

11-25-87 Must repair ST cleanout, not properly grouted to tank. May be broken. JEN 11/17 PM

HOUSE CONNECTION RECD DE 11-25-87 JEN  
P 4034P  
A 33530

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED  
05-396131

DATE 10/24/89

DATE SYSTEM APPROVED 12/23/88

INSPECTOR RJA

C. Edward Abend & Sons Plumbing Company IS PERMITTED TO INSTALL  ALTER

ADDRESS 1329 Tannery Hill Road, Westminster, Maryland PHONE 848-0204

SUBDIVISION Brighton Pines I ROAD 13743 Lakeside Drive LOT 16

PROPERTY OWNER John Nelson Carl Hahn

ADDRESS \_\_\_\_\_

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

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

INDEXED  
790

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Start the first trench 150 feet from the front (323.29') lot line and 35 feet from the right (435') lot line. Run trench(s) along level ground towards 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.

BLDG. PERMIT SIGNED AND RETURNED 10/24/89  
Serial # 57509  
Underground propane tank

PLANS APPROVED BY C. Williams 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 TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

BLDG. PERMIT SIGNED AND RETURNED 10/24/89  
Serial # 57911  
Interior alterations

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.

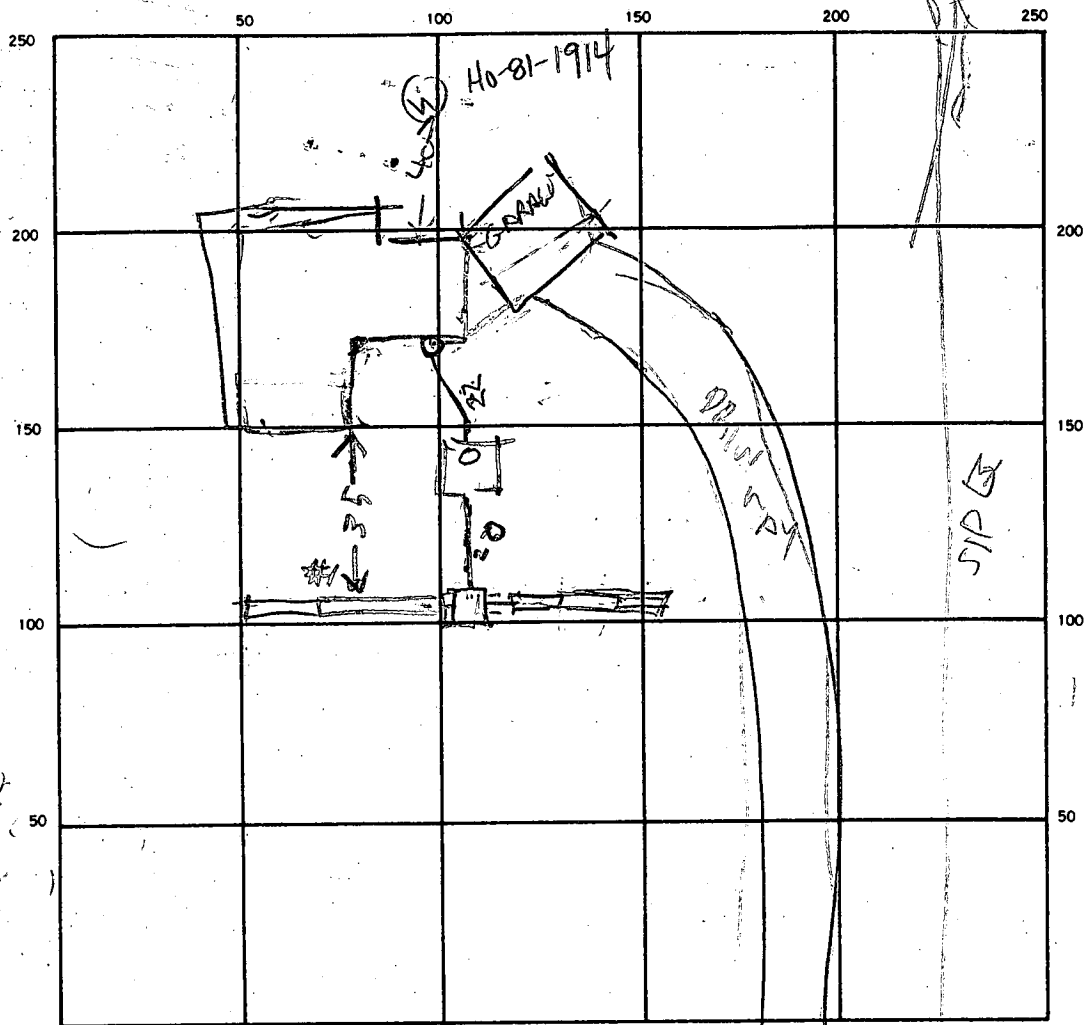
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

