

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

05-385164

INDEX

ELLICOTT CITY

DISTRICT 5th

DATE 4/6/81

P 31302

A 24033

DATE 4/6/81

Oskas ~~EM~~ Schultz, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 6610 Blackwatch Lane, Highland, Md. 20777

PHONE 988-9098

SUBDIVISION Highland Lake

ROAD 6531 River Clyde Drive

LOT 92, Sec. 3

PROPERTY OWNER Oskar Schulz

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRY WELL  
AND  
TRENCH

SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 135 SQ. FT. per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 140 FT. FROM front LOT LINE AND 20 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM River Clyde Drive.

Start the trench after a 5 ft. earth buffer with the dry well and proceed to dig it on  
level ground the necessary distance (See sketch). Call for inspection of ~~XXXXX~~ trench  
before placing gravel in trench and after placing gravel in trench.

PLANS APPROVED BY Frank Skinner

DATE 4/2/81

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.

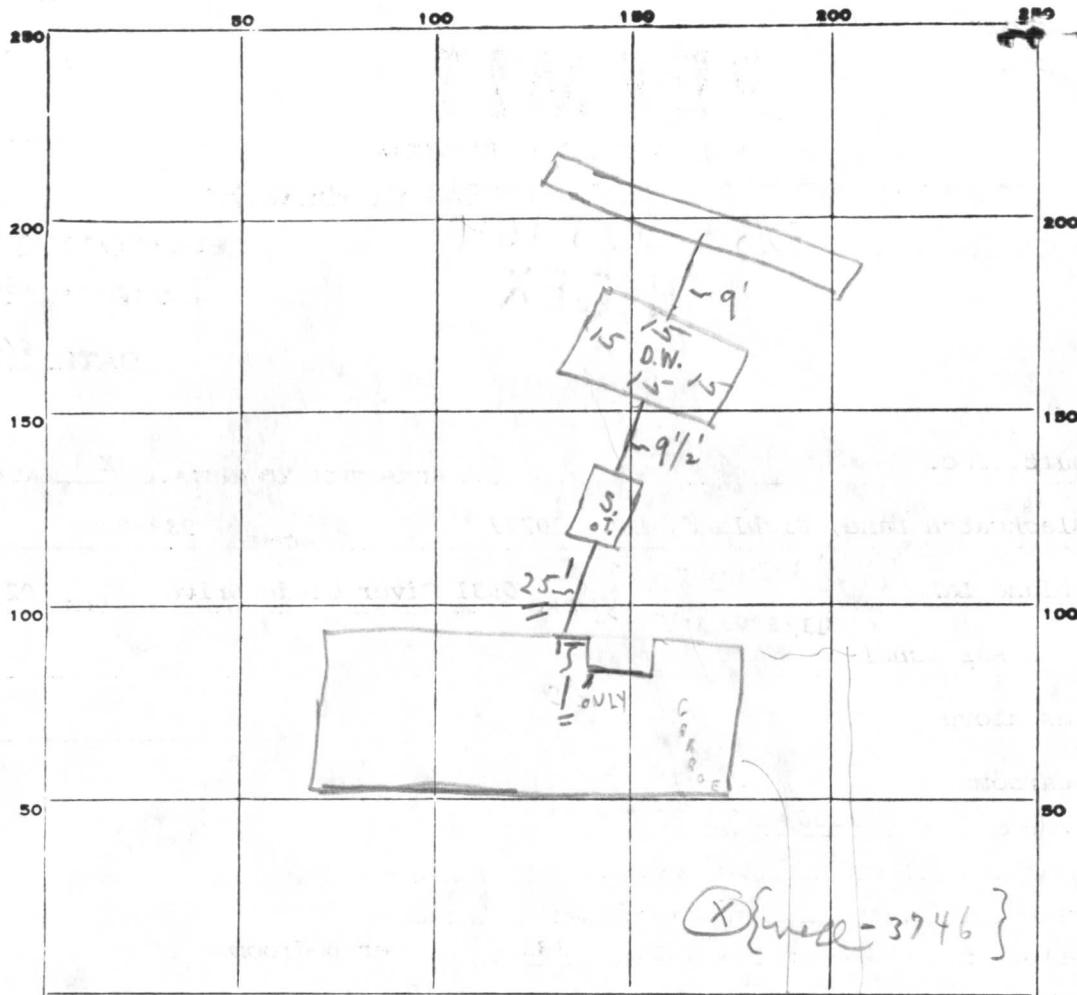
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

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

A24033



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.GRAVEL DEPTH 7 1/2 IN. TOTAL LENGTH 25 FT.NUMBER OF TRENCHES 1 TOTAL BOTTOM AREASEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 7 FT.ABSORBENT AREA 595 SQ. FT.

