

3-2-89 Needs Stamp of [unclear]

05-305813

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 42973

A 38975

DISTRICT 5th

DATE 11/10/88

DATE SYSTEM APPROVED 3-2-89

INSPECTOR S. Abel

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

2-17-89
2-16-89
10:30am
3pm
2-2-89
after 12noon
3/1/89
3/1/89
2:15 PM

Custom Home Center

IS PERMITTED TO INSTALL ALTER

ADDRESS 304 Montgomery Street, Laurel, Maryland 20707 PHONE 498-5858

SUBDIVISION Hopkins ~~Meade~~ Meade ROAD 7343 Pindell School Rd. LOT 67

PROPERTY OWNER Lloyd E. Lilly

ADDRESS 304 Montgomery Street, Laurel, Md. 20707

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

3' 194
5' 172.6
155.2 ft trench

TRENCHES - 194 sq. ft. absorbent sidewall area per bedroom. Trench to be 2 ft. wide. Inlet 4 ft. below original grade. Bottom maximum depth 9 ft. below original grade. Effective area begins 4 ft. below original grade. 5 feet of stone below distribution pipe. Beginning from the left front lot corner, place the first trench 140 ft. down the left (220') line and 160 feet off the left line as seen when facing property from Pindell School Road. Run trenches along contour towards the rear (200!) lot line. NOTE: MAINTAIN MINIMUM 100 FEET FROM WELL TO SEPTIC.

OK/BA

PLANS APPROVED BY Bert Nixon DATE 7/21/87

- 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(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.
- 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.

MDG. PERMIT SIGNED
AND RETURNED 3/28/89
Serial # 24281

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS. 2 can gauge EH - 2-1186

A 38975

Incl. 4/29/87 1:30 PM

APPLICATION

PERCOLATION TESTING

A 38975
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____
DATE 3/26/87

Date 7 MAs Lilly given 3-24-87 OK TO PROCEED

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 LEELA M. SCHMIRCHKE

ADDRESS 7337 Pindell School Rd. PHONE 498-5455

PROSPECTIVE BUYER FLOYD E. LILLY owner per BP

ADDRESS 304 MONTGOMERY ST. LAUREL MD. PHONE 498-5858

PROPERTY LOCATION:

SUBDIVISION Hopkins Meade LOT NO. 67

ROAD AND DESCRIPTION 7343 Pindell School Rd.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 1 ACRE TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. Leela M. Schmirchke
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney W. Abel FOR deep trenches DATE 7-5-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING state? perc satisfactory, paid for P.A.F. still

