

05-381878

8/23/79 approved
File C.B.

P 30103

A 30069

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 8/21/79

INDEXED

10/31/2001

B00133028

Expand Kitchen

20 X 10

Liberty Backhoe Service

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS

PHONE

SUBDIVISION Highland Lake

ROAD

River Clyde Drive

LOT

43, Sec. 1

PROPERTY OWNER Hewee Construction Co.

ADDRESS 12228 Mt. Albert Road, Ellicott City, Md.

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1500 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

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

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 75 FT. FROM right LOT LINE AND 15 FT. FROM back LOT LINE AS SEEN WHEN
(199.15') (177.49')

FACING LOT FROM front.

TRENCH-5 ft. earth buffer at dry well. 50 ft. long, 12 ft. deep with 8 ft. of
gravel. TWO INSPECTIONS.

PLANS APPROVED BY James Stayer

DATE 8/20/79

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 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.

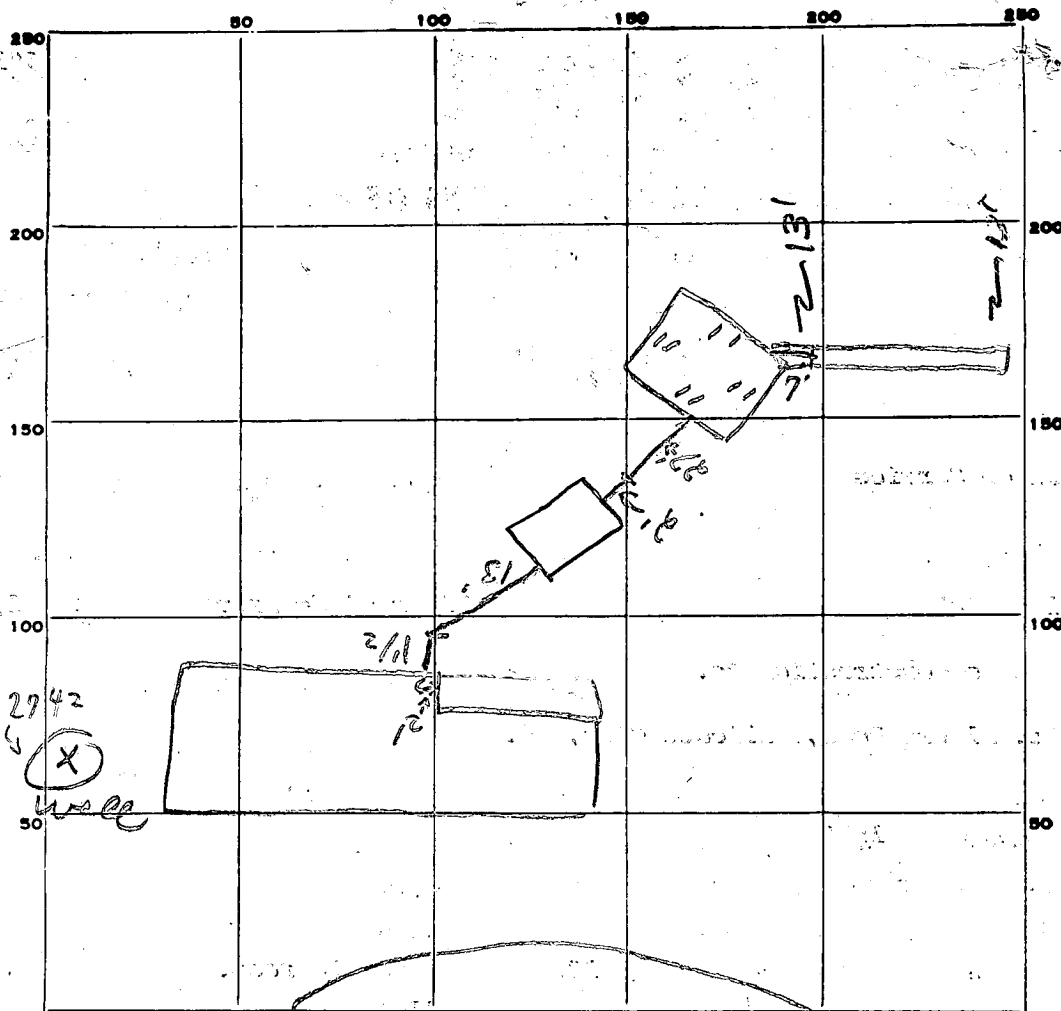
HD - 23

BLDG. PERMIT SIGNED

AND RETURNED 9/17/85

Serial # 05258 Prod

A 30069



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD yes

SEPTIC TANK, LEVEL ✓

DISTRIBUTION BOX, LEVEL N/A

CLEANOUTS

S.T. O.W.

✓ No yes

C.I. C.I.