REMARKS

6/26/80 <sup>v(?)</sup> OK to add stone in trench for  
 6/30/81 SYSTEM - COVERED FROM HOUSE TO TANK - NEED TO SEE  
 HOUSE CONNECTION - OK TO COVER TRENCH, DRYWELL & SEPTIC  
 TANK TO 1' OF TANK END NEAREST HOUSE. 9/9/81 CHECKED -  
 HOUSE CONNECTION COMPLETE. C.B.D.  
 C.B. ✓

DATE SYSTEM APPROVED

9/9/81

INSPECTOR

C.B. Vthesker

# APPLICATION

A 24033

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

4 B.R. 1250 gal. sept. tank DISTRICT Fifth

DATE 9/15/76

Drywell & trench system to have at least 135 SQ. FT. absorbant sidewall area below the top 3 ft. of non-porous soil. Maximum depth permitted for drywell or trench is 10 ft. below original grade. Place the drywell 140 ft from the front lot line and 20 feet from the right side line as seen when facing the lot from River Clyde Drive. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground the necessary distance (See sketch). Call for inspection of trench before placing gravel in trench.

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE BLDG. PERMIT SIGNED  
DISPOSAL SYSTEM. AND RETURNED 4/2/81

PROPERTY OWNER Mr. Walter Bucher  
Highland Partnership  
ADDRESS 8777 First Avenue PHONE (8)-588-3100  
Silver Spring, MD 20901

PROPERTY LOCATION:  
SUBDIVISION Highland Lake LOT NO. 103 92  
ROAD AND DESCRIPTION 6531 River Clyde Drive

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 Frank Skinner FOR Drywell & trench DATE 4/2/81  
(KIND OF SYSTEM)

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

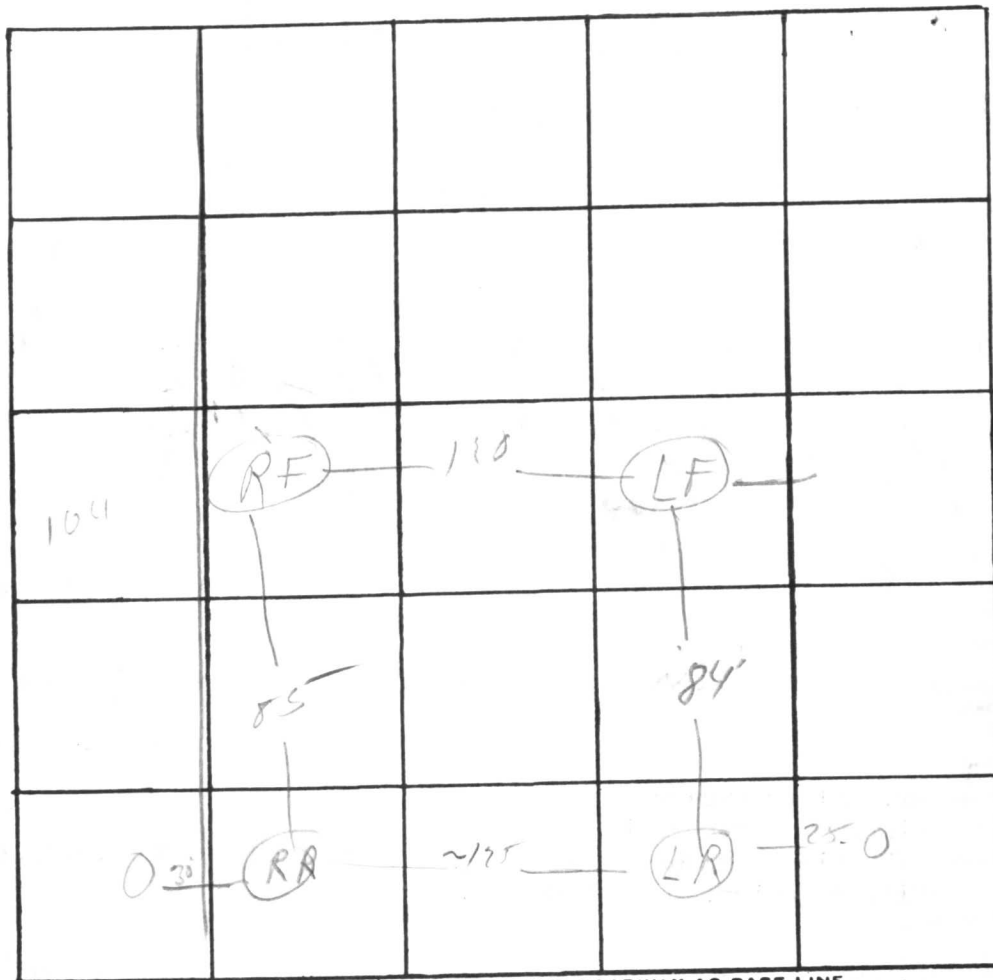
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

