

APPROVED R.L.  
1/8/80

1/3/80 this afternoon  
1/4/80 please  
as soon as possible

# PERMIT

P 30388  
A 24193

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-379598

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 11/30/79

H. G. Ubbo Van Der Valk IS PERMITTED TO INSTALL  ALTER

ADDRESS 13150 Deanmar Drive, Highland, Md. 20777 PHONE 596-9013

SUBDIVISION Chris Mar Estates ROAD 13438 Chris Mar Court LOT # 3

PROPERTY OWNER Joseph Pirrone

ADDRESS 19124 Holberton Lane, Brookeville, Md. 20729 Phone:

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD DEPTH FEET. BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET. BOTTOM AREA SQ. FT.

SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 150 SQ. FT. per bedroom.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 125 FT. FROM front LOT LINE AND 10 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM Chris Mar Road. Start the trench after a 5 ft. earth buffer with the dry well, and proceed to dig it on level ground, the necessary distance.

If ~~xxx~~ trenches only are used, they must contain at least 200 sq. ft. effective sidewall area per bedroom; be connected in series; and be no larger than 100 ft. apiece; and be spaced 18 ft. apart. NOTE: CALL FOR INSPECTION OF TRENCH BEFORE GRAVEL IS INSTALLED.

PLANS APPROVED BY Frank Skinner DATE 8/30/77

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.

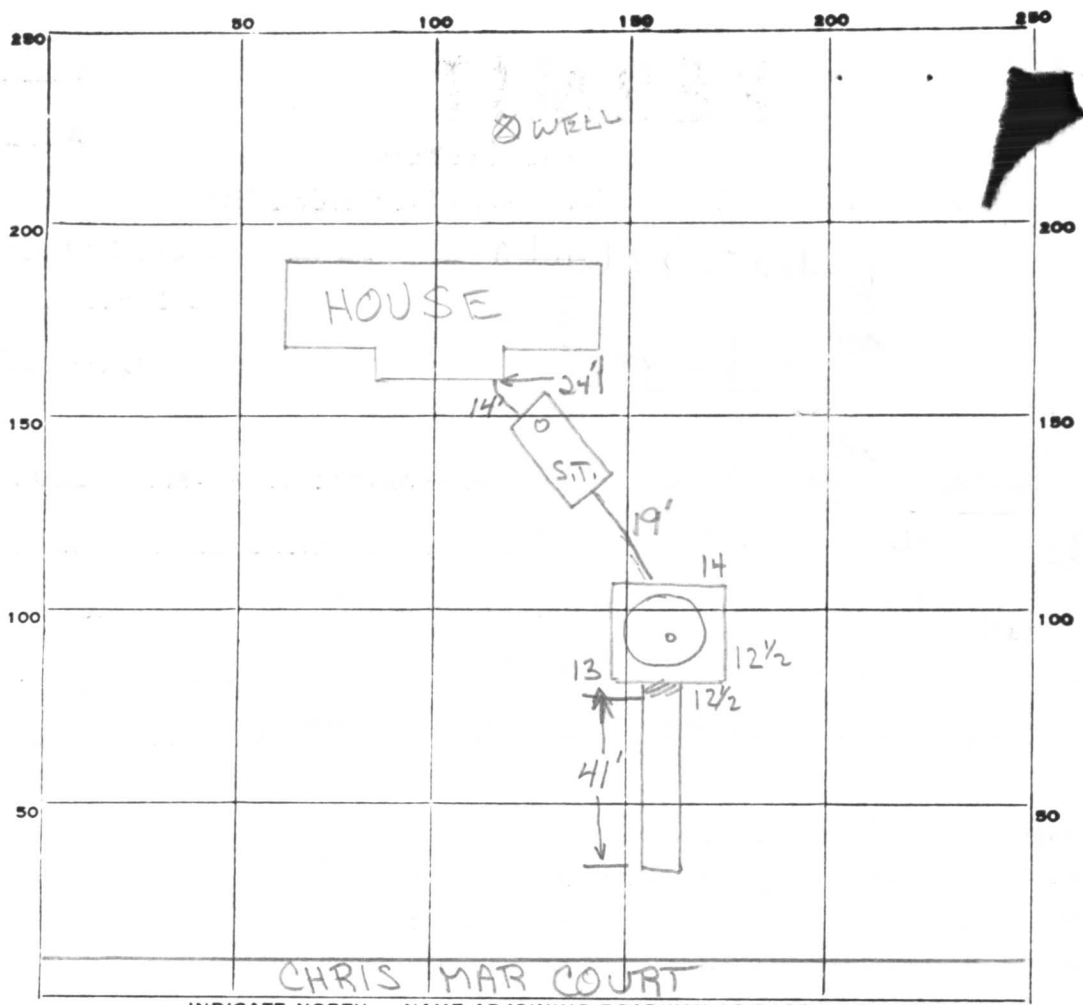
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

B.P. #49996 for pool signed 6/25/82

A 24193

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

25  
107  
41  
287  
390  
677



PERMIT CARD

SEPTIC TANK, LEVEL

DISTRIBUTION BOX, LEVEL N.A.