BLDG. PERMIT SIGNED
AND RETURNED 7-5-88
BP 19606 S-Abel

THIS IS NOT A PERMIT

House IN BACK OF THIS LOT

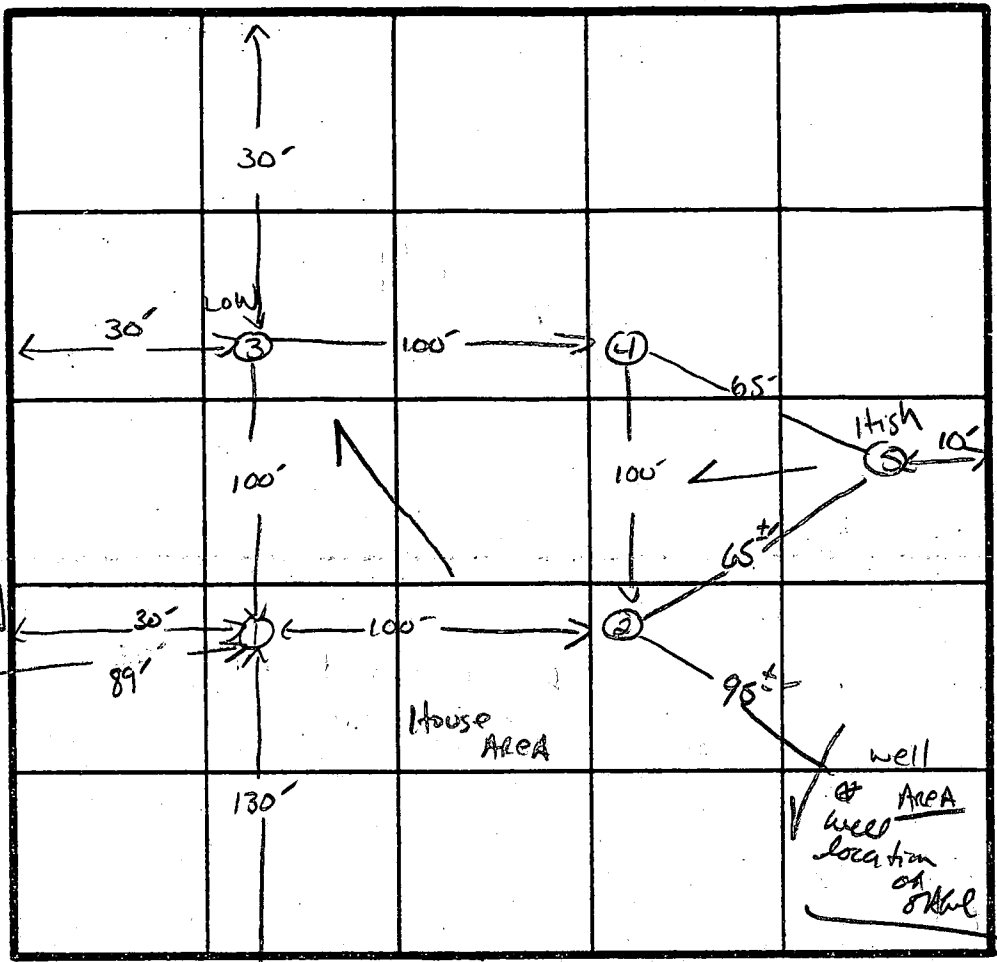
Well 100' Away

① → ⑤
SOIL PROFILE

8' 1" A1-3
Yellow loam
Silt loam
2-10% frags
9-12% clay

4" Yellow Bl
w/ Pink
(Red Br)
veins
Silt loam
Highly
micaceous
15-20%
Frags

13"



x PERC 16 min
194 4/16R
INLET 4"
BOTTOM 9"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Q Pindell School Rd.

