

SEPTIC SYSTEM IS TO BE INSTALLED FIRST

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY 11/18/80

05-381819

ELLICOTT CITY

DISTRICT 5th.

DATE 8/7/80

INDEXED

Paul Schissler

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS

PHONE 795-2642

SUBDIVISION Highland Lake

ROAD 6628 Prestwick Drive LOT 38

PROPERTY OWNER John Finnegan

ADDRESS 5373 Hesperus Drive, Columbia, Maryland 21045

PHONE: 730-4793

SPECIFICATIONS

5 bedrooms

SEPTIC TANK CAPACITY 1500 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

Dry Well

SEEPAGE PITS ☒ ABSORBENT SIDE-WALL AREA 160 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 160 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 160 FT. FROM front LOT LINE AND 10 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM Prestwick Drive

NOTE: OKAY TO USE TRENCH OFF DRY WELL TO MAKE UP ABSORBENT SIDEWALL AREA IN SYSTEM

LEAVE 5 FT. EARTH BUFFER BETWEEN TRENCH AND DRY WELL. TRENCH TO FOLLOW CONTOUR OF THE LAND.

IF TRENCH IS USED CALL FOR 2 INSPECTIONS - BEFORE AND AFTER STONE IS INSTALLED.

C.B. Streaker/ Frank Skinner

8/7/80

PLANS APPROVED BY

DATE

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

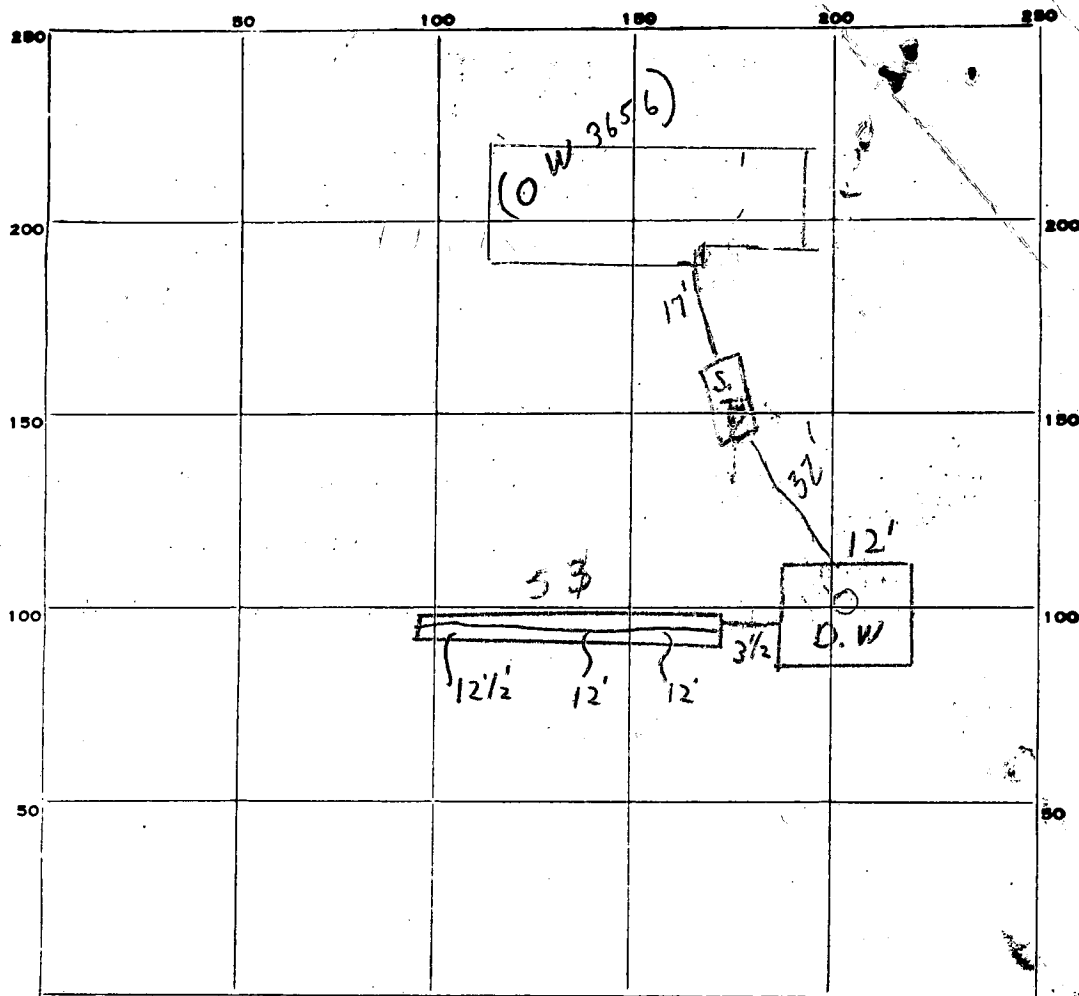
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