TILE FIELD, DEPTH 13 FT. TRENCH WIDTH 2 FT. (credit only to 12')

GRAVEL DEPTH 9 1/2' IN. TOTAL LENGTH 50 FT. 400

NUMBER OF TRENCHES 1

TOTAL BOTTOM AREA

DW 11' deep

SEEPAGE PITS, INSIDE DIAMETER 44 FT.

DEPTH BELOW INLET 7 + FT.

ABSORBENT AREA

708 +

SQ. FT.

REMARKS

8/22/79 OK to add gravel to trench. for

8/23/79 OK to cover from house to edge of dry well
closest to house - partial. 8/23/79 Trench completed.

C.B.V.

C.B.V.

DATE SYSTEM APPROVED

8/23/79 as per above

INSPECTOR

C.B. Street

Retest
8/20/79

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30069

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 8/6/79

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 Howco Construction Company

ADDRESS 12228 Mt. Albert Road, Ellicott City, Md. 21043 PHONE 988-9217

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 43, Sec. 1

ROAD AND DESCRIPTION River Clyde Drive

SIZE OF LOT 1 acresm/1 TYPE BLDG. 3 or 4 bedrooms

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

I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER

ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT Robert E. Gosselin

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

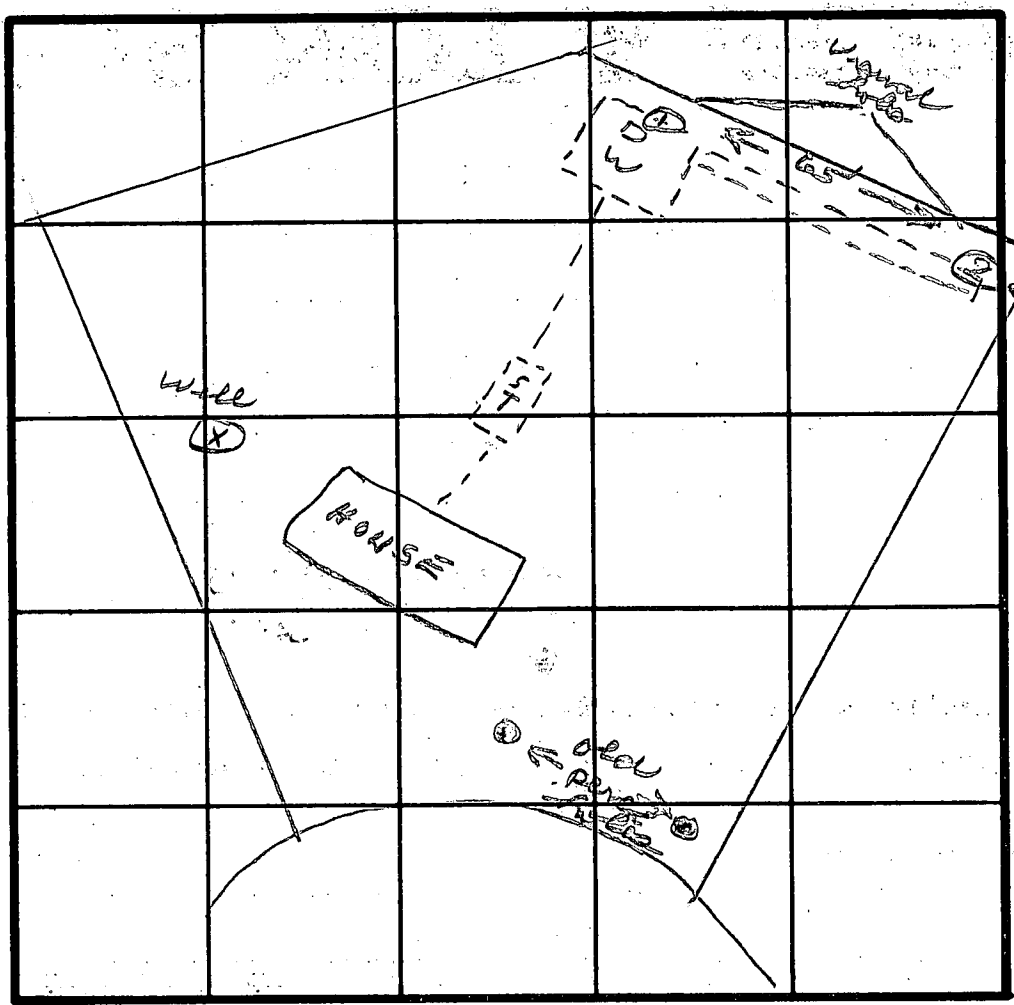
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