A24033

103



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/11	RR S	3'	1059	1100	1100	1116	10
	d	12'	1102	1106	1106	1110	4
	LR S	3'	1133	1134	1134	1150	16
	d	12'	1145	1150	1150	1158	8
	LF	12'	Discol.		Sand, low	4-12'	
	RF	3	1220	1223	1223	1226	3
		12	1220	1221 <sup>30</sup>	1221 <sup>30</sup>	1225 <sup>30</sup>	4

REMARKS

(RF) Rocky - sandstone

TYPE OF SOIL

TESTED BY

DJOY

ALSO PRESENT:

3kitimars

# APPLICATION

424033

A ~~2112~~

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

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

*Lot failed perc  
A number being  
used on Lot 93.*

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. 102 *New 102*

ROAD AND DESCRIPTION River Clyde Drive

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)

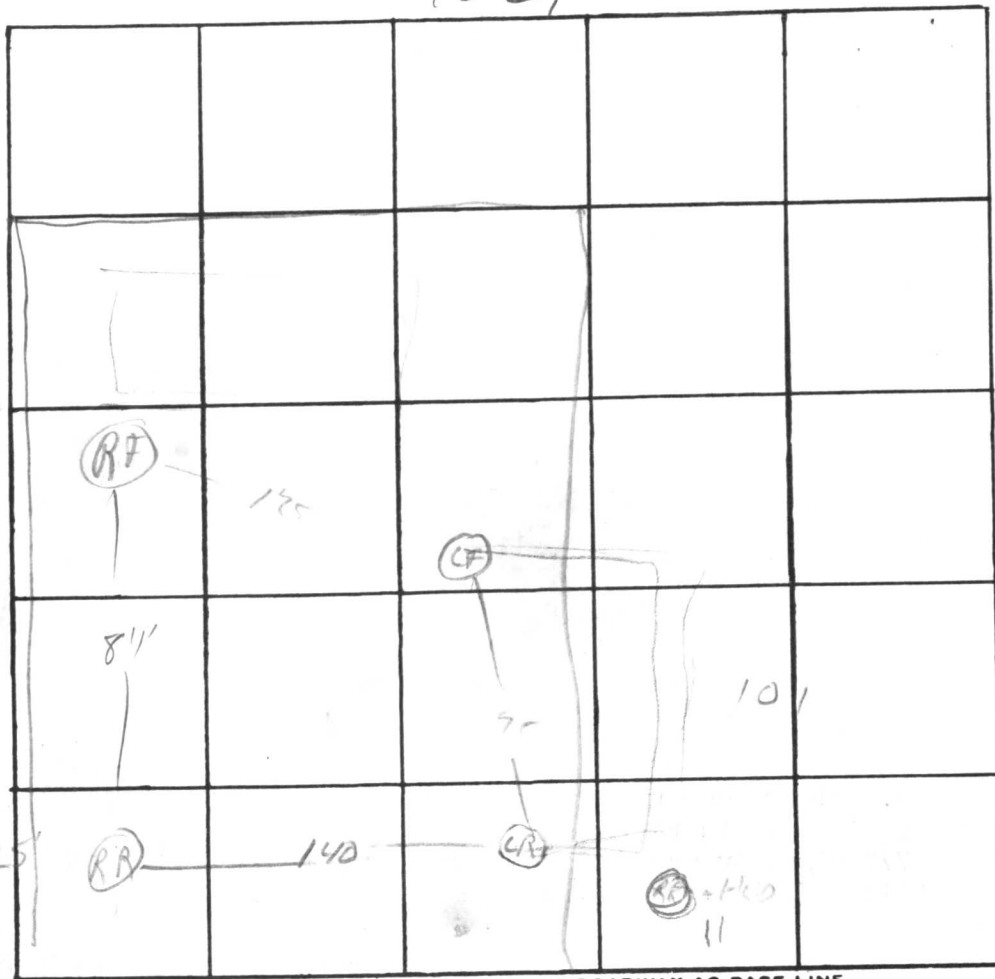
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

