

19978
JAN 5 '87
NOON

11/5/87
Septic OK (B)

P 37634
37634
A 20836

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
XXXXXX
461-9933

04-318706

ELLICOTT CITY
DISTRICT 4th
DATE 11/26/87

Walter N. King Plumbing & Heating IS PERMITTED TO INSTALL ALTER

ADDRESS 8097-A Hillmark Court, Frederick, MD 21701 PHONE 662-6990

SUBDIVISION Lisbon Park ROAD 16436 Old Frederick Rd LOT 7

PROPERTY OWNER Ken Phillips

ADDRESS

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22% Sent 9/22/87

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 300 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 180 feet from the Right-of-way line and 140 feet from the left lot line as seen when facing the property from the Right-of-way line. Run trench(s) along contour toward left side of property.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BLDG. PERMIT SIGNATURE AND RETURNED 12-4-97
Sent # 510109070
John King

PLANS APPROVED BY C. Williams DATE 3/24/86

COVER NO WORK UNTIL INSPECTED AND APPROVED

WHILE THE HOWARD COUNTY ENGINEER FOR 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 ENTRY SHALL EXCEED 18 INCH 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 BLDG. PERMIT SIGNATURE AND RETURNED 12/12/87

REPLACE EVERY THREE YEARS. Sent # 5064 Jordan

NOTE INSTALL LAND PIPE ON SEPTIC TANK AND CRY WELL. STAND PIPES MUST BE 4 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR

PIPE IN ALL CASES. IF PIPE SEPTIC TANK IS DEEPER THAN 1 FEET MANHOLE TO GRADE REQUIRED. Oct. 40616

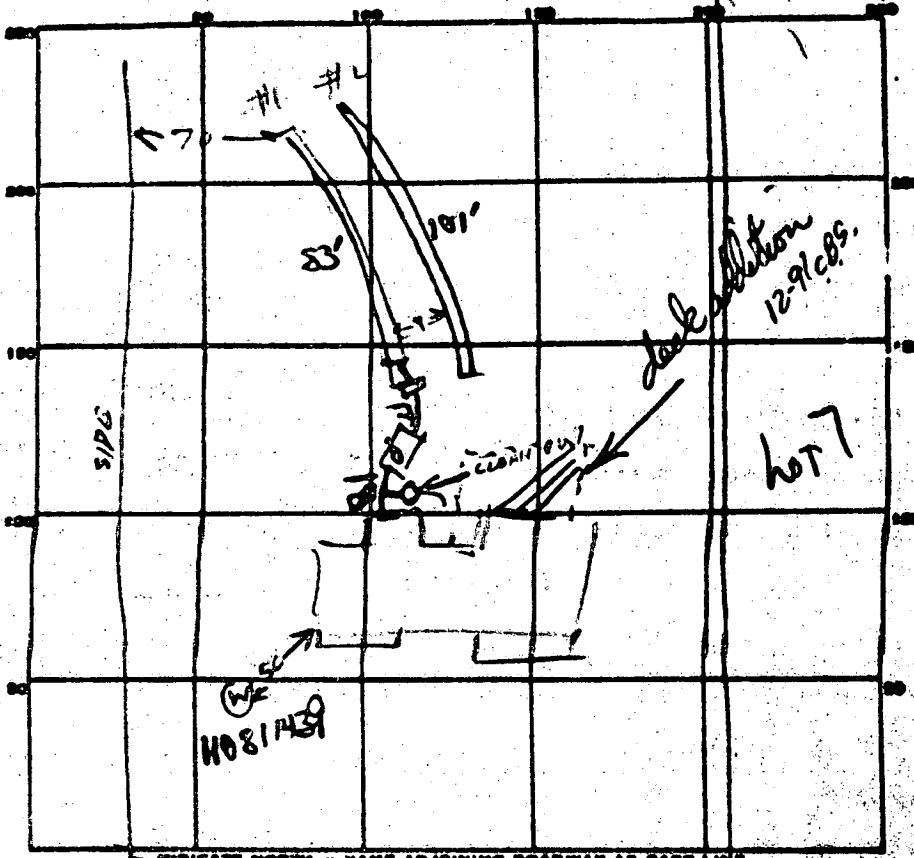
INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

CALL 992 2330 FOR INSPECTION OF SEPTIC SYSTEMS

EM 2 1082

A 20836

A 37634



PERMIT CARD TO LETS

SEPTIC TANK, LEVEL 9000

CLEANOUTS 1 Site

DISTRIBUTION BOX, LEVEL 9000

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2

GRAVEL DEPTH 8 IN. TOTAL LENGTH 77 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 322 + 404

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

ABSORBENT AREA 726 SQ. FT.

