

11-89 House connection needed. JEN

11/1/89 ASAP

2130

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

05-396107

DATE 10-20-89

DATE SYSTEM APPROVED 6/20/90

INDEXED

INSPECTOR R/H

P 45101
A 33527

C. C. Cissel IS PERMITTED TO INSTALL ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland PHONE 854-2006

SUBDIVISION Brighton Pines I ROAD 13761 Lakeside Drive LOT 13

PROPERTY OWNER William Delee

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 3

256
3
576.8
153.6
154 ft trench

TRENCHES - 256 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide.
Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone

LOCATION - below distribution pipe. (40 10-20-89 JW)
Start first trench 125 feet from the front lot line and 140 feet from the left lot line. Run trench(s) along level ground toward right 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.

PLANS APPROVED BY C. Williams / JW 10-20-89 DATE 2/15/85

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

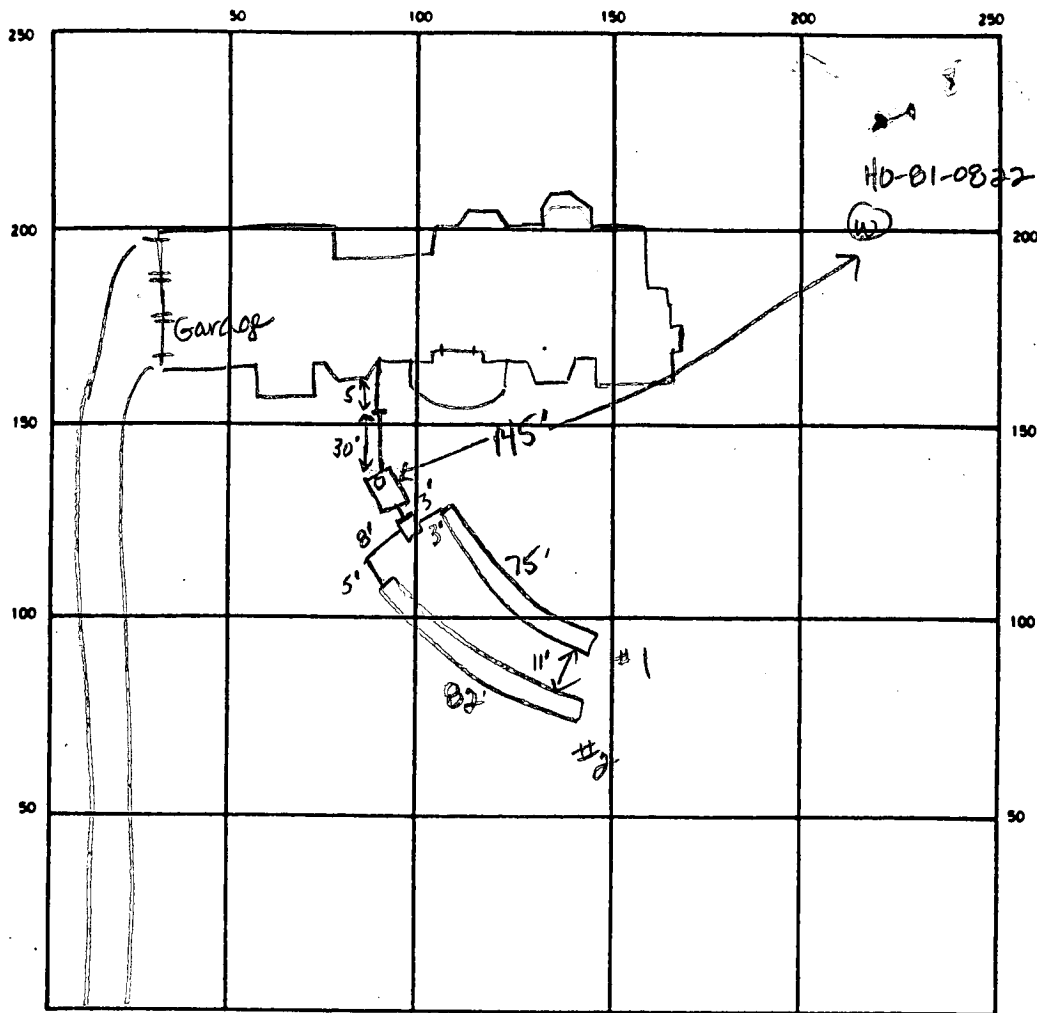
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

33527



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Lakeside Drive

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL ok w/ baffle

DRAIN FIELD/TILE FIELD. DEPTH 9.0 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 3.5 FT.