LOT 4-3

SOIL PROFILE

0-3 1/4-4 ft
Clay
4-13 ft
Sandy
loam



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

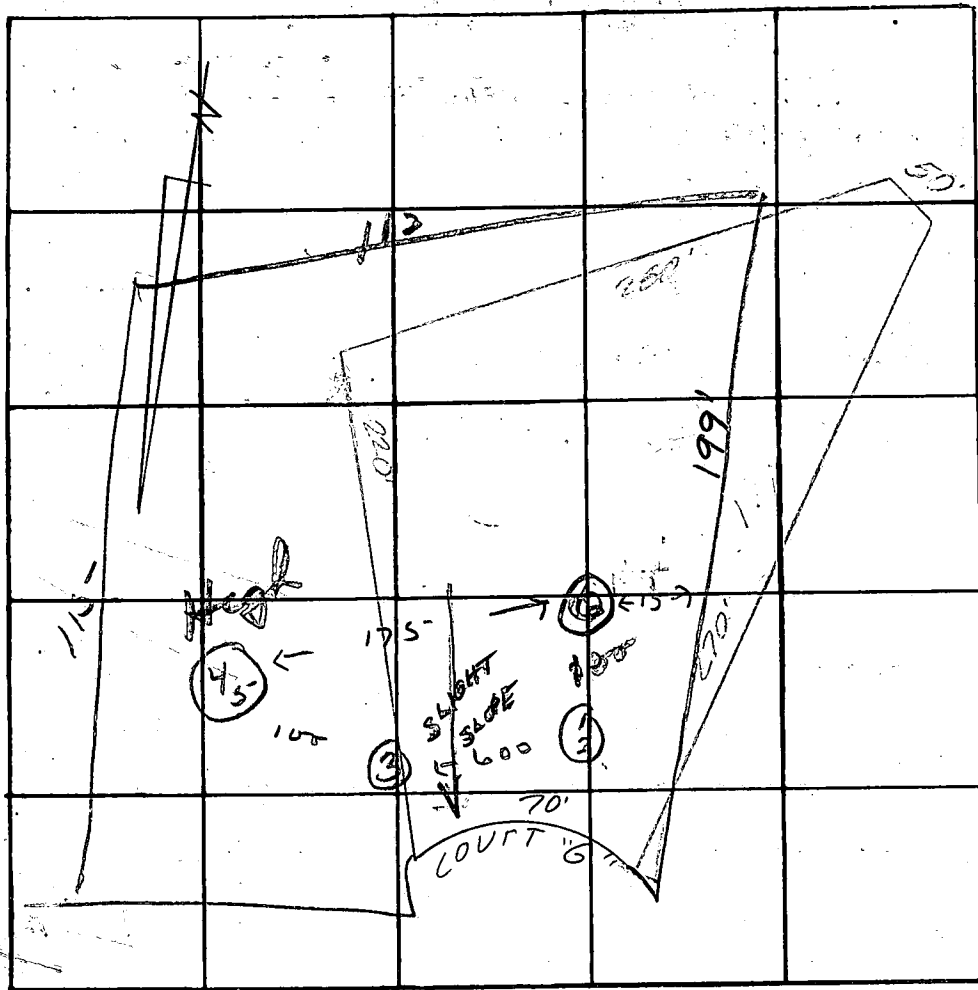
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/20/75	1	13	VISUAL				
	2	13					

