

W.P.I. - 7/18/84 - As Soon As Possible.

03-307433

Approved 7/18/84  
Stayed P 34072

# PERMIT

A 27562

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

DISTRICT 3rd

DATE 7/9/84

INDEX

Lyons Excavating Company IS PERMITTED TO INSTALL  ALTER

ADDRESS Silver Run PHONE \_\_\_\_\_

SUBDIVISION Heatherwood ROAD 1710 Heatherwood LOT 8

PROPERTY OWNER Mr. John Shaw

ADDRESS 937 Palladi Drive  
Baltimore, Maryland 21227

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

Tile Field - 120 sq. ft. bottom area per bedroom. 3-4 feet deep, 2-3 ft wide with 1 1/2 ft. stone. Keep the ditches 10 feet apart. No ditch over 100 ft. long. Use a distribution box. Start the ditch 105 feet from the back dot line and 30 feet from the right side of the lot as seen when facing the lot from Heatherwood Way. Run the ditches toward the left side of the lot as seen when facing the lot from Heatherwood Way.

PLANS APPROVED BY Raymond Hodges DATE 10/18/79

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

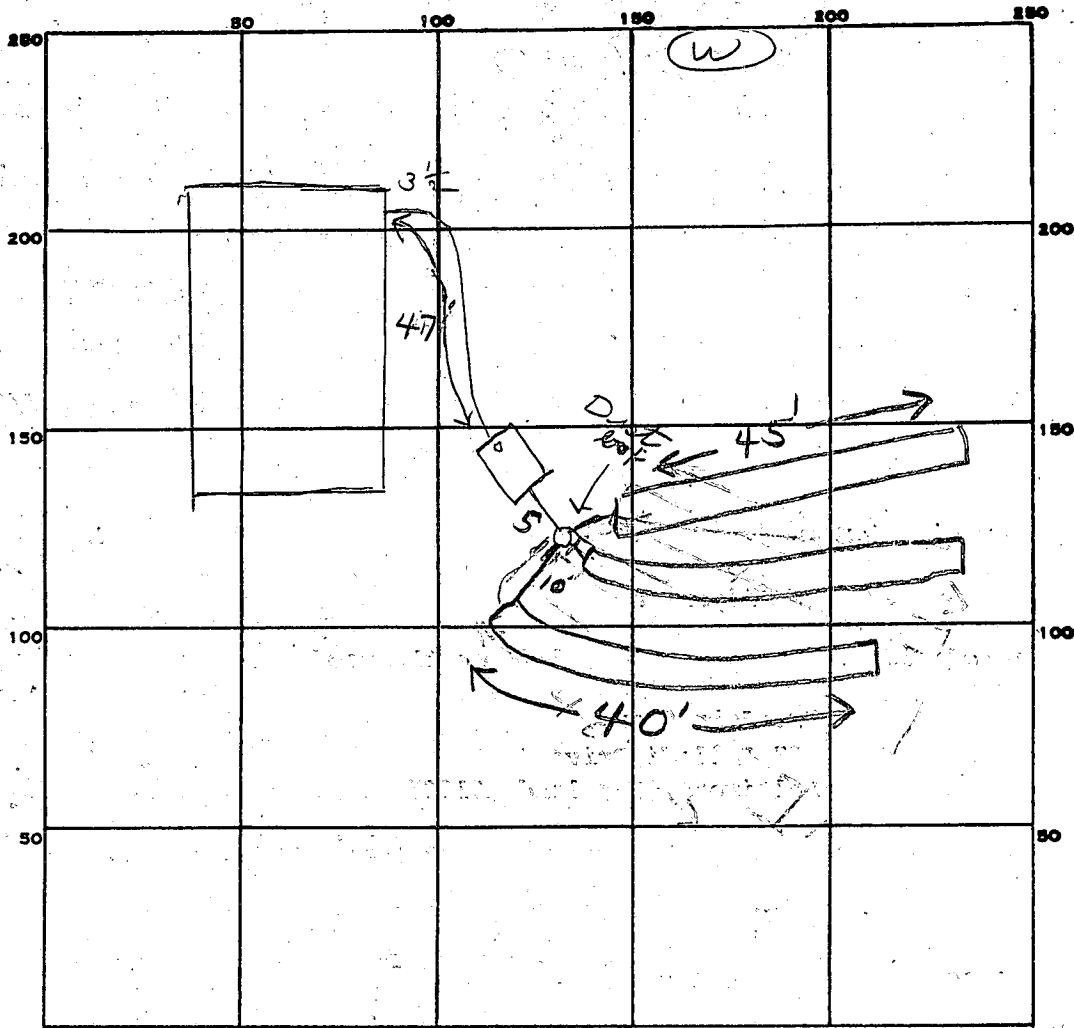
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A27562