REMARKS 12/31/86 ^{AM} ADD STONE TO TRENCHES & HOOK UP TANK RT

12/31/86 ^{PM} TANK HOOKED UP 1ST TRENCH SHORTENED

ALMOST ALL STONE ADDED. FINISH ADDING STONE TO #1

COVER TRENCH #1 & TANK ADD STONE TO TRENCH #2 & COVER

1/5/87 OK to finish adding stone side paper to 2nd trench & cover. OK to cover all work. were beginning w/I - no permit.

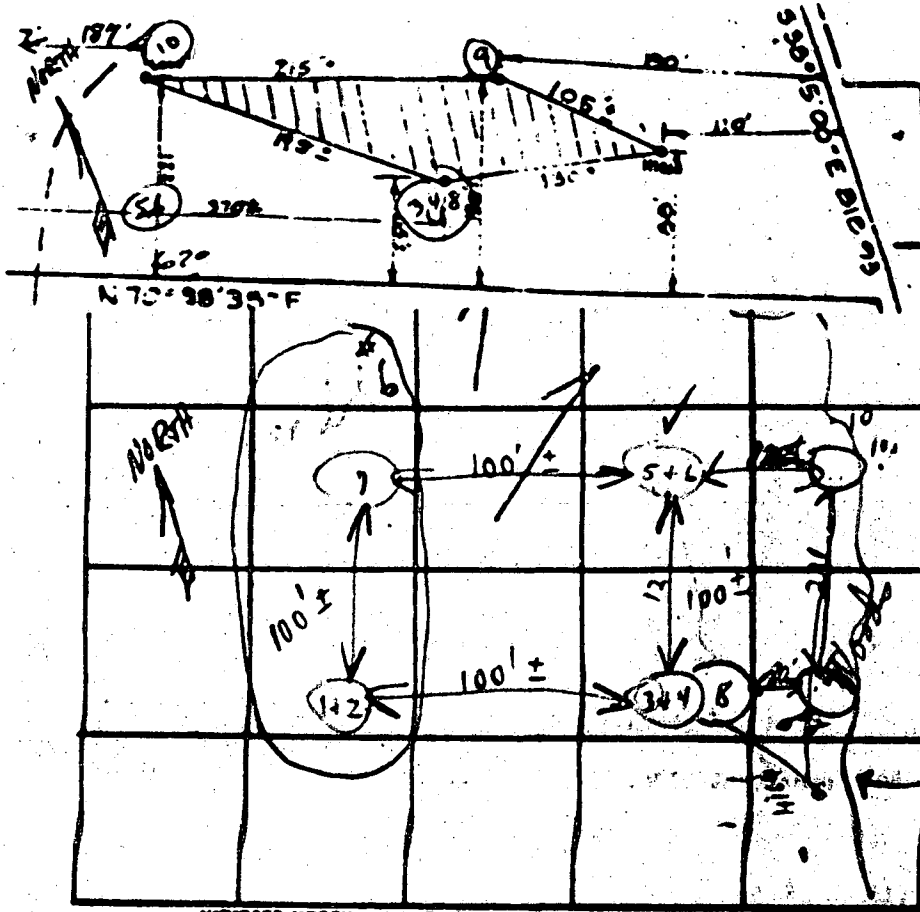
DATE SYSTEM APPROVED 1/5/87 INSPECTOR B. N. Wilson

200
3
600 MIN

83
35 1/2
404
726

101
404

plenty (w/holes)



A20836

(Paved?)