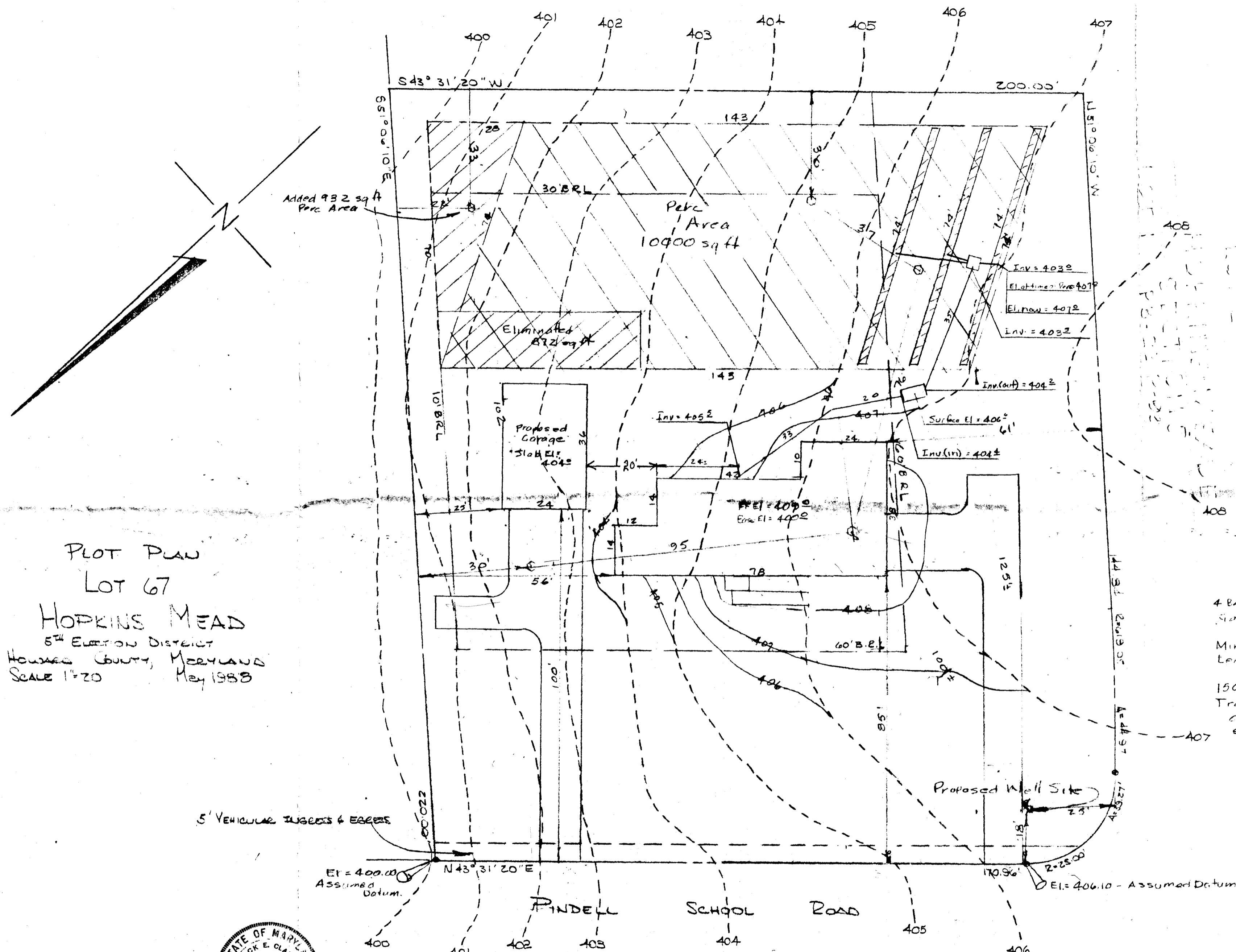
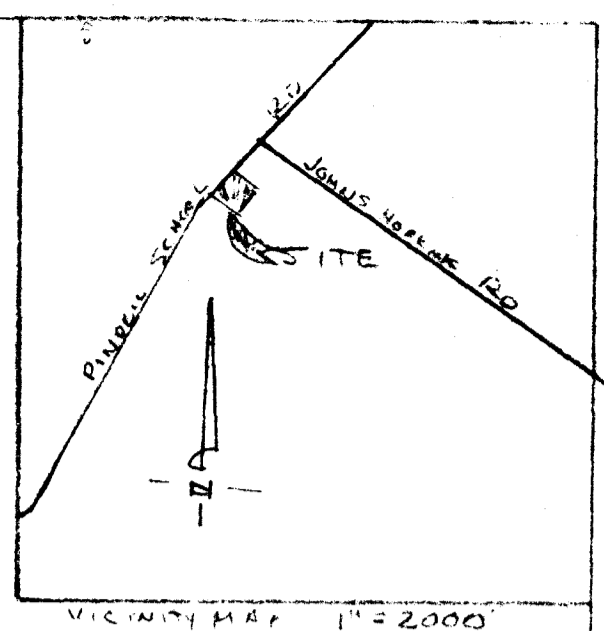
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/29/87	1S	5"	12:02	12:06	12:06	12:13	7 min
	1V	13"	UNIFORM SOIL below		4"		
	2S	5"	12:13	12:24	12:24	12:44	20 min
	2V	13"	UNIFORM SOIL below		3.5"		
	3S	5"	12:07	12:12	12:12	12:23	11 min
	3V	13"	UNIFORM SOIL below		4.0"		
	4S	4.5"	12:27	12:36	12:36	12:56	20 min
	4M	9"	12:18	12:25	12:25	12:36	11 min
	4V	13.5"	UNIFORM SOIL below		3.5"		
	5V	13"	UNIFORM SOIL below		3.5"		

REMARKS Perce may be adjusted TO ACCOMMODATE HOUSE SITE. S. Abel

TYPE OF SOIL Glendale

TESTED BY S. Abel ALSO PRESENT Floyd Lilly

EH-12-1079

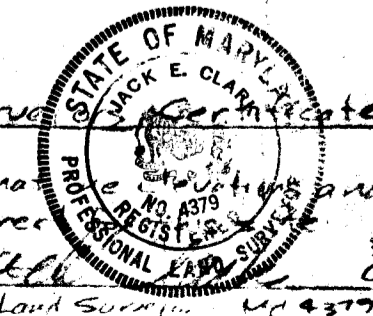


PLOT PLAN
 LOT 67
 HOPKINS MEAD
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1"=20' May 1988

Septic System Reqts
 4 Bathrooms @ 194 sq ft/BC - 776 sq ft
 Garage Disposal (+22%) - 170 sq ft
 946 sq ft
 Min. depth = 4' Max. Depth = 8'
 Length of trench = $\frac{946}{220} = 4.3$ Req'd 220' Prowler
 1500 gal Septic Tank Req'd.
 Trenches are to be 2' wide and 8' deep with the bottom 5' filled with suitable graded crushed stone or washed gravel.