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

EH - 2-1186

2/23/88 AM

A 33530



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.  
**LAKESIDE DRIVE**

SEPTIC TANK LEVEL 1500 CLEANOUTS 3/1 OK, 1 on line outside house

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD DEPTH 1 1/2 FT. TRENCH WIDTH 2 1/2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 68 1/2 FT.

NUMBER OF TRENCHES	<u>2</u>	ONE SIDEWALL/BOTTOM AREA	<u>409</u>   <u>384</u>	SO. FT.	<u>792</u>	TOTAL REQUIRED	<u>790</u>
DRYWELL INSIDE DIAMETER	<u>        </u>	EFFECTIVE DEPTH BELOW INLET	<u>        </u>	FT.	<u>        </u>		
ABSORBENT AREA	<u>792</u>	SQ. FT.					

$$\begin{array}{r} 792 \\ - 2 \\ \hline 790 \end{array}$$

REMARKS 11/16/87 LOCATION LOOKS OK PER OLD FINKH  
DIGGING TRENCH #1 & ADD STONE, DIG TRENCH #2 HOOK UP  
TRENCH & CALL RH 11/17/87 COVER TRENCH #1 FINKH TRENCH #2  
ADD STONE HOOK UP TANK & CALL BRIDGES 11/18/87 - SOME STONES PUT  
IN END OF TRENCH #2 11/18/87 300PM - COVER TRENCHES & TANK  
CALL FOR INSPECTION OF HOUSE SEWER WHEN READY 11-25-87 House connect.  
OK. REPAIR ST CLEANOUT, call when ready. JEN 2/23/88 CLEAN OUT FIXED  
 DATE SYSTEM APPROVED 2/23/88 INSPECTOR Raymond H. [unclear]

Permit

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33530

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 MacCarthy JOHN NELSON

ADDRESS 4100 Colubal ave DC 20016 PHONE 202-363-2725

PROPERTY LOCATION: BRIGHTON PINES I 16

SUBDIVISION Proppert Prop LOT NO. 44

ROAD AND DESCRIPTION ~~Nichols Dr~~ 13743 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. Deamant 465-0842  
(SIGNATURE OF APPLICANT)