BLDG. PERMIT SIGNED  
AND RETURNED 9/11/80

Serial # 44065

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

A23992



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.  
PRESWICK DRIVE

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ☒

DISTRIBUTION BOX, LEVEL ☐

TILE FIELD, DEPTH 12' avg FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 8 IN. TOTAL LENGTH 53 FT.

NUMBER OF TRENCHES 1

TOTAL BOTTOM AREA 306 WALL 424

SEEPAGE PITS, INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 384 SQ. FT.

REMARKS 7/4/80 CHECKED TRENCH ONLY-OK FOR STOVE; DRY WELL+SEPTIC TANK

NOT COMPLETE.

OK to cover all work, need House sewer & C.B.S. & have connection for final OK.

DATE SYSTEM APPROVED 11/18/80

INSPECTOR Stephen Kiel

# APPLICATION

A 23992

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT Fifth

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DATE 9/15/76

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 Mr. Walter Bucher

ADDRESS Highland Partnership  
8777 First Avenue PHONE (8)-588-3100  
Silver Spring, MD 20901

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 52

ROAD AND DESCRIPTION unnamed road

SIZE OF LOT one acre m/l TYPE BLDG. 3 or 4 bedroom  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Mr. Walter Bucher

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT

125



Unnamed Road <sup>123</sup>

unltd 4' =  
good 4' =  
160 sq ft.  
5 min =

### TYPE OF SOIL

**TESTED BY**

**ALSO PRESENT:**

Richard D. Riggs & Shastan AL

Ketterman

HOUSE:

F.F. ELEV. - 525.47  
 BSM'T. ELEV - 516.47  
 INVERT OUT - 520.97

SEPTIC TANK:

EX. GRD. - 523.4  
 FIN. GRD. - 523.4  
 INVERT IN - 520.35  
 INVERT OUT - 520.02

DRYWELL:

EX. GRD. - 523.6  
 FIN. GRD. - 523.6  
 INVERT IN. - 519.6

WATER WELL:

EX. GRD. - 526.2  
 FIN. GRD - 526.2

8/7/80  
 Drawing & elevation  
 O.K. F.S.



