

9/22/94  
9/28/94  
11:30

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXX-9933 313-2640

05-398371

INDEXED

9/22 0 P.C.O.  
9/28 3 P.C.O.  
P 50261

A 33505

DISTRICT 5th

DATE 9/8/94

DATE SYSTEM APPROVED 9/28/94

INSPECTOR CRS

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5674

SUBDIVISION Brighton Pines I LOT 6 ROAD 13786 Lakeside Drive

PROPERTY OWNER Mr. and Mrs. Tom & Erin McMichael / Clay Ewell

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 225 (2) = 3 (75')

1/2" OK TO DROP INLET DEPTH/BELOW 1'  
TO ACCOMMODATE HOUSE ELV. (CW)

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 145 feet from the front lot line and 180 feet from the left lot line. Run trenches along contour toward left lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/7/94 DKS

PLANS APPROVED BY C. Williams DATE 03/06/91

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 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 PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

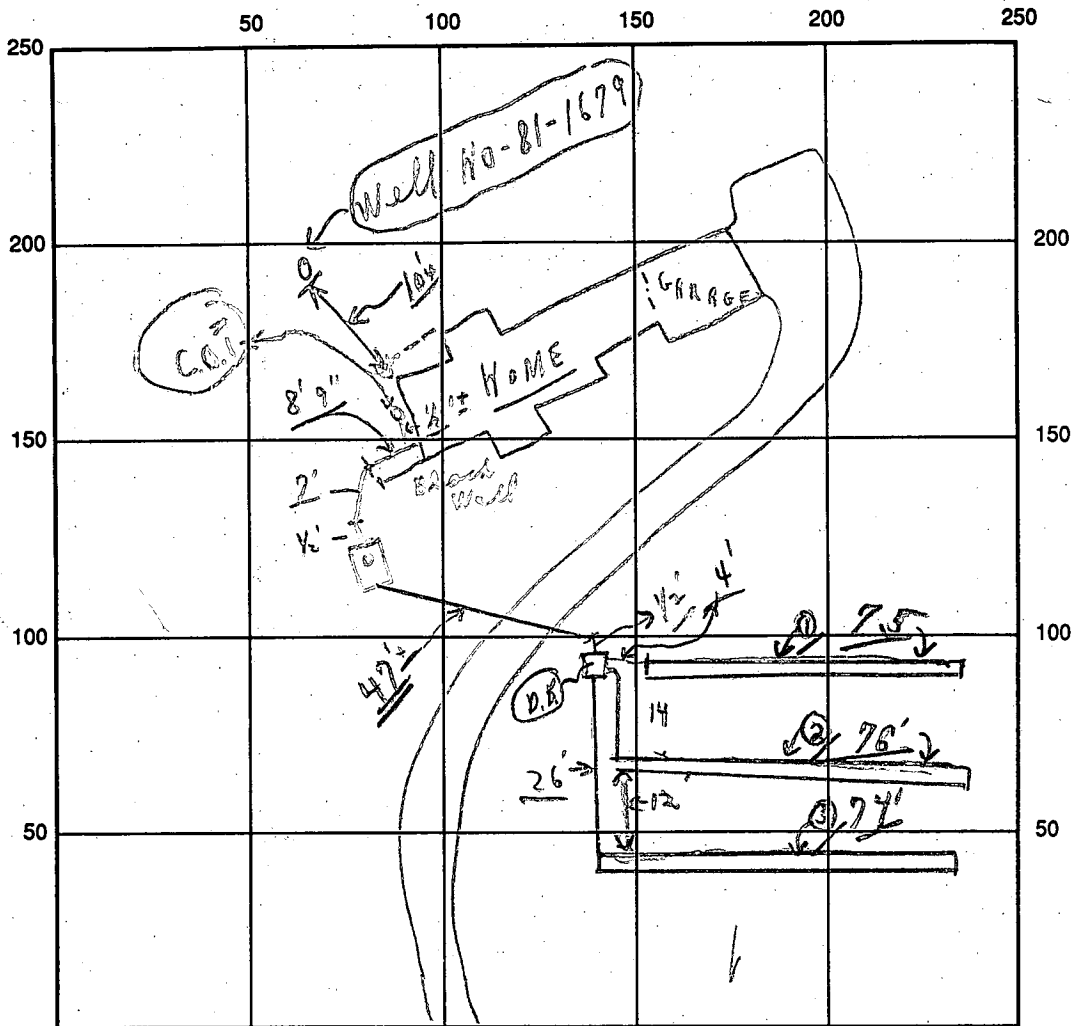
\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-260(6-90)

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

OG. PERMIT SIGNED  
AND RETURNED 5-28-98  
Serial # B17 118117

A 33505



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

LAKESIDE DRIVE

SEPTIC TANK LEVEL OK CLEANOUTS S.T. / C.O. / (at Wall of home)

DISTRIBUTION BOX LEVEL OK (Baffles is in)

DRAIN FIELD/TITLE DEPTH 7 + average FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 + FT. ( 25', 26', 27' ) TOTAL LENGTH 225 FT. *Notes*

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT. *9/20/94 double sleeve under v/slopy*

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 900 SQ. FT.