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

43
45
X

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/24/74	1	13 ft	10:50	—	—	10:55	5 min
	2	5 1/2 ft	10:45	10:55	—	11:15	20 min
	3	12 ft	GOOD SOIL After 6 ft of Clay				
	4	12	11:40	—	—	11:46	6 min
	5	5 1/2	11:40	Slow	—	—	
	5A	6 1/2	11:50	Slow	—	—	
	5A	7 1/2	12:02	12:05	12:05	12:12	7 min
		Only to 13 1/2					
	6	12 1/2 ft.	- 7 ft of Clay				4/38

175 ft

drilled 4' good ground 9 min =

REMARKS

Use Hole #45 - Certify Holes drilled at 6 ft

TYPE OF SOIL

TESTED BY

E.T.

ALSO PRESENT:

DRAWING IS WRONG.

C 1 3887 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (WRA USE ONLY) 6-29-78 DATE WELL COMPLETED	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401 WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED IN 30 DAYS AFTER WELL COMPLETION FILL IN THIS FORM COMPLETELY COUNTY NUMBER PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-13-1742 28 29 30 31 32 33 34 35 36 37
DATE RECEIVED (WRA USE ONLY)		DEPTH OF WELL 150 22 (TO NEAREST FOOT) 26	DRILLERS IDENTIFICATION NO. 120

OWNER: GOSSELIN ROBERT LAST NAME FIRST NAME
 STREET OR RFD: 12328 MT ALBERT RD POST OFFICE: FAWCOTT CITY, MARYLAND

WELL LOG STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)</th> <th colspan="2">FEET</th> <th rowspan="2">CHECK IF WATER BEARING</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>OVERBURDEN</td> <td>0</td> <td>9</td> <td></td> </tr> <tr> <td>BROWN SHALE</td> <td>9</td> <td>68</td> <td></td> </tr> <tr> <td>GRANITE</td> <td>68</td> <td>150 X</td> <td></td> </tr> <tr> <td colspan="4">WELL #1 (300' DRY)</td> </tr> </tbody> </table>	DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING	FROM	TO	OVERBURDEN	0	9		BROWN SHALE	9	68		GRANITE	68	150 X		WELL #1 (300' DRY)				GROUTING RECORD YES NO WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) ☒ Y ☐ N TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT ☒ M BENTONITE CLAY ☐ B ☐ C NO. OF BAGS 30 NO. OF POUNDS 3000 GALLONS OF WATER 180 DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 73 FT. (ENTER 0 IF FROM SURFACE) CASING RECORD INSERT APPROPRIATE CODE BELOW STEEL ☐ S ☐ T CONCRETE ☐ C ☐ O PLASTIC ☐ P ☐ L OTHER ☐ O ☐ T MAIN CASING TYPE ☐ S ☐ T NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 73 60 61 63 64 66 70 OTHER CASING (IF USED) DIAMETER (INCH) DEPTH (FEET) FROM TO EACH CASING SCREEN RECORD INSERT APPROPRIATE CODE BELOW STEEL ☐ S ☐ T BRASS OR BRONZE ☐ B ☐ R OPEN HOLE ☐ H ☐ O PLASTIC ☐ P ☐ L OTHER ☐ O ☐ T C 2 (SEQ. NO.) DEPTH (NEAREST WHOLE FOOT) FROM 13 TO 150 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51 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) T ☐ 70 LOG INDICATOR ☐ 72 W Q ☐ 74 ☐ 75 ☐ 76 OTHER DATA AVAILABLE	PUMPING TEST 1 2 3 (SEQ. NO.) 6 HOURS PUMPED (TO NEAREST HOUR) 6 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 6 METHOD USED TO MEASURE PUMPING RATE AIR WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 32 (NEAREST FOOT) WHEN PUMPING 125 (NEAREST FOOT) TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST) AIR ☒ A PISTON ☐ P TURBINE ☐ T CENTRIFUGAL ☐ C ROTARY ☐ R OTHER (DESCRIBE BELOW) ☐ O JET ☐ J SUBMERSIBLE ☐ S 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 ☐ Y NO ☐ N 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 ☐ A BELOW ☐ B LAND SURFACE 50 (NEAREST FOOT) 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). PITLESS READER
DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)		FEET			CHECK IF WATER BEARING																			
	FROM	TO																						
OVERBURDEN	0	9																						
BROWN SHALE	9	68																						
GRANITE	68	150 X																						
WELL #1 (300' DRY)																								