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL 1000 gal

CLEANOUTS 5T

DISTRIBUTION BOX, LEVEL         

TILE FIELD, DEPTH 4 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 1 1/2 IN. TOTAL LENGTH 125 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 375

45
45
30
125
3
375

SEEPAGE PITS, INSIDE DIAMETER          FT. DEPTH BELOW INLET          FT.

ABSORBENT AREA 375 SQ. FT.

REMARKS 7/18/84 OK to cover both trenches + all work to dist. box J  
7/18/84 OK to cover all work J

DATE SYSTEM APPROVED 7/18/84 INSPECTOR Stayer

27  
28  
A27562



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE  
HEATHERWOOD DR TO OLD FREDERICK

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/15/79	1S	3	1021	1025	1025	1032	7	
3/15/79	1D	8	1021	1028	1028	1038	10	
	2D	7 1/2	1056	1059	1059	1106	7	
	2S	4	1110	1115	1115	1098	3	
	3S	4	1154	1157	1157	1202	5	
	3D	8	1156	1203	1203	1213	10	
	4R	9 1/2	SANDY ROCK BOTTOM DRY					
	5V	12	TOP 3 FT CLAY BOT 9 FT SANDY DRY					
	6S	3	233	234	234	237	3	
	6D	8	233	234	234	238	4	
3/15/79	7D	7	253	250	300	306	6	
	7S	3 1/2	303	305	305	308	6	