APPROVED BY Srd Abel FOR Deep Trenches DATE 9-10-87

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

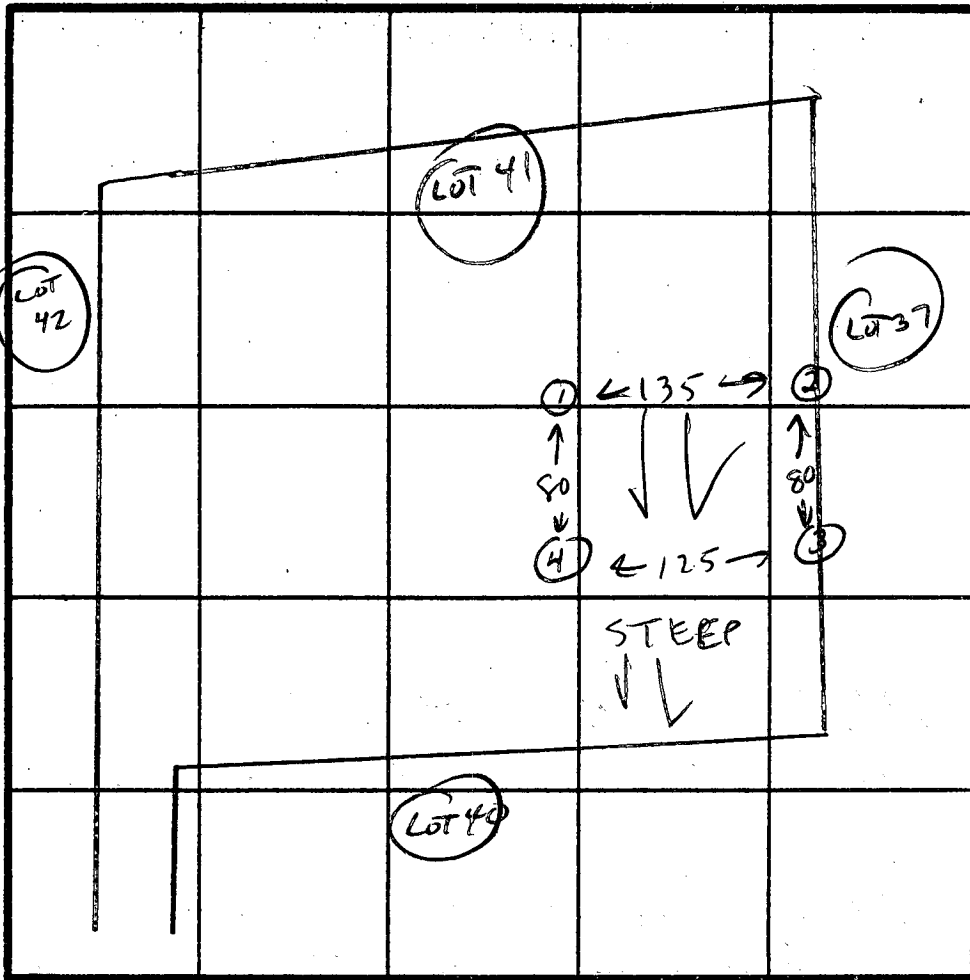
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

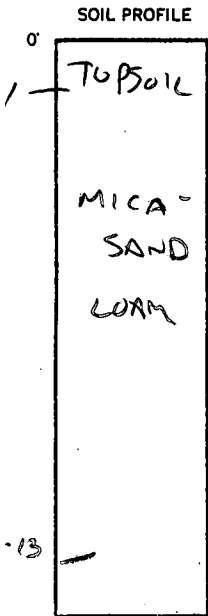
BLDG. PERMIT SIGNED  
AND RETURNED 9-10-87  
BP # 13741

# THIS IS NOT A PERMIT

SNW



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2-10-84	1 } HIGH	3	1:41	1:43	1:43	1:45	2 MIN	
		9						
		12	MICA SAND					
2-10-84	2	3	1:51	1:54	1:54	2:00	6 MIN	
		9	1:51	1:52	1:52	1:54	2 MIN	
		13	MICA SAND					
2-10-84	3 } LOW	3	1:55	2:58	1:58	2:02	4 MIN	
		9	1:55	1:57	1:57	1:59	2 MIN	
		12	MICA SAND					
2-10-84	4	3	1:44	1:46	1:46	1:48	2 MIN	
		9						
		13	MICA SAND					

REMARKS HOLES 2 & 3 ARE ALSO USED FOR LOT 37

TYPE OF SOIL MICA SAND LOAM

TESTED BY C. Williams ALSO PRESENT PHIL DENNETT

B 7 1510

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HC-81-1914

fill in this form completely

Date Received

9:30 AM 8/17/87 OWNER INFORMATION

Owner information form with fields for Last Name (Parker), First Name (A. E.), Street or RFD (6472 Sligo Mill Rd), Town (Takoma Park), State (MD), and Zip (20912).