CIRCLE APPROPRIATE BOXES
☐ 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 NAME
 (PLEASE PRINT) GEDBAR HARRIS SONS CORP
 SIGNATURE [Signature]

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)
 T ☐ 70 LOG INDICATOR ☐ 72 W Q ☐ 74 ☐ 75 ☐ 76 OTHER DATA AVAILABLE

1 6824 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL	WRA PERMIT NUMBER HO-73-2742 FILL IN THIS FORM COMPLETELY
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DATE RECEIVED (WRA USE ONLY)	6/30/78	OWNER GOSSELIN ROBERT	FIRST NAME COL. 34
		COL 15 LAST NAME	
		STREET OR RFD	COL. 55
		12223 MT. ALBERT ROAD	
		POST OFFICE	COL. 76
		ELLICOTT CITY, MARYLAND 21043	

B 1	CONTINUED	DRILLER INFORMATION
1 2 3 (SEQ. NO.)	6	
DATE	APRIL 11, 1978	LICENSE NUMBER
		120
		77 80
		G. EDGAR HARRIS' CORP
		FIRST NAME DRILLER LAST NAME
		SIGNATURE

B 2	CONTINUED	WELL INFORMATION
1 2 3 (SEQ. NO.)	6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE)	5	
	8 12	
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY)	750	
	14 20	
USE FOR WATER (CIRCLE APPROPRIATE BOX)		
☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)		
☐ FARMING, AGRICULTURE, IRRIGATION		
☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.		
☐ MUNICIPAL WATER SUPPLY		
☐ PRIVATE WATER COMPANY		
☐ TEST		
MUST HAVE STATE HEALTH DEPT. APPROVAL		

APPROXIMATE DEPTH OF WELL	150	FEET
APPROXIMATE DIAMETER OF WELL	6	(NEAREST INCH)
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)		
☒ BORED (OR AUGERED) ☒ JETTED ☐ DRIVEN		
30-37 AIR-ROTARY ☒ AIR-PERCUSSION ☐ ROTARY (HYDRAULIC ROTARY)		
CABLE ☐ REVERSE-ROTARY ☐ DRIVE-POINT		
OTHER (DESCRIBE)		

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL	
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)	

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)	
APPROPRIATION PERMIT NUMBER	ENGINEER REVIEW DISTRICT NO.
54	65
FORCE	CONDITIONS
67 68	70 71 72 73 74 75 76 77 78 79

B 4	CONTINUED	HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.)	6	
41	S	STATE HEALTH (CIRCLE BOX)
		COUNTY NAME
		COUNTY NO.
		DATE
		041878
		APPROVED BY
		Palmer H. Wine

B 5	CONTINUED	SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
1 2 3 (SEQ. NO.)	6	

B 3	CONTINUED	LOCATION OF WELL
1 2 3 (SEQ. NO.)	6	
COUNTY	HOWARD	(DO NOT ABBREVIATE COUNTY NAME)
	8 21	
SUBDIVISION	HIGHLAND LAKES	
	23 42	
SECTION		LOT
	44 46	48 50
NEAREST TOWN	HIGHLAND	
	52 71	
MILES FROM TOWN (ENTER 0 IF IN TOWN)	1	
	73 76 77 78	