290  
50  
REC

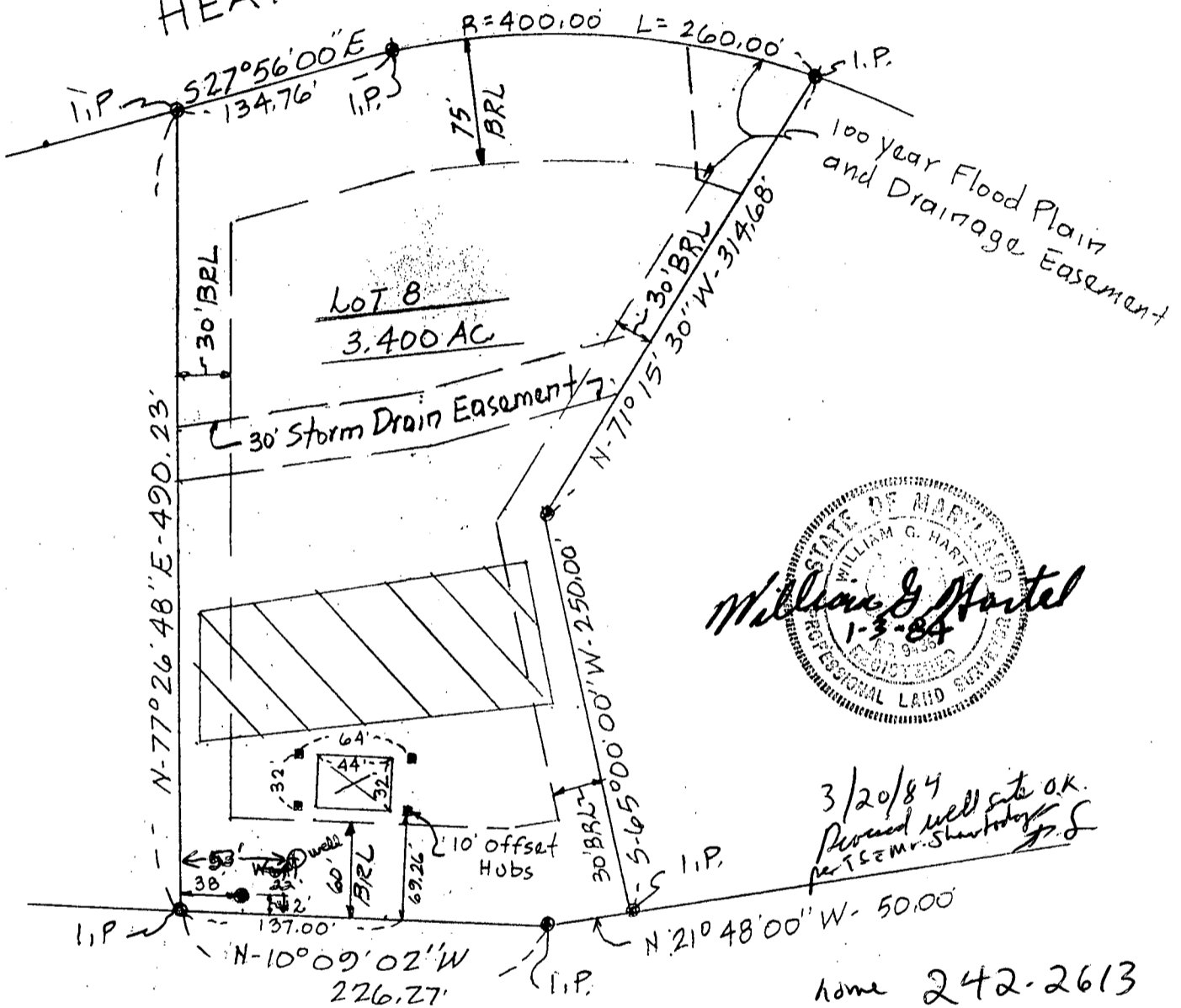
TYPE OF SOIL

TESTED BY R HODGES

ALSO PRESENT: R BARTH  
R MCGEE

Lot 8

# HEATHERWOOD (50' R/W) WAY



3/20/84  
 Revised well site ok.  
 per TSEM Mr. Shurtlough

home 242-2613  
 ofc. 744-6400

Plat Reference: Platbook 4400

TITLE LOT-HOUSE & WELL STAKEDOUT				
PROJECT LOT 8 HEATHERWOOD				
LOCATION 3RD ELECTION DISTRICT HOWARD CO., MD.				
FIELD BOOK 43	PAGE NO. 57	DRAWN BY: BTH	CHECKED BY —	DATE: 1-3-84
SCALE: 1" = 100'		JOB NO.: 83196		

**boender associates**  
 inc.  
 consulting engineers  
 land surveyors  
 land planners  
 COURT HOUSE SQUARE • ELLICOTT CITY, MD. 21043  
 (301) 465-7777

B 1 **1361** SEQUENCE NO. (OEP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type.

OEP PERMIT NUMBER  
**40-81-0289**  
fill in this form completely

Date Received **1 1 83**  
OWNER INFORMATION  
Last Name: **SHAW** Owner: **JOHN T** First Name: **T**  
Street or RFD: **137 PALMADRI DRIVE**  
Town: **BALTIMORE** State: **MD** Zip: **21227**

B 3 LOCATION OF WELL  
8 COUNTY: **HOWARD** 21  
23 SUBDIVISION: **HEATHERWOOD** 42  
SECTION: **8** 44 46 LOT: **8** 48 50  
52 NEAREST TOWN: **SLACKS CORNER** 71  
MILES FROM TOWN (enter 0 if in town) **MI** 73 76 77 78

DRILLER INFORMATION  
Driller's Name: **GEORGE F. EASTERDAY** 77 License No. **40**  
Firm Name: **N.F. EASTERDAY, INC.**  
Address: **105 BROWN CHURCH RD. MT. AIRY, MD, 21771**  
Signature: *George F. Easterday* Date: **9/30/83**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NEAR WHAT ROAD: **OLD FREDERICK ROAD** 11 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD: **550** 34 37 ENTER FT or MI **FT** 38 39

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **5** 1 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 1 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME COUNTY NO. **A27562**  
OEP SIGNATURE: *Frank Skinner* STATE HEALTH INSERT S **41**  
DATE ISSUED: **093083** CO SIGNATURE: *Frank Skinner* EXP. DATE: **3/30/84**  
NORTH GRID: **512000** EAST GRID: **0808000**

