

11/25/92 noon
12/24/92

PERMIT

05-373808

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48707

A 46737

DISTRICT 5th

DATE 11/23/92

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 313-2640

INDEXED

DATE SYSTEM APPROVED 12/21/92

INSPECTOR M. Rifkin

Mike Green & Sons

IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 58, Olney, Maryland 20832 PHONE 301-670-0470

SUBDIVISION Gaither Property LOT Parcel: 325 ROAD 7936 Guilford Road

PROPERTY OWNER Ronald Diggs

ADDRESS

SEPTIC TANK CAPACITY 1100 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. inlet 3 1/2 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 1 1/2 feet of stone below distribution pipe.

LOCATION - Starting from the right rear lot corner, place the distribution box 50 feet down the right lot line and 10 feet off the right lot line. Run trenches on contour to left side of lot, keeping them as high as possible. Maintain a minimum of 100 feet from the well to all parts of the septic system.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

PLANS APPROVED BY Mark Rifkin

DATE 3/19/92

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

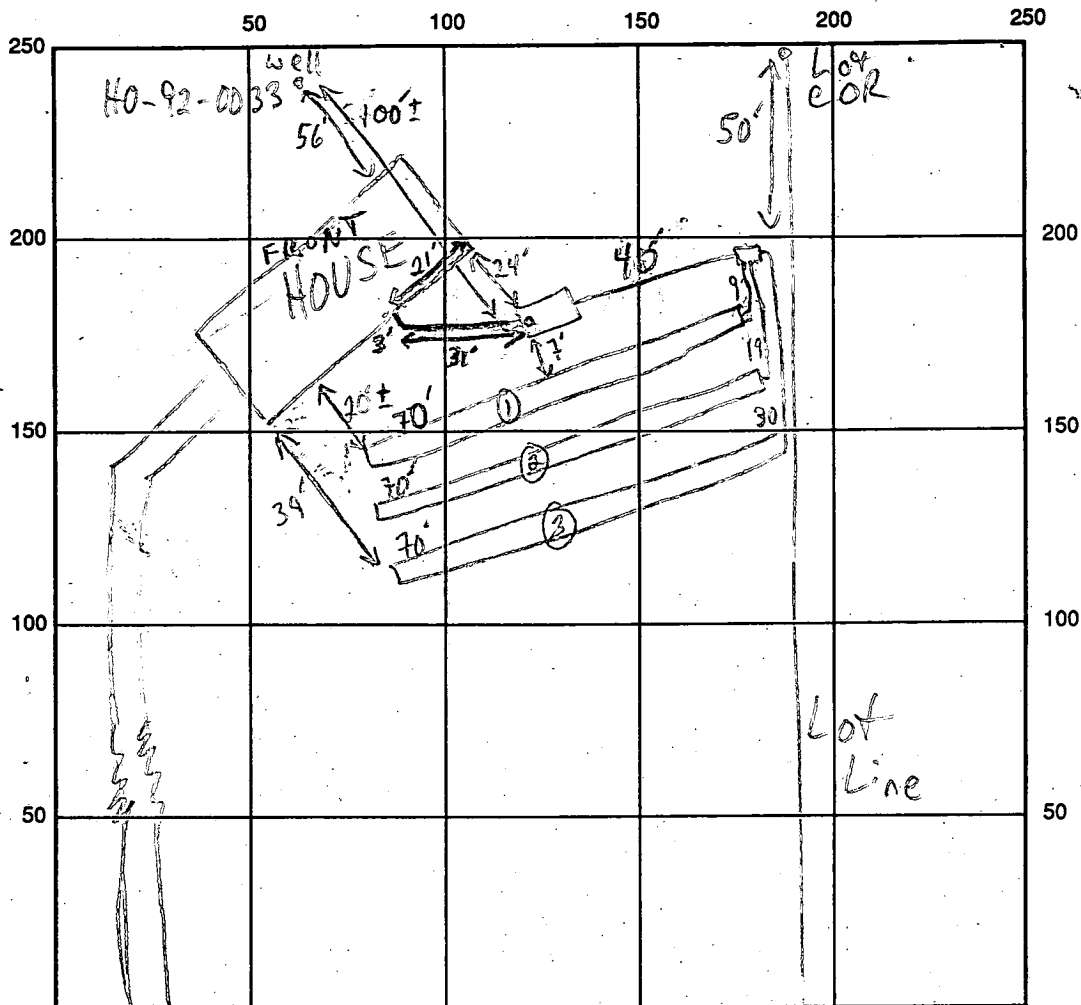
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A
46737



GUILFORD RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000 GAL-OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK-RAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 3 @ 70' FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 3 @ 210 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 630 SQ. FT.