B 3

LOCATION OF WELL

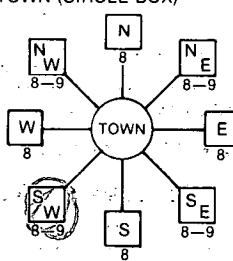
Location of well form with fields for County (Howard), Subdivision (Baltimore Pines), Section (1), Lot (16), Nearest Town (Dorchester), and Miles from Town (2 1/2).

DRILLER INFORMATION

Driller information form with fields for Driller's Name (Joseph L. Wayne), License No. (238), Firm Name (Joseph L. Wayne Well Drilling), Address (5512 Ridge Rd. Mt. Airy, Md), and Date (1/7/87).

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Take Side Drive NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



630 DISTANCE FROM ROAD

ENTER FT. or MI FT

B 2

WELL INFORMATION

Well information form with fields for Approx. Pumping Rate (5 GAL. PER MIN.) and Average Daily Quantity Needed (500 GAL. PER DAY).

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (single or double household unit only) - circled
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

Approval section with fields for County Name (Howard), County No. (A 33530), OEP Signature (B. Nolan), Date Issued (02/18/87), State Health Department Signature, and Exp. Date (08/18/87).

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

- Bored (or Augered) - circled
Jetted & Driven
Air-Rotary
Air-PerCussion
Rotary (Hydraulic Rotary)
Cable
Reverse-Rotary
Drive-Point
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

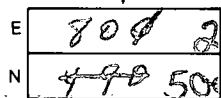
- N - This well will not replace an existing well - circled
Y - This well will replace a well that will be abandoned and sealed
S - This well will replace a well that will be used as a standby
D - This well will deepen an existing well
Permit number of well to be replaced or deepened (if available)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

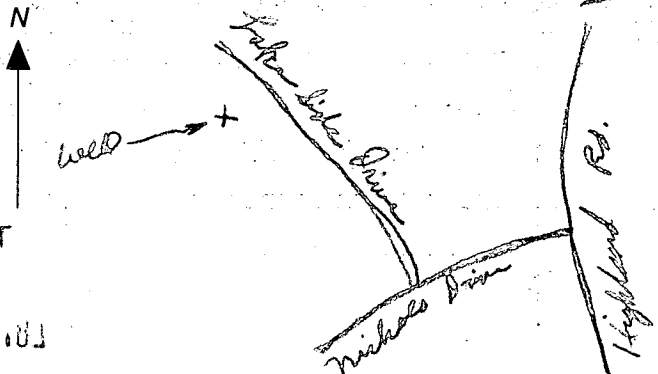
- 1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



Handwritten notes: 2/26/87 WELL GROUT OK SEE OTHER SIDE 80 CUBIC FT 500 FT 135 BAGS / SAW

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



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

APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT NO. HC-81-1914

SPECIAL CONDITIONS

2/26/87

- ① Well Depth 305 FT
- ② Depth casing 67 ft
- ③ 35 FT open hole
- ④ 18 bags
- ⑤ Information obtain from well owner Johnny
- ⑥ Well OK

*[Handwritten signature]*

DIVISION OF ENVIRONMENTAL HEALTH

JAN 8 12 48 PM '87

RECEIVED HOWARD COUNTY HEALTH DEPT.

C1 3863

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 CGLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 33530

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER

BAKER

A.S.

STREET OR RD

LAUREL DRIVE

TOWN

DAYTON

SUBDIVISION

BRIGHTON PINES

SECTION

1

LOT

16

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 FROM TO Check if water bearing

Table with columns for description, feet from, feet to, and check if water bearing. Includes handwritten entries like 'sand' and '74 265v'.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

Grouting record boxes: Y (yes), N (no)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 13 NO. OF POUNDS 1222

GALLONS OF WATER 78

DEPTH OF GROUT SEAL (to nearest foot)

Grid for depth of grout seal from and to

CASING RECORD

casing types insert appropriate code below

Casing record boxes: ST (steel), CO (concrete), PL (plastic), OT (other)

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

Grid for main casing diameter and depth

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

Grid for other casing diameter and depth

SCREEN RECORD

screen type or open hole insert appropriate code below

Screen record boxes: ST (steel), BR (brass), HO (open hole), PL (plastic), OT (other)

DEPTH (nearest ft.)