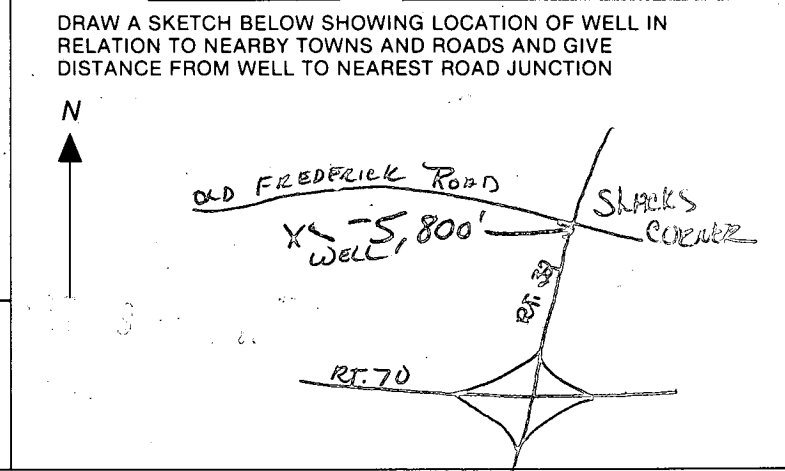
APPROXIMATE DEPTH OF WELL **200** 24 28 FEET

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  
E **800 8**  
N **540 2**  
000 000

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  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEM 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 \_\_\_\_\_ **G A P** \_\_\_\_\_  
FORCE **FS** WRITE INITIALS IN BOX PERMIT No. **40-81-0289**

SPECIAL CONDITIONS

C1 0812 SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 NUMBER A27562

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED 032784 Depth of Well 220 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-0289

OWNER Show John T. last name first name  
 STREET OR RFD Heatherwood Way TOWN Stacks Corner  
 SUBDIVISION Heatherwood SECTION [ ] LOT 8

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	
topsoil	0	1	
Red clay	1	3	
Red mica schist	3	10	
brown mica schist	10	55	<input checked="" type="checkbox"/>
Green mica schist	55	65	
gray mica schist	65	100	
brown mica schist	100	105	
gray mica opening	105	190	<input checked="" type="checkbox"/>
gray mica	190	220	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  YES  NO  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS 11 NO. OF POUNDS 1100  
 GALLONS OF WATER 600  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 51 ft.

CASING RECORD  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER  
 MAIN CASING TYPE  Nominal diameter 6 (nearest inch) Total depth of main casing 61 (nearest foot)

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

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

DEPTH (nearest ft.)  
 H O 59 220  
 SLOT SIZE 1 [ ] 2 [ ] 3 [ ]  
 DIAMETER OF SCREEN [ ] (NEAREST INCH)

PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 10  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 75  
 TYPE OF PUMP USED (for test)  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)  above LAND SURFACE  below 2 (nearest foot)

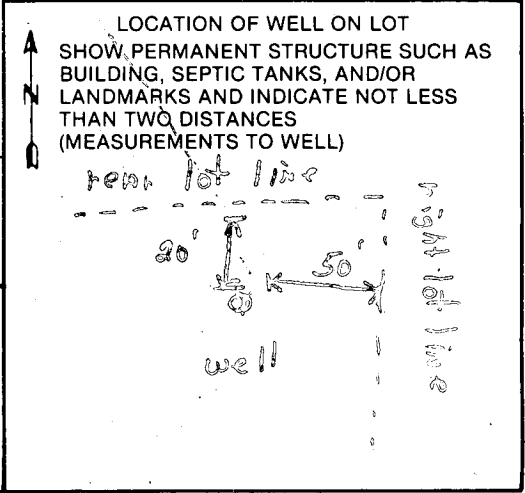
CIRCLE APPROPRIATE LETTER  
 A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
 E ELECTRIC LOG OBTAINED  
 P TEST WELL CONVERTED TO PRODUCTION WELL

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.