B 4	CONTINUED	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.)	6	
☒ NORTH	☐ EAST	☐ N E NORTHEAST
☐ SOUTH	☐ WEST	☐ S E SOUTHEAST
☐ N W NORTHWEST	☐ S W SOUTHWEST	
NEAR WHAT ROAD	1487 RIVER CLYDE ROAD	
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)	☒ NORTH ☐ SOUTH ☐ EAST ☐ WEST	
	32 32 32 32	
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX)	40	
	34 37 38 39	

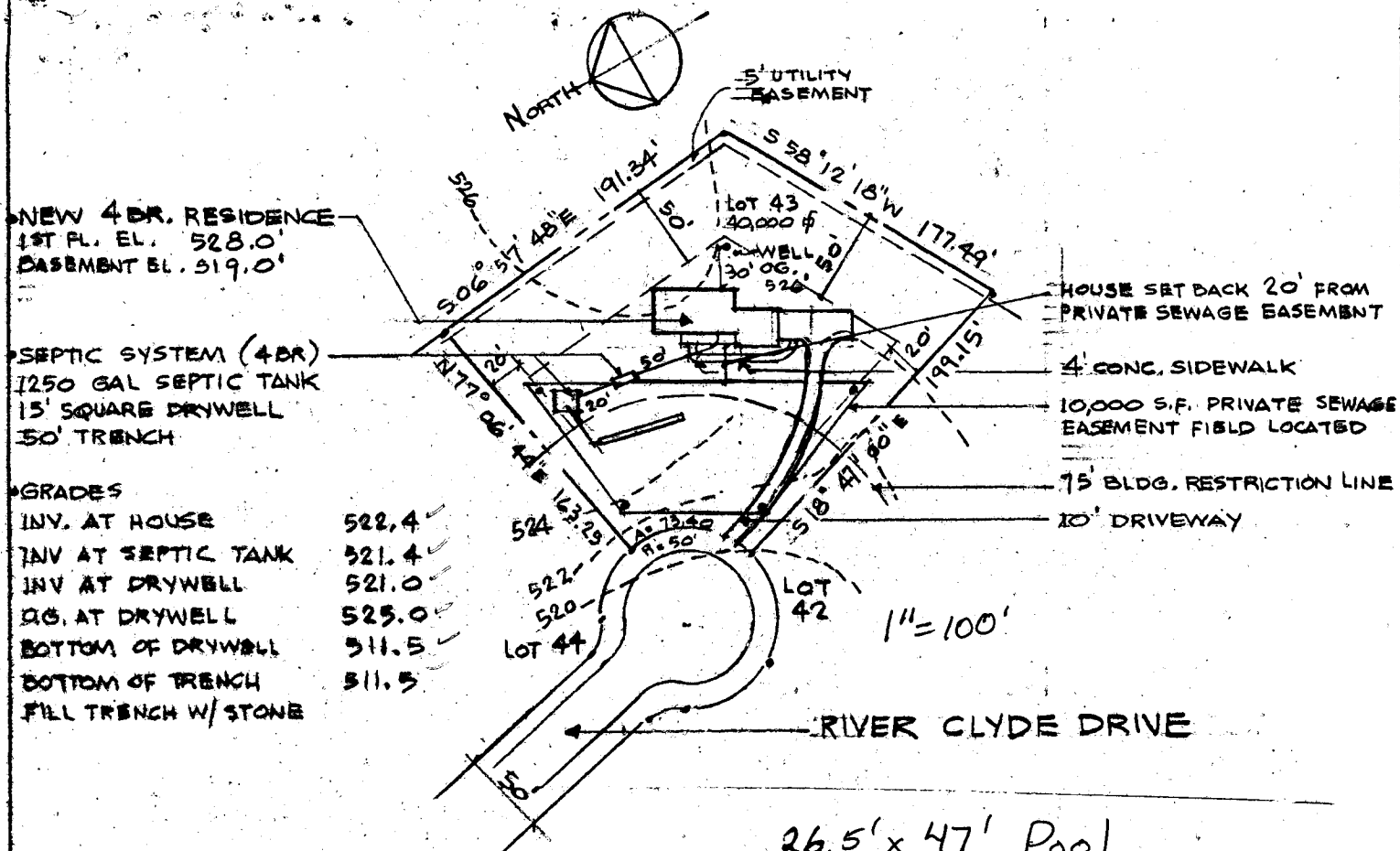
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