3/20/89
 OK TO SIGN
 RH

I hereby certify that the
 are actual and correct
 3-21-89
 6-6-88
 Registered Land Surveyor No. 4379



PREPARED BY
 THE J. E. CLARK CO.
 P.O. Box 147
 LAUREL, MARYLAND 20707

B 7 3750

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-2193 fill in this form completely

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

please print or type

Date Received

06-29-87

OWNER INFORMATION

Lilly Flood E 304 Mantgomery ST Laurel Md 20707

B 3

LOCATION OF WELL

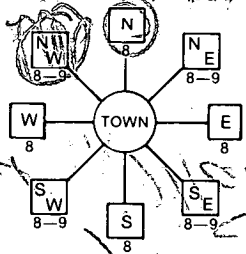
HOWARD 8 COUNTY 21 Hopkins-Meade P.269 23 SUBDIVISION 42 SECTION 44 46 LOT 67 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 73 76 77 78 4 MI

DRILLER INFORMATION

Cary Shaff 410 77 License No. 80 The A & H Drilling Co. Rt. 1 Box 240 Boonsboro, Md. 21713 Mary W Shaff 06-25-87

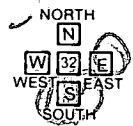
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Pindell School Rd 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



45 37 DISTANCE FROM ROAD

ENTER FT or MI 38 39 A7

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 10 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 200 14 20

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

HOWARD COUNTY NAME A38975 COUNTY NO. OEP SIGNATURE DATE ISSUED 072087 B Wilson 01/20/88 STATE HEALTH INSERT S 41 NORTH GRID 486000 EAST GRID 0823000

APPROXIMATE DEPTH OF WELL 200 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

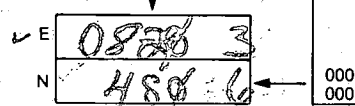
METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROtary Drive-POINT other

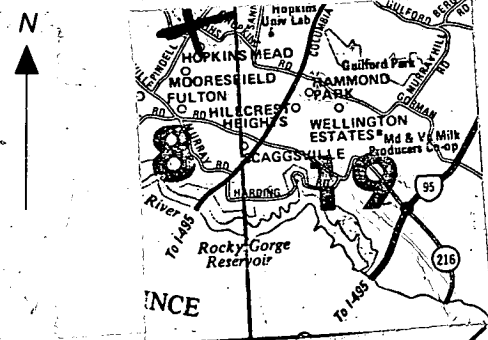
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. Well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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



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 DEEPEAN 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 GAP 54 63

FORCE RA WRITE INITIALS IN BOX PERMIT No. HO-81-2193 78 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

Recd - 6/29/89.

2/7/89 135PM

- ① Grouter No show waited 35 min
- ② Location Well OK
- ③ Over 56 FT open hole

R. Hodges

C1 5566 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 38975

DATE RECEIVED

DATE WELL COMPLETED 081287

DEPTH OF WELL 400 (TO NEAREST FOOT)

PERMIT NO. MO-81-2193

OWNER Lilly Floyd E. STREET OR RFD Pindell School Rd. TOWN Fulton SUBDIVISION Hopkins - Meade P. 269 SECTION LOT 67

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Brown Dirt and Green Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 30, NO. OF POUNDS 2820, GALLONS OF WATER 210, DEPTH OF GROUT SEAL 100 ft.

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter 6 inch, Total depth 100 feet.

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)

DEPTH (nearest ft.) table with rows for casing and screen depths.

- 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. 410

DRILLERS SIGNATURE Gary A. Hoff

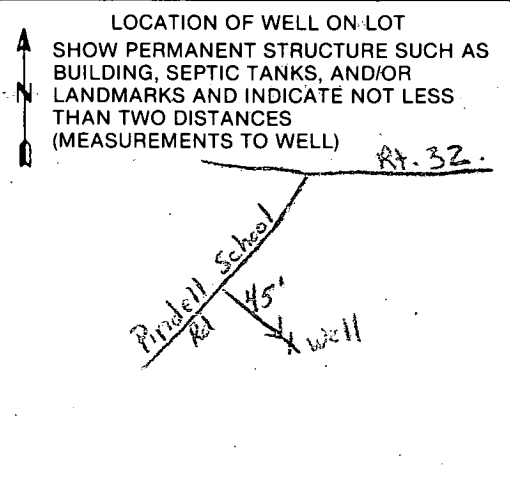
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 2, PUMPING RATE 3 gal. per min. to nearest gal., METHOD USED TO MEASURE PUMPING RATE Air, WATER LEVEL 50, BEFORE PUMPING 50, WHEN PUMPING 400, TYPE OF PUMP USED (A) air