EFFECTIVE GRAVEL DEPTH 5.5 5.0 FT. TOTAL LENGTH 75 82 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 412.5 410 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 822+ SQ. FT.

REMARKS 11-1-89 OK to finish stoning trenches, add paper. Leave both ends open to inlet depth. Lower slope 10 ft ahead of tank to 1/4 in drop / 1 ft max. JEN 11-1-89 OK to cover all work. Needs house connection. JEN 6/19/90 HOUSE CONN NOT VISIBLE - ALL WORK COVERED, NO ONE PRESENT MR 6/20/90. HOUSE CONNECTED (TOILET PLUSHED) TO TANK

DATE SYSTEM APPROVED 6/20/90

INSPECTOR Raymond Hodges

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33527

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 M. G. Cothran William DeLee 381-2156

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

PROPERTY LOCATION: BRIGHTON PINES I

SUBDIVISION Support Prop LOT NO. 13 38

ROAD AND DESCRIPTION Nichols Dr 13761 Lakeside Dr

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. Dammit 465-0842
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Deep trenches DATE 12-20-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS C Williams DATE 2-9-84

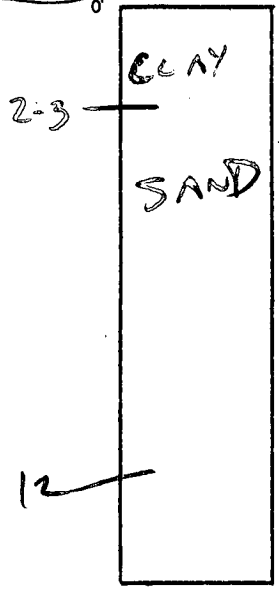
REASONS FOR REJECTION OR HOLDING CERTIFIED LOCATIONS REQUIRED CW

BLDG. PERMIT SIGNED
AND RETURNED 12-20-88
BP 22557
87A

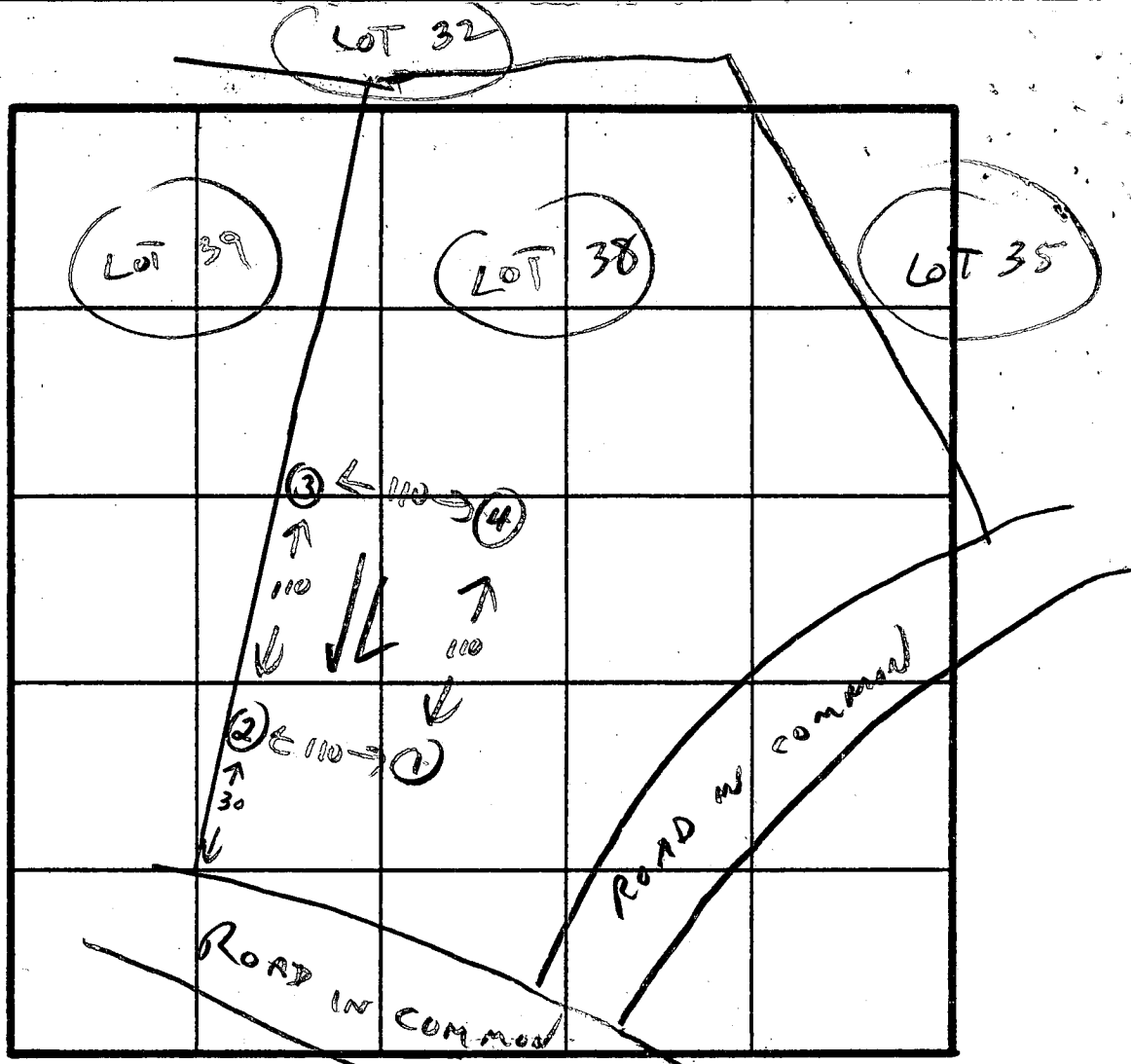
THIS IS NOT A PERMIT

162

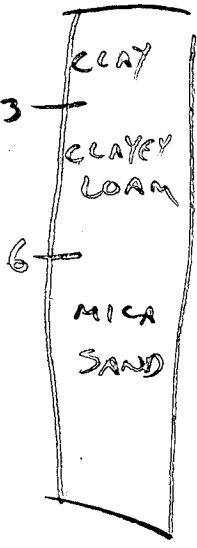
SOIL PROFILE



3+4



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-9-84	1	4	2:09	2:11	2:11	2:13	2 MIN
		8	2:09	2:11	2:11	2:13	
		12	SANDY				
2-9-84	2	4-7	1:39	1:41	1:41	1:43	2 MIN
		9	1:39	1:41	1:41	1:43	
		12	SANDY				
2-9-84	3	4	1:54	2:05	2:05	2:25	20 MIN
		8	1:54	1:58	1:56	1:58	2 MIN
		12	SANDY				
2-9-84	4	4	2:05	2:21	2:21	2:34	13 MIN
		9	2:09	2:14	2:14	2:22	6 MIN
		12	SANDY				
(LOT LINES REDRAWN - USING HOLES 4+1 FROM THIS SHEET AND HOLES 3+4 FROM A 33524 (OLD BOT 35 NEW LOT 25) BOTH 2 MIN AT							