TILE FIELD, DEPTH 11' FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 41 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 287

SEEPAGE PITS, INSIDE DIAMETER 52 FT. DEPTH BELOW INLET 7.5 FT.

ABSORBENT AREA 677 SQ. FT.

CLEANOUTS	SEPTIC TANK	DRY WELL
	CAST <input checked="" type="checkbox"/>	IRON <input checked="" type="checkbox"/>

REMARKS 1/4/80 - OK TO ADD GRAVEL TO TRENCH, CONTINUE & CALL R.D.

1/8/80 - OK

DATE SYSTEM APPROVED 1/8/80 INSPECTOR R. De Marco

# APPLICATION

A 24193

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. | 4 B.R. DISTRICT 5th  
ENVIRONMENTAL HEALTH SERVICES 1000 gal. sept. tank | 1250 gal. sept. tank DATE 10/5/76

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

*effective sidewall absorption area per bedroom, to begin below the first 3 ft. of non-porous soil. Maximum depth permitted for drywell or trench is 11 ft. below original grade. Place the drywell 125 ft. from the front lot line and 10 ft. from the right side line as seen when facing the property from Chris Mar Road. Start the trench after a 5 foot south buffer with the drywell, and proceed to dig it on level ground, the necessary distance of trenches only are used, they must contain at least 200 sq. ft. effective sidewall absorption area per bedroom. be connected in series, and be no longer than 100 ft. apiece, and be spaced 18 ft. apart. NOTE: Call for inspection of trench before gravel is installed.*

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.

BLDG. PERMIT SIGNED  
AND RETURNED 8/30/79

PROPERTY OWNER Paul G. Kottis Joseph Pirrone

ADDRESS P.O. Box 28, Highland, Md. 20777 PHONE 774-1284

Brookeville, Md 20729

PROPERTY LOCATION: Chris Mar Estates

SUBDIVISION Brighton Dam Limited Partnership LOT NO. 3

ROAD AND DESCRIPTION Court A off Highland Road 13438 Chris Mar Court

SIZE OF LOT 1 acre m/l TYPE BLDG. 3 or 4 bedrooms  
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/ Paul G. Kottis

APPROVED BY Frank Skinner FOR Drywell + trench DATE 8/30/77  
(KIND OF SYSTEM)

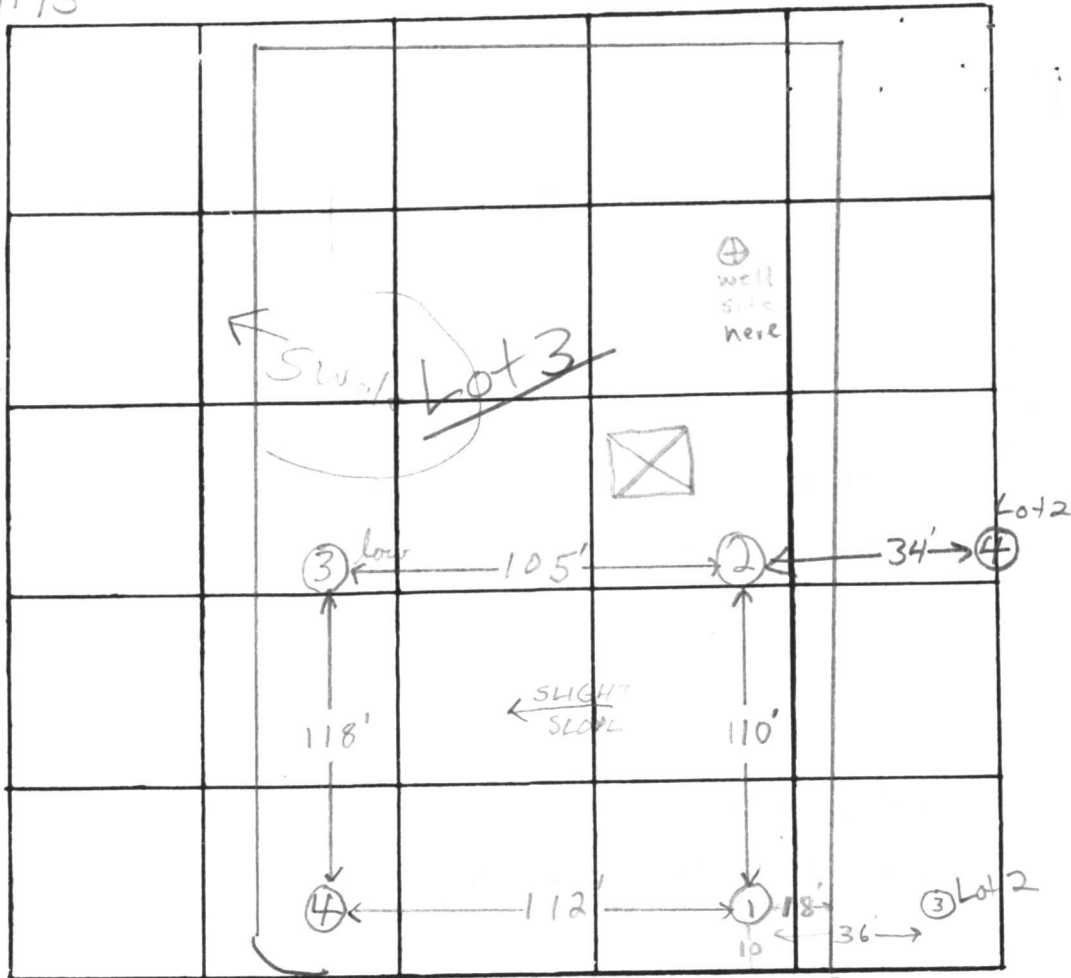
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT

A 24193

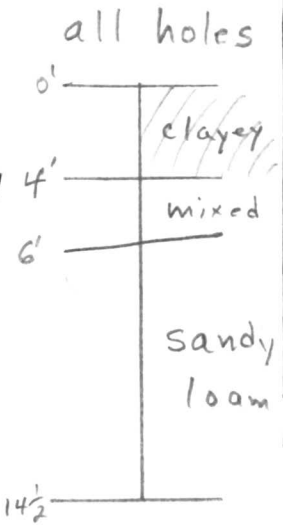


INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

COURT "A"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/28/76	1	4 1/2'	3:23	3:27	3:27	3:31	4 min	
	1A	13 1/2'	3:27	3:28	3:28	3:30	2 min sandy	
	2	4 1/2'	3:50	3:59	3:59	4:18	19 min	
	2A	13 1/2'	3:56	3:58	3:58	4:04	6 min	
9/29/76	3 low	4 1/2'	9:52	10:27	10:27	FAILS TEST	1505.0FF/B.R.	
	3A	14 1/2'	9:55	10:06	10:00	10:10	10 min	
	4	14'	Clayey to 5' sandy loam below					
	3B	5 1/2'	10:54	11:20	11:20	11:40	1/2" stop FAILS	
	3C	6'	1:15	1:21	1:21	1:31	10 min	

REMARKS perc area nearly level @ (3) - same elev.; if (2) is used inlet at 3'  
 TYPE OF SOIL sandy loam below top 4-5' clayey soil  
 TESTED BY F.S. ALSO PRESENT: P. Kottis & crew





C 1 **9037** SEQUENCE NO. (WRA USE ONLY)

1 3 (SEQ. NO.) 6  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETE

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY)

8-13

DEPTH OF WELL

DATE WELL COMPLETED 7/6/79

140 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

HC-73-3304

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 40

OWNER: PERRONE, JOSEPH LAST NAME FIRST NAME

STREET OR RFD: 19124 HOLBERTON LANE POST OFFICE: BROOKVILLE, MD

**WELL DESCRIPTION**

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	3	
Shaly	3	20	✓
SANDY	20	68	
SANDY Stone	68	90	✓
MICA	90	140	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY

NO. OF BAGS 30 NO. OF POUNDS 3000

GALLONS OF WATER 150

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 30+ FT.

**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): 75

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE: INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

DEPTH (NEAREST WHOLE FOOT) FROM TO

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	

SLOT SIZE 1, \_\_\_\_\_ 2, \_\_\_\_\_ 3, \_\_\_\_\_

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM \_\_\_\_\_ TO \_\_\_\_\_

GRAVEL PACK \_\_\_\_\_

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  68  F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 8

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 15 (NEAREST FOOT)  
 WHEN PUMPING 140 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR  PISTON  TURBINE   
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)   
 JET  SUBMERSIBLE

**PUMP INSTALLED**

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  YES  NO

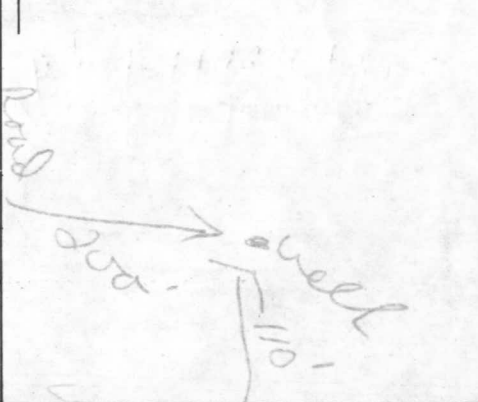
CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) 31 35  
 PUMP HORSE POWER 37 41  
 PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT)  
 BELOW } 50 51

**LOCATION OF WELL ON LOT**

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



**CIRCLE APPROPRIATE BOXES**

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 NAME: George F. Eusterman

SIGNATURE: George F. Eusterman

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
ELLICOTT CITY, MD.

AUG 29 9 28 AM '79