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+) above, LAND SURFACE (nearest foot)



Aug 18-1987

Robert Neal
Drilling

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2193
Location of property (road) PINDELL SCHOOL ROAD
Subdivision HOPKINS-MEMPHIS Lot 07 Block _____ Plat _____ Sec. _____
Well Driller GARY SHAFF (AVA DRILLING) WILLY, FLOYD S

Depth of well 400 ft
Distance of measuring point (M.P.) above ground 180 30 ft
Static water level (S.W.L.) below M.P. 42 ft

I. High rate pumping -- reservoir drawdown
Time pump started 11:25 AM Pumping rate 1 gal 6 sec
Total time 30 minutes to reach pumping water level 180 ft below M.P. 109 PM

II. 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
12 Noon	180 ft	1 gal 30 sec		29 gal per min
12:15	180 ft	1 gal 30 sec		29 P Min
1230	180 ft	1 gal 30 sec	Water	29 P M
1245	180 ft	1 gal 30 sec		29 P M
1 PM	180 ft	1 gal 30 sec	has	29 P M
1:15 PM	180 ft	1 gal 30 sec		29 P M
1:30 PM	180 ft	1 gal 30 sec	been	29 P M
1:45	180 ft	1 gal 30 sec		29 P M
2 PM	180 ft	1 gal 30 sec		29 P M
2:15	180 ft	1 gal 30 sec		29 P M
2:30	180 ft	1 gal 30 sec	Clear	29 P M
2:45	180 ft	1 gal 30 sec		29 P M
3:00	180 ft	1 gal 30 sec	and	29 P M
3:15	180 ft	1 gal 30 sec		29 P M
3:30	180 ft	1 gal 30 sec	Clear	29 P M
3:45	180 ft	1 gal 30 sec		29 P M
4:00	180 ft	1 gal 30 sec		29 P M
4:15	180 ft	1 gal 30 sec	Nitrate	29 P M
4:30	180 ft	1 gal 30 sec	Test by	29 P M
4:45	180 ft	1 gal 30 sec	County	29 P M
5 PM	180 ft	1 gal 30 sec	Health Dept	29 P M
5:15	180 ft	1 gal 30 sec	was sampled	29 P M
5:30	180 ft	1 gal 30 sec		29 P M
5:45	180 ft	1 gal 30 sec		29 P M
6:00 PM	180 ft	1 gal 30 sec		29 P M

Top

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 # 43746
 Date _____

Name of Installer Arthur M. Black

Telephone 776-7528

License number 1557
 Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Flord Lilly Telephone 490 5
 Subdivision Horseshoe Meade Lot # 67 Well tag # HO-81-2193
 Site Address 7343 Pindell School Rd Laurel

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u>1</u>	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage <u>230</u>	3. Depth <u>4'</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>Incu</u>	b. 220 <input checked="" type="checkbox"/>	
3. Model # <u>1 HP.</u>		
4. Capacity <u>7</u> GPM		
5. Pump exceeds well capacity Yes _____ No <input checked="" type="checkbox"/>		
6. If Yes, is low pressure cutoff switch installed? Yes <input checked="" type="checkbox"/> No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <input checked="" type="checkbox"/> Cable guards <input checked="" type="checkbox"/> Other _____		

Tank	Piping	Well data
1. Capacity <u>80</u>	1. Type <u>Plastic</u>	1. Depth <u>410</u> ft.
2. Pressure relief valve? <input checked="" type="checkbox"/>	2. Size <u>1</u>	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved <input checked="" type="checkbox"/>	3. Static water level <u>40</u> ft.
	4. Depth of supply line <u>42"</u>	4. Will water supply be disinfected by installer? <u>NO</u>

3-1-89 PITLESS ADAPTER + WELL LINE 42" INCHES B.I.G. JEN/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: Arthur M. Black

Date: 3/7/89

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