$\bar{x} = 0 \text{ mm}$

39
6
15
24

4'
8'
12' OK ✓

REMARKS CERTIFIED LOCATIONS REQUIRED

TYPE OF SOIL 2-3' CLAY CHANGING TO SAND

TESTED BY CWILLIAMS ALSO PRESENT PERMIT

EH-12-1079

9
4
36
36
72

B 1528

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-0822

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

please print or type

fill in this form completely

Date Received 4/9/84 9:30 AM

OWNER INFORMATION

WEISKOPF RICHARD 13690 NICHOLS DRIVE CLARKSVILLE MD 21029

B 3

LOCATION OF WELL

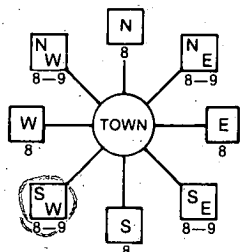
HOWARD COUNTY BRIGHTON PIMPS SECTION I LOT 13 DAYTON MILES FROM TOWN 2.5 MI

DRILLER INFORMATION

Joseph L. Mayne 238 Joseph L. Mayne Well Drill 5712 Ridge Rd. Mt. Airy, MD Joseph L. Mayne 12/21/84

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Lakeside Dr. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH

180 DISTANCE FROM ROAD ENTER FT or MI 7+

B 2

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 A33527 COUNTY NAME COUNTY NO. OEP SIGNATURE DATE ISSUED 123184 Frank Skema 6/30/85 CO SIGNATURE EXP. DATE NORTH GRID 5000000 EAST GRID 0802000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST 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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

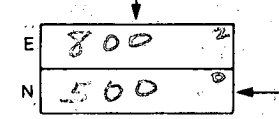
N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY D THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER GAP

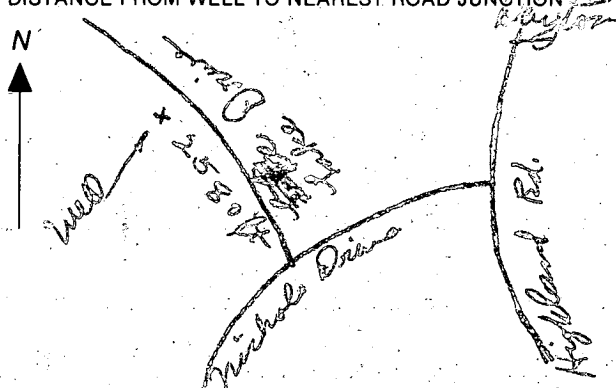
FORCE C W WRITE INITIALS IN BOX PERMIT No. HO-81-0822

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



LOCATION OK 1 FT CASING 1 FT ABOVE GR OPEN HOLE NOT MEASURED BUT STARTED BEFORE ARRIVED. 5 BAGS CEMENT 1-9-85 CW

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



SPECIAL CONDITIONS

C1 3029 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

(THIS REPORT IS TO BE PUNCHED IN ALL CARDS)

COUNTY NUMBER A 33 527

DATE Received DATE WELL COMPLETED 070985

Depth of Well 325 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0822

OWNER WEISKOPT RICHARD last name first name STREET OR RFD LAKESIDE DR. TOWN DAYTON SUBDIVISION BRIGHTON PINES SECTION I LOT 13

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. Rows include Brown Shale, Sand, and Magnesian rocks.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 15 NO. OF POUNDS 1470

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

MAIN CASING TYPE S+ Nominal diameter top (main) casing 6 Total depth of main casing 116

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.) 40 115 325. SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test) S submersible

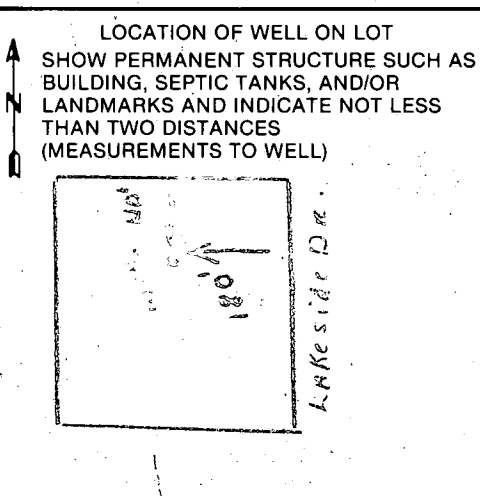
PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