170 ^{up} ft
per ^{hr} ^{hr}
14 min
02 1191

DATE	TEST NO.	DEPTH	PRE-WET		TEST START	DROP STOP	TIME
			START	STOP			
10/27/77	1	4'	1:44	1:46	1:46	1:51	5m
	2	12"	1:44	1:48	1:48	2:08	16m
	3	4'	1:16	1:16	1:16	1:16	16m
	4	12 1/2'	1:16	1:20	1:20	1:33	13m
	5	3 1/2'	1:14	1:25	1:25	1:41	16m
	6	12'	1:14	1:18	1:18	1:25	7m
	7	10' Keen					similar to other
	8	5'	1:48	1:50	1:50	2:03	13m
7/25/77	H164	11'	1207	1210	1210	1220	10
	9A	4'	1207	1211	1211	1220	12
	10	11 1/4'	1212	1215	1215	1220	5
	10A	11 1/4'	1212	1211	1211	1224	12

all similar elevations

REMARKS: 10/27/77 soil test works on test area
 TYPE OF SOIL: rich silt
 TESTED BY: C.B.S. 412 ALSO PRESENT: Benjamin + Co

SEQUENCE NO. 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 **A 20836**

DATE RECEIVED

DATE WELL COMPLETED **7/16/66**

DEPTH OF WELL **425**
(TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" **70-87-7436**

OWNER **PHILLIPS KENNETH**
STREET OR RD **RT 9** TOWN **WOODRIDGE**
SUBDIVISION **LISBON FARMS** SECTION **7** LOT **7**

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	
BROWN SAND	0	64	
BLUE SLATE	64	425	

per test 4 Hyd/Adv. 7/4/66

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
TYPE OF GROUTING MATERIAL
CEMENT **CM** BENTONITE CLAY **BC**
NO. OF BAGS **18** NO. OF POUNDS **162**
GALLONS OF WATER **103**
DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **72** ft.
(enter 0 if from surface)

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

MAIN CASING TYPE
Nominal diameter top (main) casing (nearest inch) **5** **7**
Total depth of main casing (nearest foot) **6** **73**

OTHER CASING (if used)
diameter inch from to

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

C 2

EACH SCREEN	DEPTH (nearest ft.)		
	1	2	3
1	140	172	425
2			
3			

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

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COUNTY WELL CONSTRUCTION AND IN COMPLIANCE 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

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

DRILLERS IDENT. NO.

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

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

T (E.R.O.S.) WO

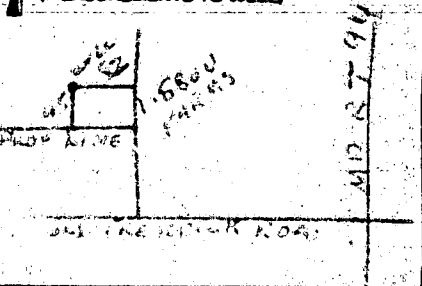
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

