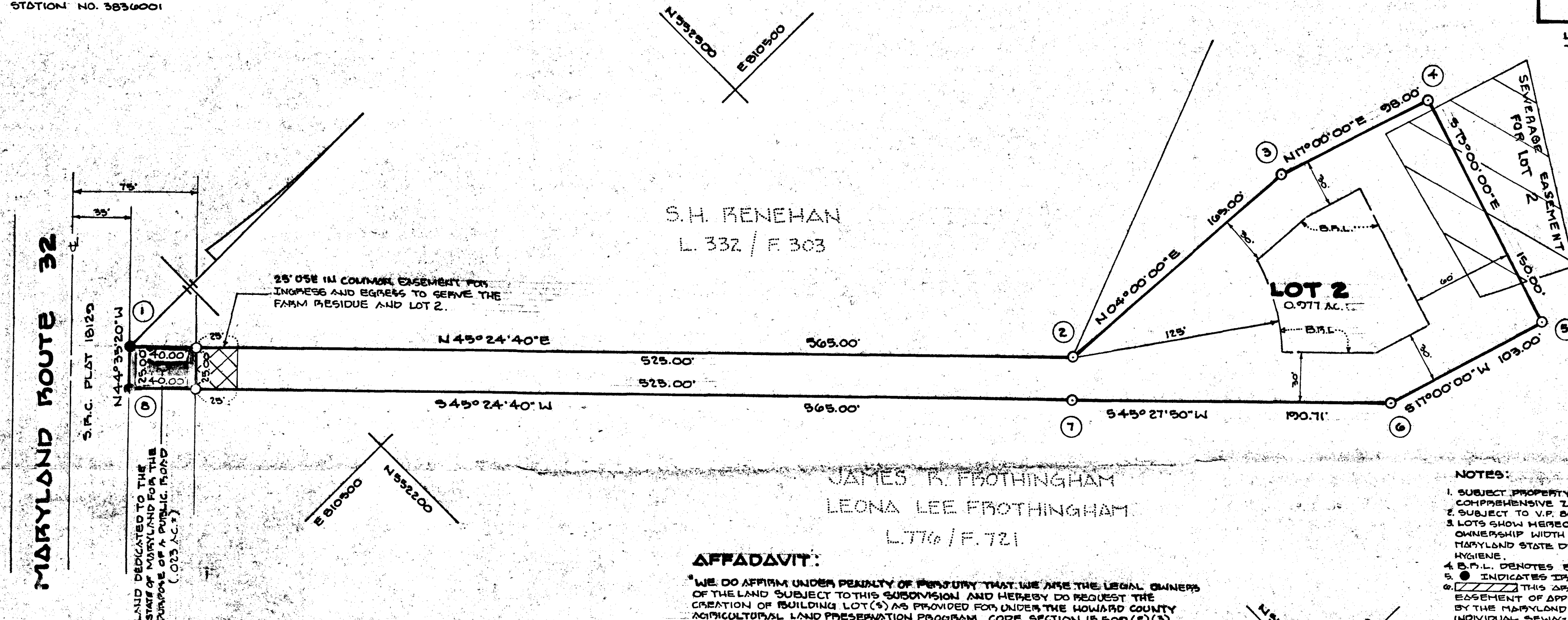
# COORDINATES

NO.	NORTH	EAST
1.	552132.97	810352.27
2.	552522.21	810754.64
3.	552693.81	810766.15
4.	552787.53	810794.80
5.	552743.67	810738.24
6.	552645.17	810708.13
7.	552511.41	810712.19
8.	552114.77	810369.82

COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL. STATION NO. 3836001



LOCATION MAP SCALE: 1"=1200'  
TAX MAP 4-49 PARCEL 2



## AFFIDAVIT:

WE DO AFFIRM UNDER PENALTY OF PERJURY THAT WE ARE THE LEGAL OWNERS OF THE LAND SUBJECT TO THIS SUBDIVISION AND HEREBY DO REQUEST THE CREATION OF BUILDING LOT(S) AS PROVIDED FOR UNDER THE HOWARD COUNTY AGRICULTURAL LAND PRESERVATION PROGRAM, CODE SECTION 15.503 (2) (3). THE LOT BEING CREATED IS FOR USE BY: (LOT 2) MARCIA S. CALHOUN WHOSE RELATIONSHIP TO ME IS DAUGHTER. I UNDERSTAND THAT THE LOT BEING REQUESTED HEREIN CAN BE USED FOR RESIDENTIAL CONSTRUCTION ONLY BY THE INDIVIDUAL CITED ABOVE. I UNDERSTAND THAT A REQUEST CAN BE MADE ONE TIME ONLY FOR MYSELF AND EACH OF MY CHILDREN. IN ACCORDANCE WITH THE PROVISIONS OF THE DEED EASEMENT THE LOT HEREIN BEING CREATED MAY NOT BE RESUBDIVIDED BY ANYONE AT ANY TIME.