Grid for screen depth at various intervals

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

Grid for diameter of screen

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

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

Grid for OEP use only

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)

Grid for hours pumped

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

Grid for pumping rate

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

Grid for water level before pumping

Grid for water level when pumping

TYPE OF PUMP USED (for test)

Pump type selection boxes: A (air), P (piston), T (turbine), C (centrifugal), R (rotary), O (other), 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)

Grid for capacity

PUMP HORSE POWER

Grid for pump horse power

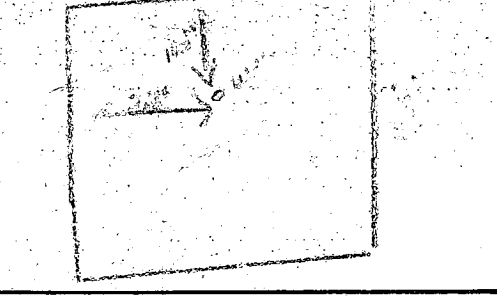
PUMP COLUMN LENGTH (nearest ft.)

Grid for pump column length

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (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)



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)

1/16/87  
anytime

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 Yes  
Replacement \_\_\_\_\_

Receipt # 40347  
Date 10/26/87

Name of Installer C. Edward Abend

Telephone 848-0204

License number 2276

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner John E Nelson III

Telephone 760-3841

Subdivision Brighton Pines Lot # 16

Well tag # HO-81-1914

Site Address 13748 Lakeside Dr.  
13743

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 HAWAII
- 2. Model # PT 800
- 3. Depth 4"

2. Make Myers

3. Model # 52552-554P

4. Capacity 4 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 60 gal.
- 2. Pressure relief valve? 75 lb

Piping

- 1. Type Blue Poly
- 2. Size 1" 160 lb
- 3. NSF and/or BOCA Code approved CP2B113.862
- 4. Depth of supply line 4"

Well data

- 1. Depth 273 ft.
- 2. Yield 8 GPM
- 3. Static water level 64 ft.
- 4. Will water supply be disinfected by installer? \_\_\_\_\_