34ft 10" casing sandy waste
 34ft 10" casing open hole
 73ft 6" casing 2ft above O'G
 solid bottom 3 water at 34ft.
 30ft pipe
 29 bags cement
 20ft 10" casing (reamer) lost in hole

GLK	6/30/78	BOX NUMBER
		800
		470
NORTH COORDINATE	50 51 52 53 54 55	
EAST COORDINATE	57 58 59 60 61 62 63	
ELEVATION AT WELL HEAD (FEET)	65 66 67 68	

A19970

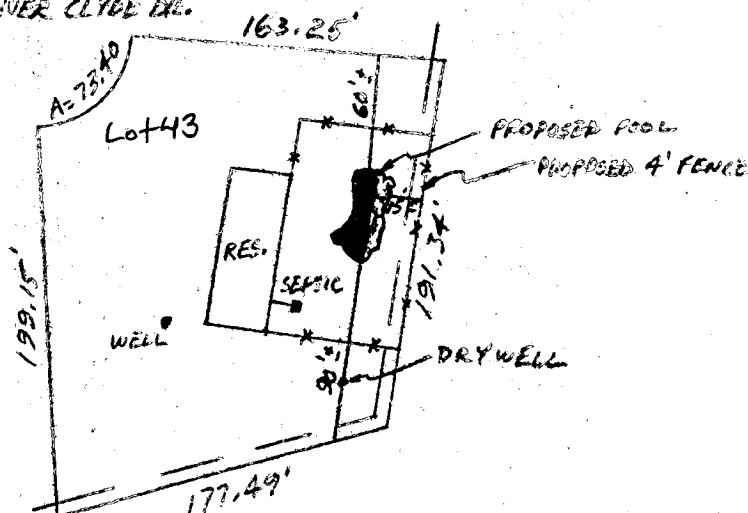
HEALTH



26.5' x 47' Pool
Approved 6/14/85
by J.S.

----- EXISTING CONTOURS

PLOT 6487
1"=100' RIVER CLYDE DR.