James R. Frothingham 7/30/01  
OWNER DATE  
Leona Lee Frothingham 7/30/01  
OWNER DATE

## NOTES:

- SUBJECT PROPERTY ZONED "R" PER 8-2-1989 COMPREHENSIVE ZONING PLAN.
- SUBJECT TO V.P. 86-148.
- LOTS SHOW HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENTAL AND MENTAL HYGIENE.
- D.P.L. DENOTES BUILDING RESTRICTION LINE.
- INDICATES IRON BARS SET.
- THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000' AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL SEWERAGE IS AVAILABLE. THE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICE SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO JUNCTION OF THE FLAG OR PIPESTEM DRIVEWAY AND THE ROAD RIGHT OF WAY LINE ONLY, AND NOT ONTO THE FLAG OR PIPESTEM DRIVEWAY.
- EXISTING STRUCTURE ON LOT 2.
- AREA SHOWN LOCATED ON PROPERTY OWNED BY JAMES R. FROTHINGHAM RECORDED IN LIBER 776 FOLIO 721 IS FOR THE SOLE USE OF LOT 2 OF HAPPY HILLS FARM WILL BE DESCRIBED AND BECOME AN ADDENDUM TO DEED LIBER 776 FOLIO 721.

## TABULATIONS:

TOTAL NUMBER OF LOTS TO BE RECORDED: 1  
TOTAL AREA OF LOTS TO BE RECORDED: 0.971 AC.  
TOTAL AREA OF ROADWAYS TO BE RECORDED: 0.023 AC.  
TOTAL AREA OF SUBDIVISION TO BE RECORDED: 1.00 AC.

## APPROVED:

FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

John B. [Signature] 10-5-87  
COUNTY HEALTH OFFICER DATE

## APPROVED:

HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Walter [Signature] 10-13-87  
DIRECTOR DATE

## APPROVED:

FOR STORM DRAINAGE AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Walter [Signature] 10-16-87  
DIRECTOR DATE

## SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT THAT IT IS A SUBDIVISION OF ALL OF THAT LAND WHICH BY DEED DATED THE 21ST DAY OF JULY 1970 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 0776 AT FOLIO 721, ETC. WAS GRANTED AND CONVEYED BY JAMES R. FROTHINGHAM, UNTO JAMES R. FROTHINGHAM AND LEONA LEE FROTHINGHAM, HIS WIFE, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.



Walter Parr 7/19/1987  
WALTER PARR L.S. NO. 5339 DATE

## OWNERS CERTIFICATE

WE, JAMES R. FROTHINGHAM AND LEONA LEE FROTHINGHAM, HIS WIFE, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINAGE, WATER PIPES, AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL PLOTS AND STREETS, RIGHT OF WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF STREETS AND OR ROADS AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR CHOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND OR ROADS, FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE AND; (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER SAID EASEMENTS AND RIGHTS OF WAYS.

WITNESS OUR HANDS THIS 25TH DAY OF SEPTEMBER, 1987.

James R. Frothingham Leona Lee Frothingham  
JAMES R. FROTHINGHAM LEONA LEE FROTHINGHAM  
Patricia H. Litt  
WITNESS

RECORDED AS PLAT NUMBER 7440 ON 10/13/1987 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

## HAPPY HILLS FARM LOT 2

SIGNED TAX MAP 4-49 PARCEL NO. 2 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1"=50' DATE: 7-18-87

ENGINEER: M. AND H. DEVELOPMENT ENGINEERS, INC. SUITE 231, HARRIS CHOICE VIL. CTR. 5485 HARRIS FARM ROAD COLUMBIA, MARYLAND 21044



B 5295

SEQUENCE NO.  
(OEP USE ONLY) 12/23/86STATE OF MARYLAND  
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HC-81-1736

(THIS NUMBER IS TO BE PUNCHED  
IN COLS. 3-6 ON ALL CARDS) 9:30 6-AT

please print or type

fill in this form completely

## Date Received

8 13

## OWNER INFORMATION

15 Last Name 8 CALHOUN 13 Owner 41 WILLIAM 34

36 Street or RFD 55 13403 OXHILL CT.

57 Town 70 State 72 Zip 76 20012 MD 20715

## DRILLER INFORMATION

Driller's Name 77 License No. 80 Joseph L. Mayne 238

Firm Name 5512 Ridge Rd. Mt. Airy Md. 21771

Address 6

Signature 10/16/86 Date

## WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 3 8 12

AVERAGE DAILY QUANTITY NEEDED  
(GAL. PER DAY) 300 14 20

## 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)

APPROXIMATE DEPTH OF WELL 200 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

## METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
- 30 AIR-ROTARY 37 AIR-PERCussion ROTARY (Hydraulic Rotary)
- 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
- ☐ THIS WELL WILL DEEPEN AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER 54 GAP 63

FORCE 83 WRITE INITIALS IN BOX 67 68 PERMIT NO. HC-81-1736 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