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)



Date 1/9/85

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0822
 Location of property (road) Lakeside Dr.
 Subdivision Brighton Pines Lot 13 Block Plat Sec. I
 Well Driller Joseph Mayne Owner Richard Weiskopf

Depth of well 325'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 45'

High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 9
 Total time 45 min. to reach pumping water level 200 ft. below M.P.

1. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill # gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	115	6 sec.		10
8:30	170	7		9
8:45	200	7		9
9:00	200	30		2
9:15	200	30		2
9:30	200	30		2
9:45	200	30		2
10:00	198	30		2
10:15	198	30		2
10:30	198	30		2
10:45	197	30		2
11:00	197	30		2
11:15	197	30		2
11:30	197	30		2
11:45	197	30		2
12:00	197	30		2
12:15	197	30		2
12:30	197	30		2
12:45	197	30		2
1:00	197	30		2
1:15	197	30		2
1:30	197	30		2
1:45	197	30		2
2:00	197	30		2

10/24/89
PM

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation
Replacement

Receipt # 45040
Date 10/19/89
Telephone 531-3311

Name of Installer Crouse P+H

License number 10532
Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner DeLee Telephone 381-2156
Subdivision Highland ~~Deer~~ Brighton Pines Lot # 13 Well tag # HO-81-0827
Site Address 13761 Lakeside Drive
Clarksville, Md. 21029

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 Good goods
- 3. Model #
- 4. Capacity GPM

- 5. Pump exceeds well capacity Yes No
- 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 Cable guards Other

Tank

- 1. Capacity 10 gal.
- 2. Pressure relief valve?

Piping

- 1. Type Plastic
- 2. Size 1"
- 3. NSF and/or BOCA Code approved
- 4. Depth of supply line 42"

Well data

- 1. Depth ft.
- 2. Yield GPM
- 3. Static water level ft.
- 4. Will water supply be disinfected by installer?