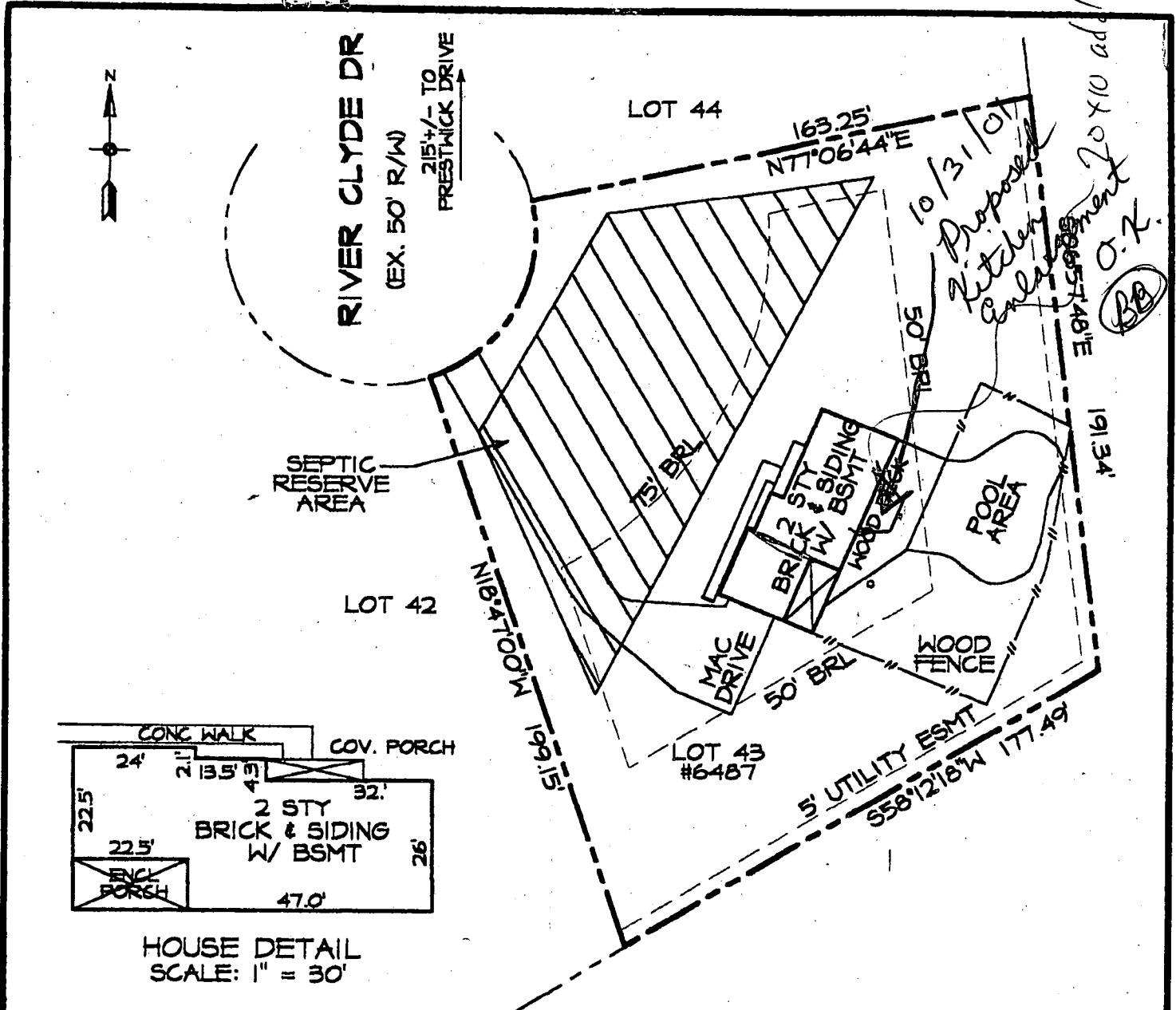
RESIDENCE FOR HC

1487 RIVER CLYDE

ELECTION DISTRICT 5, HOWARD CO. MD.

GWEN D. MCDADE, ARCHITECT

DWG. S-1
SCALE 1"=100'
DATE MAY 23, 1977



This does not constitute a lot survey, this will certify to Universal Title Ridgeway, Griffin, Keatner and Cogan Attorneys at Law that I have located the existing improvements on the above lot(s) as established by methods accepted by the COMAR 08.13.08-Min. Standards of Practice for Location Surveys in accordance with the plat and/or deed of records. This plat was prepared without a title report and does not purport to reflect all easements, encumbrances, or other circumstances affecting the title to the shown lot(s).

TAX MAP NO. : 34; PARCEL : 570; LOT : 43

DEED REFERENCE : LIBER 11119 FOLIO : 214

PLAT REF: 3810

NOTE :
THIS PROPERTY LIES WITHIN FLOOD ZONE "C" (AREA OF MINIMAL FLOODING) AS SHOWN FIRM COMMUNITY PANEL NO.240044 00328, DATED DEC. 4, 1986

Patrick C. Richardson, Jr
Registered Surveyor
31-May-2001
Date



Richardson Engineering, LLC
730 W. Padonia Road, Suite 101
Baltimore, Maryland 21030
Tele.: 410-560-1502
Fax: 410-560-0827

LOCATION DRAWING
OF
6487 RIVER CLYDE DRIVE
HOWARD COUNTY, MARYLAND
CASE NO. 090350L-

DRAWN BY: PCR

REVIEW BY: GJT

DATE: MAY, 2001

JOB NO. 301089

SCALE: 1" = 30'