A24033

102,



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-13-76	102RRs	3"	11:50	12:00	12:00	12:08	8
	d	11'	11:50	11:50	11:50	11:50	~2050 -
	102RFs	4'	12:15	12:19	—	—	3 min est
	RFd	12 1/2'	12:15	12:18	12:18	12:23	3
	LRs	3'	12:44	12:45	12:45	12:55	10
	d	12'	12:44	1:08	1:08	—	slow
	LF	vis - presumed ok upon 8/13/76					

D/04  
12/8/76

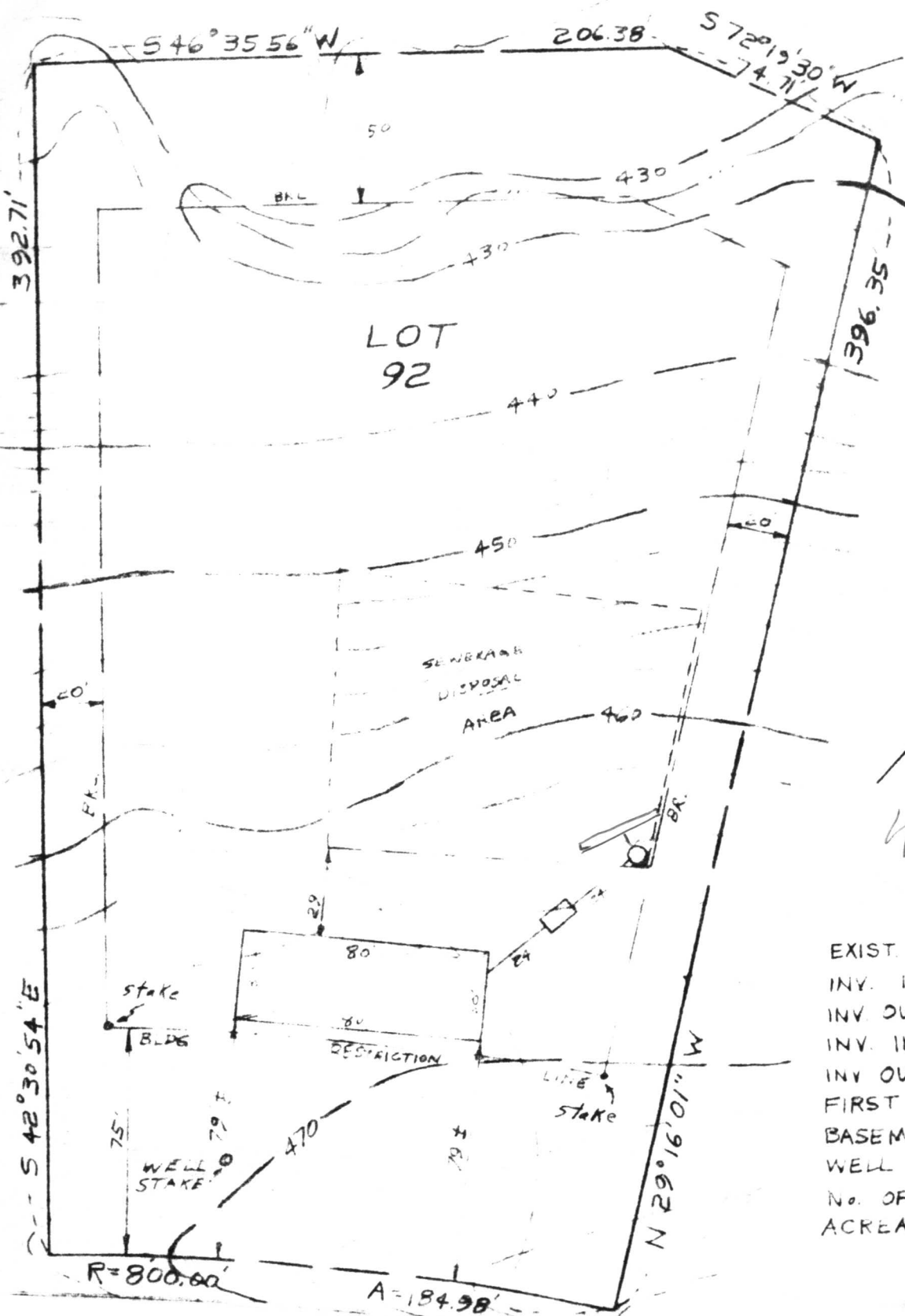
REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT:

3 Kethmans.



# SITE PLAN

RIVER CLYDE DR.