INT 11/16/87  
447.0'  
↑  
442.00

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: C. Edward Abend

Date: \_\_\_\_\_

11/16/87 - OK TO COVER OUTSIDE WORK

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

PRESSURE TANK NOT YET IN STALLED

9/10/87  
ELEVATIONS at  
SMB

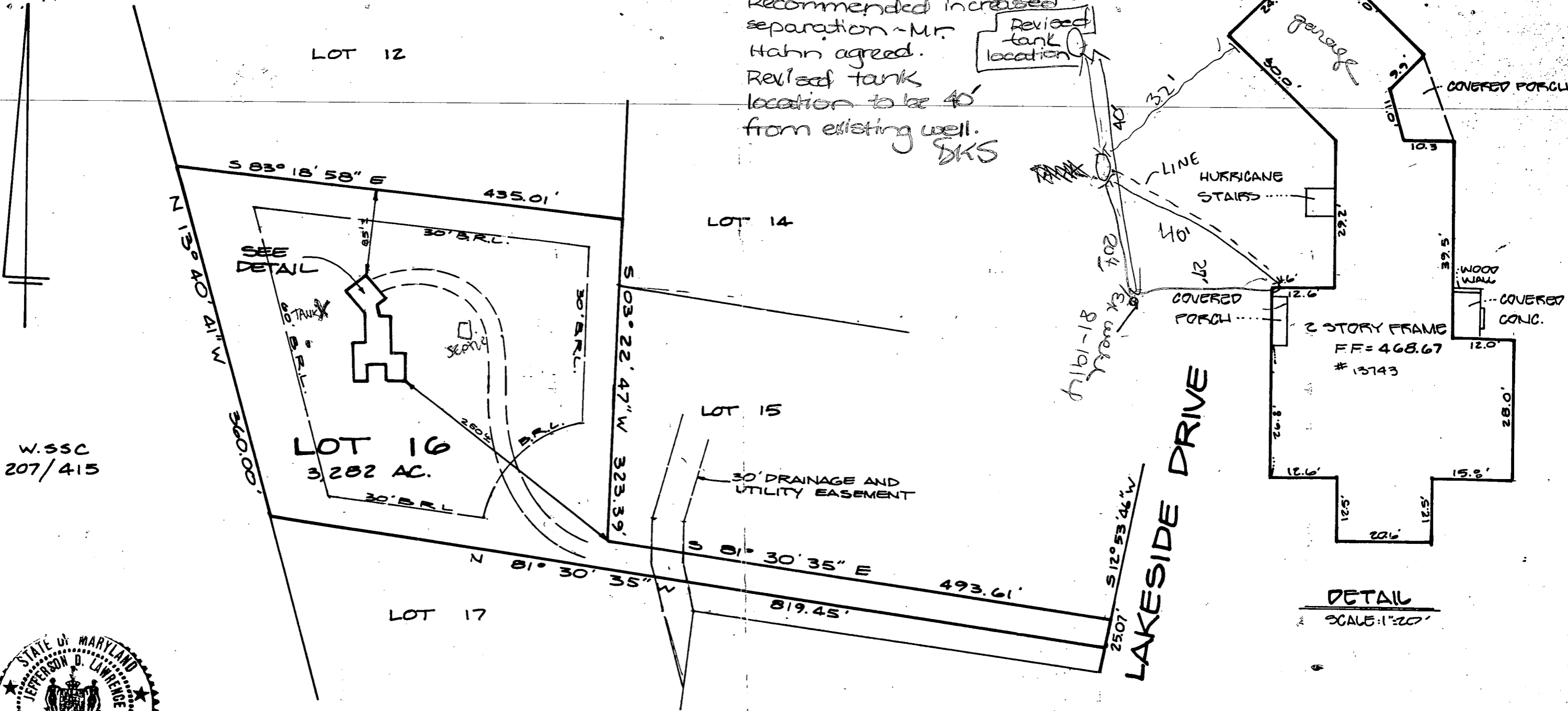
BLDG. PERMIT SIGNED  
AND RETURNED 9/10/87  
SMB

BP # 73741



Spoke to Mr. Hahn 12/12/87 9:00  
 explained concern of closeness  
 of tank to well (~20').  
 Recommended increased  
 separation - Mr.  
 Hahn agreed.  
 Revised tank  
 location to be 40'  
 from existing well.  
 BKS

Revised  
 tank  
 location



W.S.S.C  
 207/415



SCALE: 1" = 100'

DETAIL  
 SCALE: 1" = 20'

**SURVEYOR'S CERTIFICATE**  
 I hereby certify to the best of my knowledge and belief that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements were located by field practices and include permanent visible structures and encroachments, if any. This Plat is not for determining property lines, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this Plat.  
 No title report furnished.  
 Jefferson D. Lawrence  
 Professional Land Surveyor No. 5216

WALL CK. NOV. 2, 1987  
 FINAL LOC.  
 REPERT.

**DC** DEVELOPMENT CONSULTANTS GROUP  
 17904 GEORGIA AVENUE  
 OLNEY MARYLAND, 20832  
 301-924-4570

13743 LAKESIDE Dr.  
 CLARKSVILLE, MD 21029

LOT 16  
**BRIGHTON PINES**  
 SECTION ONE, AREA ONE  
 HOWARD COUNTY, MD.

LOT 16, PARCEL 396, BLOCK 7, ZONE RR  
 ZONE MAP 34 CENCUS TRAT 6051.01

DATE NOV. 87	SHEET 1
DRAWN M.D.R.	OF 1
CHECK	
SCALE 1" = 100'	PROJECT NO. 100-33