REMARKS: (9/22/94 ← NOON-IN RAIN) - of to cover from home to  
created tanks - under partition; chd \* (Note of so far end  
of trench to go into hill - WOODED LOT) No other work started;  
8.M. 9/28 - partial job for stones in all (3) trenches and to  
cover from house to D. Box only; chd; P.M. 9/28/94 Parted  
9/22 No W. P.I. chd 1/2 trenches of to cover; 1 trench left chd 9/28 P.M. Later  
w/ POK 1/11/95 P.M. Kind  
 DATE SYSTEM APPROVED 9/28/94 INSPECTOR Charles Bryan

*Prcl.*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33505-

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5

DATE 1-30-84

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 ANNA Mac Cordray Tom McMichael

ADDRESS 4100 Collected Ave DC 20016 PHONE 202-363-2725

PROPERTY LOCATION: BRIGHTON PINES II LOT 6

SUBDIVISION Preppert Prop LOT NO. 16

ROAD AND DESCRIPTION Nicholas Dr (13186 Lakeside Drive)

SIZE OF LOT 3A TYPE BLDG. SFD  
(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.

Richard J. Smith 465-0842  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 8/12/94  
Smith # 557B  
SFD - 5 Bedroom

# THIS IS NOT A PERMIT

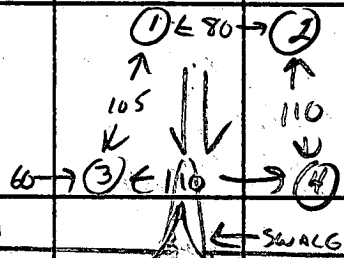
HUES 2-3-4

SOIL PROFILE

0  
CLAY LOAM  
3  
MICA SAND  
12

LOT 16

LOT 15



PROPOSED RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Notes 1

CLAY  
4  
MICA SAND LOAM  
12-

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-22-84	1	4	12:09	12:14	12:14	12:22	8 MIN
		8	12:09	12:12	12:12	12:15	3 MIN
		12					
2-22-84	2	4	12:13	12:18	12:18	12:26	8 MIN
		8					
		12		SANDY			
2-22-84	3	4	12:10	12:13	12:13	12:17	4 MIN
		8					
		12		SANDY			
2-22-84	4	4	12:14	12:18	12:18	12:25	7 MIN
		8	12:14	12:16	12:16	12:18	2 MIN
		12		MICA SAND			

REMARKS SLIGHT SWALE (3' DROP) BISECTS LOWER SIDE OF PERC AREA - NOT SIGNIFICANT

TYPE OF SOIL MICA SAND

TESTED BY C. William

ALSO PRESENT PHIL

EH-12-1079

B 1 5257

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

MD-81-1079

fill in this form completely

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

please print or type

Date Received

8 13

OWNER INFORMATION

15 Last Name: NIGHTLAND, 16 Developer, 17 Owner, 18 First Name: MICHAEL, 19 Street or RFD: 13690, 20 MICHAEL S, 21 DL, 22 Town: CILK, 23 ASYLUM, 24 State: MD, 25 91029, 26 Zip: 76

DRILLER INFORMATION

Driller's Name: Joseph J. Mays, 77 License No. 80: 238, Firm Name: Seta Tiler Co., Address: 5716 Tiler Rd., Mt Airy, MD, Signature: Joseph J. Mays, Date: 9/12/86

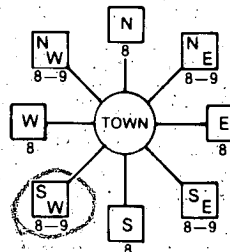
B 3

LOCATION OF WELL

8 COUNTY: HOWARD, 23 SUBDIVISION: BRIGGION RIDGE, SECTION: 7, LOT: 6, Area 2, 52 NEAREST TOWN: WASHINGTON, MILES FROM TOWN: 2.5 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

34 299 37, ENTER FT or MI: 299 FT

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 55, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- [D] HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY), [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION), [I] INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT), [P] PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL), [T] TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME: HOWARD, COUNTY NO.: A-33505, DATE ISSUED: 09/18/86, CO SIGNATURE: B. Nelson, EXP. DATE: 03/18/87, NORTH GRID: 501000, EAST GRID: 0802000

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: 2

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 DEEPEMED AN EXISTING WELL, PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE):

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

APPROP. PERMIT NUMBER: GAP

FORCE: BA, WRITE INITIALS IN BOX: BA, PERMIT No.: MD-81-1079

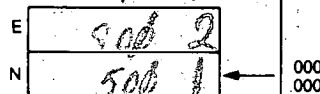
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