P.A. OK @ 4'B-G.
10/24/89 MR

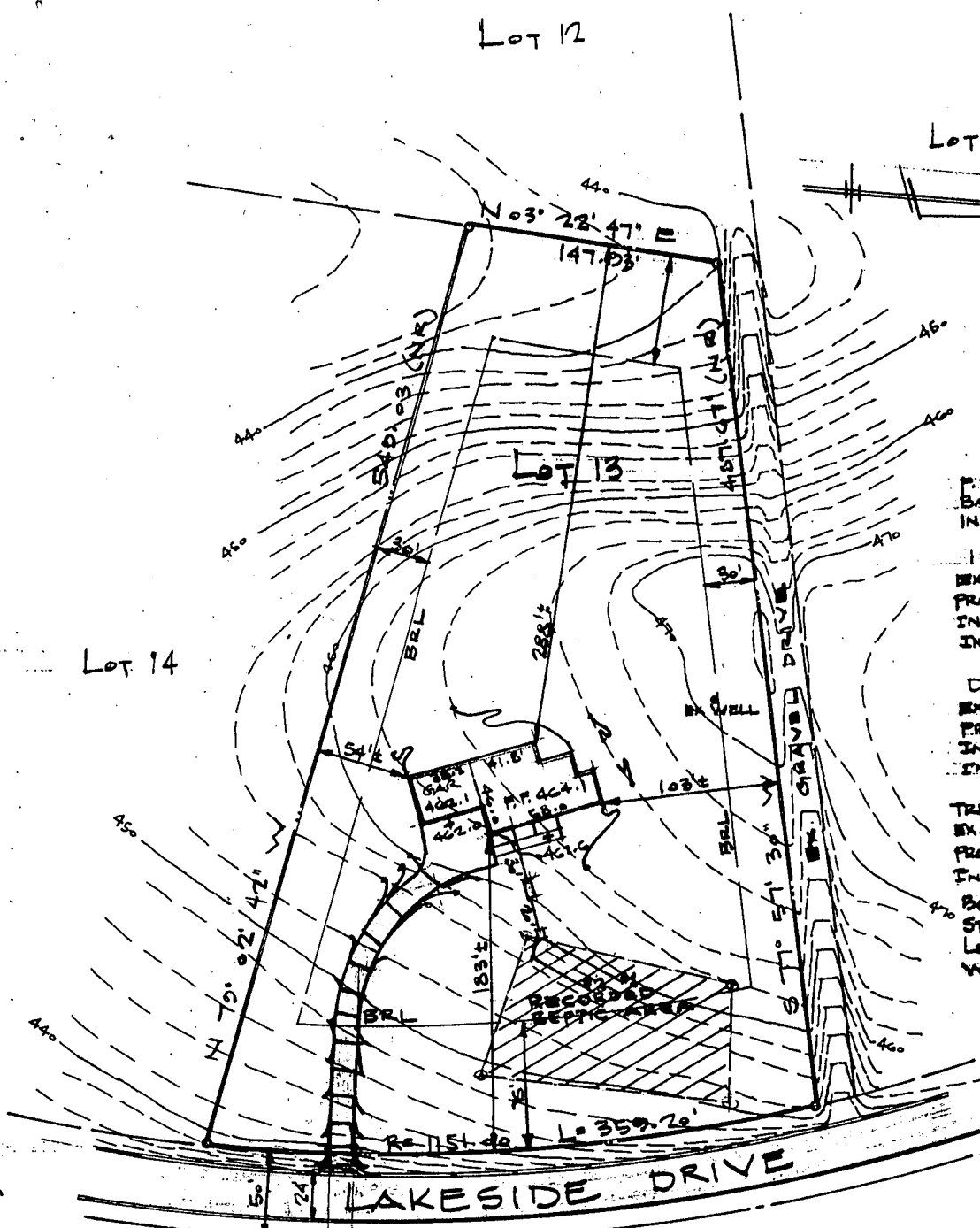
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: James K...

Date: 10/16/89

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



House
 P.F. ELEV. 464.1 ✓
 BASEMENT 455.1 ✓
 INVERT 454.37 ✓ + P.S.M.T.

1500 GAL SEPTIC TANK
 EX. GRADE 460.5 ✓
 PROP. GRADE 460.5 ✓
 INV. IN. 457.00
 INV. OUT 456.50

DISTRIBUTION BOX
 EX. GRADE 458.0
 PROP. GRADE 458.0
 INV. IN. 454.0
 INV. OUT. 454.50

TRENCHES	#1	#2
EX. GRADE	458.3	456.4
PROP. GRADE	468.3	456.4
INLET	455.3	455.4
BOTTOM	450.3	445.4
STONE	5.0	5.0
LENGTH	77'	77'
WIDTH	2.0	2.0

INV OUT OF
 House changed
 to 457.4
 for EVERET
 SMITH
 ENGINEER

GRADING PLAN
 Lot #13
 BRIGHTON PINES
 Sec. 1 Area 1

for
 William DeLee
 7497 Swan Point Way
 Columbia, Maryland 21045
 Plat #6012

*Elevations on after
 Inv. Change.* *JAL*

BUDG. PERMIT SIGNED
 AND RETURNED 12-20-88
 BP22557
JAL

I CERTIFY THE ABOVE MEASUREMENTS
 AND ELEVATIONS TO BE ACTUAL AND TRUE
 FOR THIS PROPERTY.

C. Brooke Miller
 C. BROOKE MILLER, RPLS #135 10-24-88

SMITH MILLER ASSOCIATES, INC.
 Registered Land Surveyors
 13054 Tarragon Road
 Reisterstown, Maryland 21136
 (301) 833-5905

Date: October 18, 1988 Scale: 1"=100'

Howard County
 FILE # A-33527