A23992

engineers  
 surveyors  
 planners

**boender associates**

SUITE 102 107 TOWN & COUNTRY PROFESSIONAL BUILDING  
 ELLICOTT CITY, MARYLAND 21043  
 301-465-7777

DATE: AUG. 1980

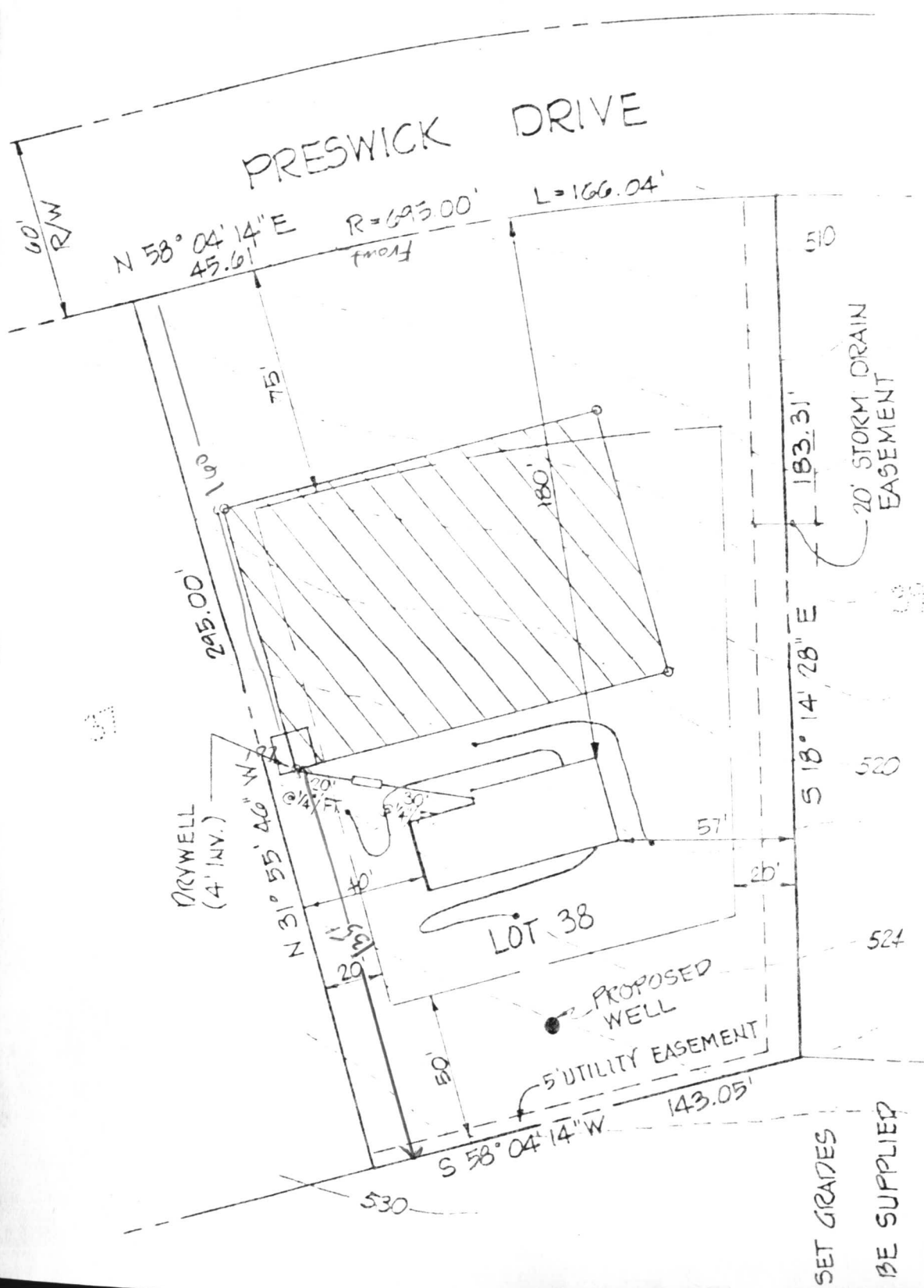
SCALE: 1" = 50'

DRAWN BY: D.T.M.