B 3

## LOCATION OF WELL

8 COUNTY 21 HC HAROLD

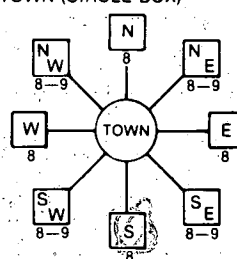
23 SUBDIVISION 42 ENCOT HINSHAM FARM

SECTION 44 46 LOT 2 48 50

52 NEAREST TOWN 71 SYRACSVILLE

MILES FROM TOWN (enter 0 if in town) 2 73 76 77 78 MI

B 4

DIRECTION OF WELL FROM  
TOWN (CIRCLE BOX)

11 32 30 NEAR WHAT ROAD Md 32

ON WHICH SIDE OF ROAD  
(CIRCLE APPROPRIATE BOX)

NORTH ☒ N

WEST ☐ W

EAST ☐ E

SOUTH ☐ S

34 37 DISTANCE FROM ROAD

ENTER FT or MI FT 38 39

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL

COUNTY NAME COUNTY NO. Howard A 39 975

OEP SIGNATURE DATE ISSUED

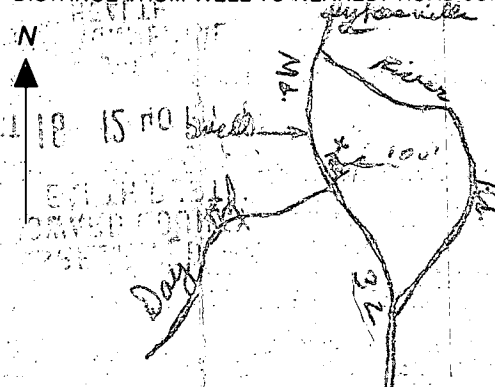
102986 J. Stayer 4/29/86

NORTH GRID 552000 EAST GRID 0810000

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 HEREE 810 0  
N 550 2DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN  
RELATION TO NEARBY TOWNS AND ROADS AND GIVE  
DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

12/23/86 26' casing

22 open

11 bags cement

location as previously  
staked

H<sub>2</sub>O sample taken H9935  
(11a)

graded  
prior to  
arrival

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
OCT 16 12 40 PM '86  
DIVISION OF  
ENVIRONMENTAL  
HEALTH

P-16 C121d  
 12/23/95 Review  
 (12)

[illegible]

C15370

SEQUENCE NO.  
(OEP USE ONLY)

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  
NUMBERA 34 975

DATE Received  
813

DATE WELL COMPLETED  
122386

Depth of Well  
22125  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
10-81-1736

OWNER  
last nameC. L. HOWN  
first nameWILLIAM

STREET OR RFD  
RT 32

TOWN

SUBDIVISION  
FRUITHAM FARM

SECTION

LOT 2

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	
Brown shale	0	20	<div>OK</div>
Gray granite	20	125	

GROUTING RECORD  
WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

YESYNO

TYPE OF GROUTING MATERIAL  
CEMENTCMBENTONITE CLAYBC

NO. OF BAGS112NO. OF POUNDS1634

GALLONS OF WATER66

DEPTH OF GROUT SEAL (to nearest foot)  
from0ft. to72ft.  
(enter 0 if from surface)

CASING RECORD  
casing types  
insert appropriate code below

STCO  
STEEL CONCRETE  
PLOT  
PLASTIC OTHER

MAIN CASING TYPE  
Nominal diameter top (main) casing (nearest inch)  
Total depth of main casing (nearest foot)

ST60616364656670

OTHER CASING (if used)  
diameter inchdepth (feet) from to

SCREEN RECORD  
screen type or open hole  
insert appropriate code below

STBRHO  
STEEL BRASS OPEN HOLE  
PLBRONZE  
PLASTIC OTHER

C2

DEPTH (nearest ft.)

140	25	125
89	1115	1721
2324	2630	3236
3839	4145	4751

SLOT SIZE 123

DIAMETER OF SCREEN  
fromto  
(NEAREST INCH)

5660

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

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

T(E.R.O.S.)WQ  
7072747576

TELESCOPE CASINGLOG INDICATOROTHER DATA

PUMPING TEST  
HOURS PUMPED (nearest hour)3

PUMPING RATE (gal. per min. to nearest gal.)12

METHOD USED TO MEASURE PUMPING RATEhook

WATER LEVEL (distance from land surface)  
BEFORE PUMPING52  
WHEN PUMPING52

TYPE OF PUMP USED (for test)

AairPpistonTturbine  
CcentrifugalRrotaryOother (describe below)  
JjetSsubmersible

PUMP INSTALLED  
DRILLER WILL INSTALL PUMP YESNO  
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:

29

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

3135

PUMP HORSE POWER

3741

PUMP COLUMN LENGTH (nearest ft.)

4347

CASING HEIGHT (circle appropriate box and enter casing height)

+above- below

LAND SURFACE  
(nearest foot)

15051

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 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. 238

DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

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

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)

HEALTH