LOT 92  
SECTION III  
AREA I  
HIGHLAND LAKE  
ELECT. DIST. 9  
HOWARD Co., MD

4/2/81  
Sketch O.K.  
P.S.

EXIST. GR. DRYWELL	464.50
INV. IN DRYWELL	461.50
INV. OUT SEPTIC TANK	462.00
INV. IN SEPTIC TANK	462.30
INV. OUT DWELLING	462.80
FIRST FLOOR ELEV.	469.50
BASEMENT ELEV.	461.50
WELL ELEV.	469.20
No. OF BEDROOMS	4
ACREAGE	2.1316 AC.



C1 4813 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN  
30 DAYS AFTER WELL IS COMPLETEDCOUNTY  
NUMBER A24033Date Received  
(WRA use only)Dec 9 1980  
DATE WELL COMPLETED

Depth of Well

300

(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

H0-73-3746

OWNER  
last name

Schulz

first name

STREET OR RFD

6610 Blackwatch Lane

TOWN

SUBDIVISION

Highland Lake

SECTION

3

LOT

92

WELL LOG  
Not required for driven wellsSTATE THE KIND OF FORMATIONS  
PENETRATED, THEIR COLOR, DEPTH,  
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use  
additional sheets if needed)FEET  
FROM TOCheck  
if water  
bearing

rolling ground gravel	0	31'	
schist	31'	46'	
water			✓
schist	46'	268"	
water			✓
schist	268"	300'	

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)yes  
Yno  
N

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 9 NO. OF POUNDS 864

GALLONS OF WATER 63

DEPTH OF GROUT SEAL (to nearest foot)

from 48 TOP 0 ft. to 30 ft. BOTTOM 58

CASING RECORD

casing  
types  
insert  
appropriate  
code  
belowST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHERMAIN  
CASING  
TYPENominal diameter  
top(main) casing  
(nearest inch)Total depth  
of main casing  
(nearest foot)

ST 6 34

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

SCREEN RECORD

screen type  
or open holeinsert  
appropriate  
code  
belowST BR HO  
STEEL BRASS OPEN  
BRONZE HOLE  
PL OT  
PLASTIC OTHERC2 (seq. no.)  
DEPTH (nearest ft.)  
H0 34 300  
EACH SCREEN  
23 24 26 30 32 36  
38 39 41 45 47 51  
SLOT SIZE 1 2 3DIAMETER  
OF SCREEN (NEAREST  
INCH)

GRAVEL PACK

IF WELL DRILLED WAS  
FLOWING WELL CIRCLE BOXWRA USE ONLY  
(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

70  
TELESCOPE  
CASING72  
LOG  
INDICATORW O  
74 75 76  
OTHER DATA

C3 (seq. no.)

PUMPING TEST

HOURS PUMPED (nearest hour) 1

PUMPING RATE (gal. per min.  
to nearest gal.) 2METHOD USED TO  
MEASURE PUMPING RATE Air-Machine

WATER LEVEL (distance from land surface)

BEFORE PUMPING 27

WHEN PUMPING 300

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

YES NO

DRILLER WILL INSTALL PUMP  
(CIRCLE APPROPRIATE BOX) Y NIF DRILLER INSTALLS PUMP, THIS SECTION  
MUST BE COMPLETED FOR ALL WELLS  
EXCEPT HOME USETYPE OF PUMP (WRITE APPROPRIATE  
LETTER IN BOX - SEE ABOVE:  
(A, C, J, P, R, S, T, O)CAPACITY:  
GALLONS PER MINUTE  
(to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

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)

DRILLERS IDENT. NO. 064

DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign of driller or journeyman  
responsible for sitework if different from permittee)

HEALTH



DEC 15 12 01 PM '80

DEC 15 12 23 PM '80

HEALTH