SECTION ONE - LOT THIRTY-EIGHT

JOB NO 7828

T. - HOWARD CO., MD.



C1 4621 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN  
30 DAYS AFTER WELL IS COMPLETED  
COUNTY  
NUMBER

Date Received (WRA use only) 8-27-80  
DATE WELL COMPLETED

Depth of Well 200  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
40-23-3652

OWNER JOHN FINNEGAN BUILDER last name first name  
STREET OR RFD 5373 HESPERUS DRIVE TOWN COLUMBIA, MD 21045  
SUBDIVISION HIGHLAND LAKE SECTION LOT 38

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	
OVERBURDEN	0	8
BROWN SHALE	8	40
GRAY ROCK	40	200 X

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES ☒ NO ☐  
TYPE OF GROUTING MATERIAL CEMENT ☒ BENTONITE CLAY ☐  
NO. OF BAGS 9 NO. OF POUNDS 700  
GALLONS OF WATER 54  
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 42 ft. (enter 0 if from surface)

CASING RECORD  
casing types insert appropriate code below  
STEEL ☒ CONCRETE ☐  
PLASTIC ☐ OTHER ☐  
MAIN CASING TYPE ST  
Nominal diameter top(main)casing (nearest inch) 6  
Total depth of main casing (nearest foot) 42

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

SCREEN RECORD  
screen type or openhole insert appropriate code below  
STEEL ☒ BRASS, BRONZE ☐ OPEN HOLE ☐  
PLASTIC ☐ OTHER ☐

DEPTH (nearest ft.)  
1 HO 42 200  
2  
3

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

GRAVEL PACK  
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☐

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
T (E.R.O.S.)  
W Q  
70 ☐ 72 ☐ 74 75 76  
TELESCOPE LOG OTHER DATA  
CASING INDICATOR

C 3 (seq. no.)  
PUMPING TEST  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min. to nearest gal.) 3  
METHOD USED TO MEASURE PUMPING RATE Air  
WATER LEVEL (distance from land surface) BEFORE PUMPING 38  
WHEN PUMPING 175  
TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O (describe below) J jet S submersible

PUMP INSTALLED YES NO  
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N  
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))  
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 (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 BOX  
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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.  
DRILLERS IDENT. NO. 120  
DRILLERS SIGNATURE  
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

PITLESS ADAPTER



STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILE IN THIS FORM COMPLETELY  
STANDARD PRINT OR TYPE

WELL NO. 100  
DATE WELL COMPLETED 8-27-80  
OWNER JOHN E. BERRY, JR.  
STREET OR RD. 3275 WISCONSIN DRIVE  
DIVISION 10000  
TOWN GAITHERSBURG  
COUNTY PRINCE GEORGES

WELL HAS BEEN OPEN TO  
TYPE OF GRouting MATERIAL CEMENT  
NO. OF FEET 100  
GALLONS OF WATER 300  
DEPTH OF WELL (FEET) 100  
TYPE OF CASING (SEE INSTRUCTIONS) STEEL  
TYPE OF PUMP USED (SEE INSTRUCTIONS) OTHER  
PUMPING RATE (GAL. PER MIN.) 100  
METHOD USED TO MEASURE PUMPING RATE OTHER  
WATER LEVEL (FEET) 100  
BEFORE PUMPING 100  
WHEN PUMPING 100  
TYPE OF PUMP USED (SEE INSTRUCTIONS) OTHER  
PUMPING RATE (GAL. PER MIN.) 100  
METHOD USED TO MEASURE PUMPING RATE OTHER  
WATER LEVEL (FEET) 100  
BEFORE PUMPING 100  
WHEN PUMPING 100  
TYPE OF PUMP USED (SEE INSTRUCTIONS) OTHER

WELL WAS ABANDONED AND SEALED  
WHEN THIS WELL WAS COMPLETED  
ELECTRIC LOG OBTAINED  
TEST WELL CONVERTED TO PRODUCTION WELL  
OTHER USES OF WELL (SEE INSTRUCTIONS)

WELL NO. 100  
DATE WELL COMPLETED 8-27-80  
OWNER JOHN E. BERRY, JR.  
STREET OR RD. 3275 WISCONSIN DRIVE  
DIVISION 10000  
TOWN GAITHERSBURG  
COUNTY PRINCE GEORGES