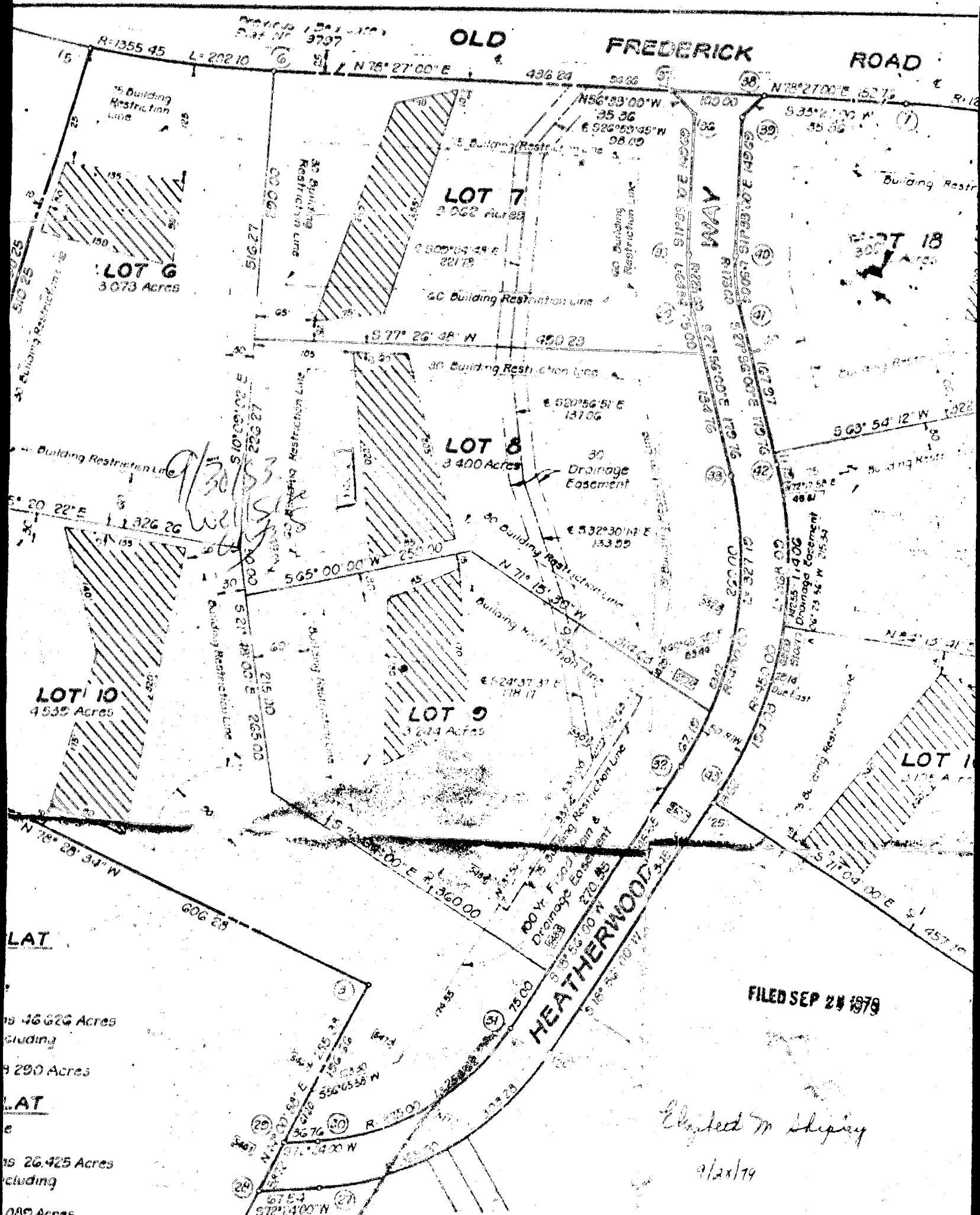
DRILLERS IDENT. NO. 40  
 DRILLERS SIGNATURE Robert K. Neuber  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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







**OWNER'S DEDICATION**

We, Arnold B. Cornett, James W. Lee, James P. Adair and Edward J. Kosmeyer, as tenants in common, owners of the property shown and described herein, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the Office of Planning and Land, State of Maryland, with the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns (1) the right to lay, construct and maintain sewer, drains, water pipes and other municipal utilities and services, in and under all lots and street rights of way and the specific easement areas shown hereon; (2) dedicate to public use the beds of the streets and/or roads and the easement areas shown hereon; (3) dedicate to public use the beds of the streets and/or roads and the easement areas shown hereon; and for the better (4) if it is further agreed that the maintenance of all waterway, drainage easements and/or flood plains shown hereon are the responsibility of the property owner, its successors and assign.

Witness our hands this 24th day of September, 1979.

**SURVEYOR**

I hereby certify that the above is a true and correct copy of the original survey as shown to me by the owner of the property and that the same conforms with the requirements of the Act of 1958, Chapter 200, Laws of Maryland, and that the same is in accordance with the Act of 1958, Chapter 200, Laws of Maryland, and that the same is in accordance with the Act of 1958, Chapter 200, Laws of Maryland.

PRIVATE  
LTH DEPT

DATE  
OFFICE OF