TELESCOPE CASING LOG INDICATOR OTHER DATA

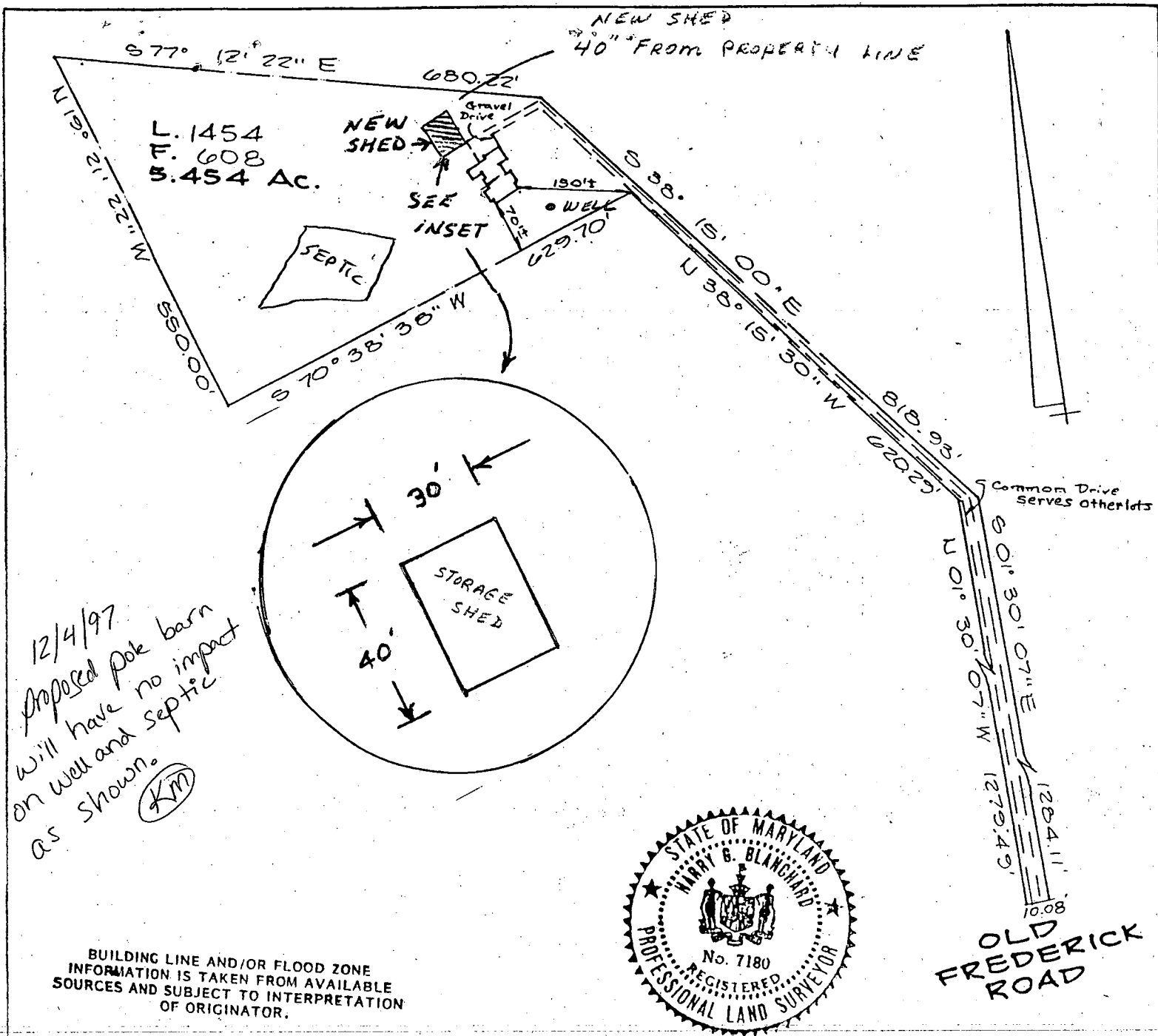
C 3
PUMPING TEST
HOURS PUMPED (nearest hour) **3**
PUMPING RATE (gal. per min. to nearest gal.) **44**
METHOD USED TO MEASURE PUMPING RATE **TIME**
WATER LEVEL (distance from land surface)
BEFORE PUMPING **40**
WHEN PUMPING **759**
TYPE OF PUMP USED (for test)
A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP YES **NO**
(CIRCLE) (YES or 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) **44**
PUMP HORSE POWER **3**
PUMP COLUMN LENGTH (nearest ft.) **425**
CASING HEIGHT (circle appropriate box and enter casing height)
+ above **-** below
LAND SURFACE (nearest foot) **11**

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)



NOTE: This location for title purposes only - not to be used for determining property lines. Property corner Markers Not guaranteed by this location.



12/4/97
Proposed pole barn
will have no impact
on well and septic
as shown. (KM)



BUILDING LINE AND/OR FLOOD ZONE
INFORMATION IS TAKEN FROM AVAILABLE
SOURCES AND SUBJECT TO INTERPRETATION
OF ORIGINATOR.

LOCATION OF HOUSE
K.D. & H.G. PHILLIPS
PROPERTY
LIBER 1454, FOLIO 608
HOWARD COUNTY, MD.

H.U.D. Flood information unavailable
for this area.

SURVEYOR'S CERTIFICATE THE PLAN SHOWN HEREON IS PREPARED FROM FIELD MEASUREMENTS OF EXISTING STRUCTURES AND DIMENSIONS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, AS SHOWN OR DESCRIBED IN L. 1454 AT F. 608 AND RECORDED AMONG THE LAND RECORDS OF HOWARD CO., MD. <i>Harry B. Blanchard</i> REGISTERED LAND SURVEYOR MD # 7180	REFERENCES PLAT BK. PLAT NO.	SNIDER, BLANCHARD, LAUGHLAND & TACIK, INC. SURVEYORS - ENGINEERS LAND PLANNING CONSULTANTS 341 W. Patrick Street Frederick, MD 21701 (301) 694-5544	
	LIBER 1454 FOLIO 608	DATE OF LOCATIONS WALL CHECK: HSE. LOC.: 4-6-87 BOUNDARY:	SCALE: 1" = 200' DRAWN BY: S.D. JOB NO.: F-87-342