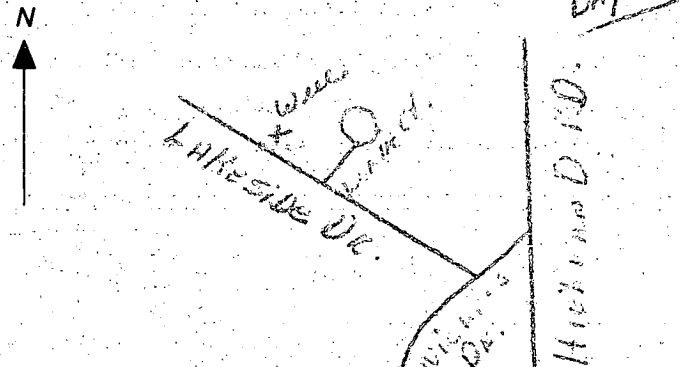
SOURCES OF DRILLING WATER

- 1. WELL, 2., 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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



2/10/87

80' casing

50' open hole

11 bags cement

H<sub>2</sub>O sample taken 100' from

location OK (approx by  
per plot)

200 H<sub>2</sub>O sample taken

9/2/87

C1 5310

SEQUENCE NO. (OEP 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. 36 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER

A-33505

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26

28 37

OWNER DEVELOPER HIGHLAND STREET OR RFD LAKESIDE DRIVE TOWN DAYTON SUBDIVISION BRIGHTON PINES SECTION 1 AREA II LOT 6

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND, 0-72, 72-285, CONCRETE Casing.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC NO. OF BAGS 11 NO. OF POUNDS 1034 GALLONS OF WATER 66 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

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

MAIN Nominal diameter Total depth CASING TYPE top (main) casing of main casing 57 61 63 64 80 70

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

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

DEPTH (nearest ft.) 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51

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. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

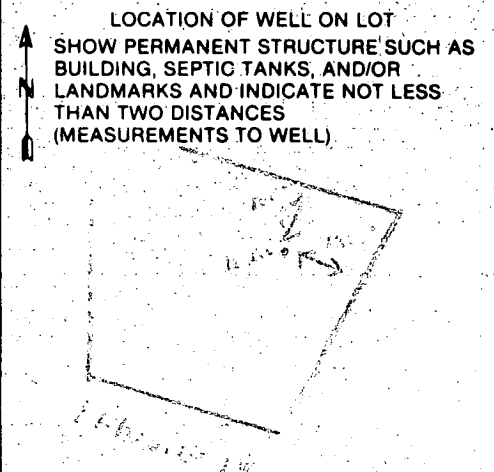
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)





HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
481-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # 101  
Date 1-10-94

Name of Installer Dr. T. Croghan, INC

Telephone 301 972-3278

License Number 1446  
Certified Well Pump Installer

Well Driller

Registered Plumber

Name of Property Owner \_\_\_\_\_

Telephone \_\_\_\_\_

Subdivision Brighton Pines I Lot # 6

Well Tag # HO-81-1629

Site Address 13716 Lakeside Drive

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible \_\_\_\_\_

Motor

- 1. Horsepower \_\_\_\_\_
- 2. RPM \_\_\_\_\_
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220 \_\_\_\_\_

Pitless Adapter

- 1. Make \_\_\_\_\_
- 2. Model # \_\_\_\_\_
- 3. Depth \_\_\_\_\_

2. Make Sta Rite

3. Model # 75P4D02TL-03

4. Capacity 7 GPM

5. Pump exceeds well capacity Yes  No

*But not from bottom of well*

6. If Yes, is low pressure cutoff switch installed? Yes  No

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors At Bottom Cable guards \_\_\_\_\_

Tank

- 1. Capacity \_\_\_\_\_
- 2. Pressure relief valve? yes

Piping

- 1. Type polyethylene
- 2. Size 1"
- 3. NSF and/or BOCA Code approved yes
- 4. Depth of supply line 3'6"

Well

- 1. Depth 12'
- 2. Yield 5 GPM
- 3. Static water level 41 ft.
- 4. Will water supply be disinfected by installer? \_\_\_\_\_

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: \_\_\_\_\_

Date: 1-10-94

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

*pitless adapter + water line  
OK @ 3 ft. 1/11/95*

S 65° 02' E

499.24

Existing Well  
HO ST-11679

LOT 6  
3.00 acres

60' B.R.L.

Limits of Disturbance

DUE 404.42

30' B.R.L.

Insert Proposed grade  
Existing grade

498.0 501.0 502.0

Clear Standpipe 3' to grade

1,500 gallon Septic tank

496.0 506.0 499.0

Distribution Box

500

1st Floor 510.0  
Basement 502.25 509.6 502.6

LOT 7

NOTE:

Trench length to be determined  
at time of septic permit  
issuance

Approved Septic System Plan  
Howard County Health Department

Amy McMullen 8/12/94  
Signature Date

AREA OF DISTURBANCE = 28,000 sq. ft.

LAKESIDE DRIVE

LOT 6 BRIGHTON PINES  
Scale 1" = 30'