REMARKS: 11/25/92 OK TO COVER S.T. & TRENCHES; HOLD

FOR HOUSE CONN. INSP. MR

12/21/92 HOUSE CONN. OK MR

DATE SYSTEM APPROVED 12/21/92

INSPECTOR M. Rifkin

APPLICATION

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 1476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

PERCOLATION TESTING

Public Water & Sewer
in Area
12-20-90
Preview ok. 100 ft
stream buffer
restriction. Limited
house & well location.
Wet Season. DEN

A 46737
P _____

DISTRICT 5th
DATE 1/2/91
12/13/90

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 Clare M. Kane Ronald Diggs

ADDRESS c/o 3716 Court Place, Ellicott City PHONE 461-1425 527-1418

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Laithers Property LOT NO. _____

ROAD AND DESCRIPTION 7936 Guilford Road

TAX MAP 35 PARCEL # 325

SIZE OF LOT 1+ acre TYPE BLDG. single family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Clare M. Kane
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 10/30/92
Serial # 45881-5FP

HD-216

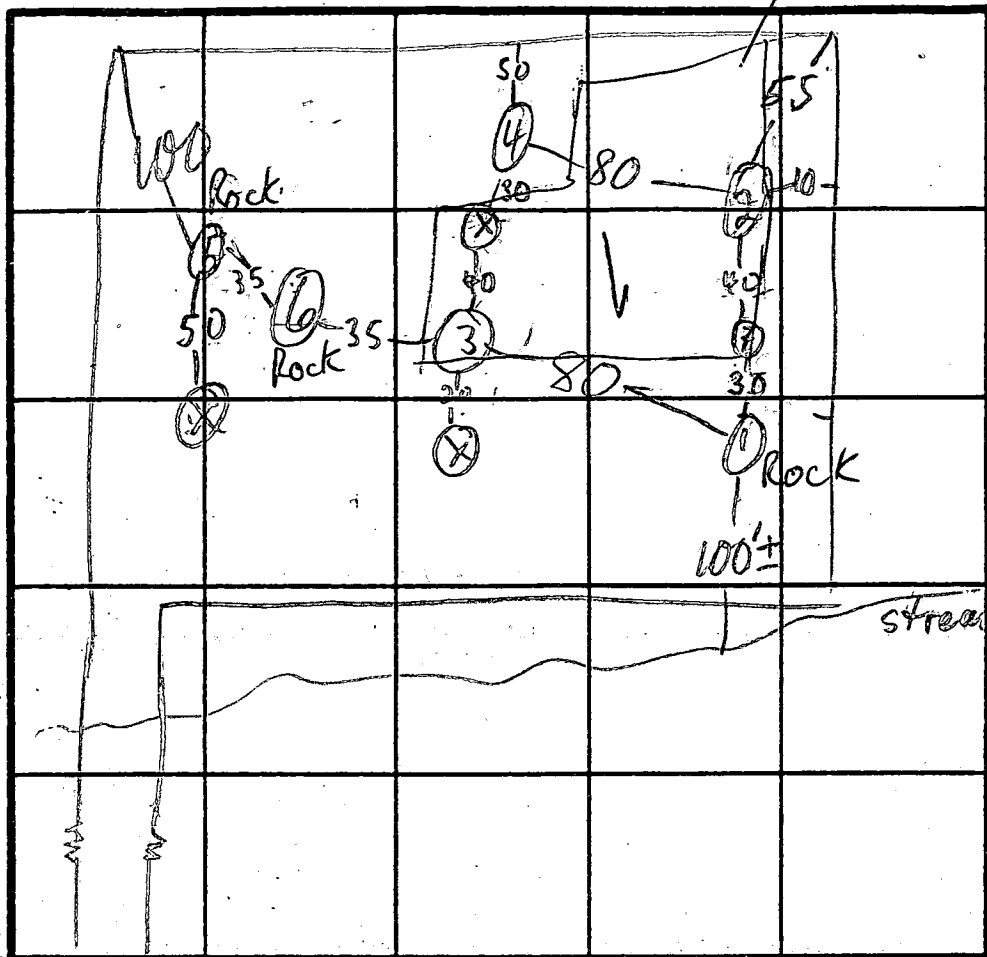
THIS IS NOT A PERMIT

A46737

⊗ = NOT DUG

GOOD AREA

F=14
210 BR
Inlet 3 1/2
Bot 5'



④
choc brn clay loam 3-3 1/2
30-40% Rx & sand loam one side of hole
brn sand loam w/ 20% saprolite
HARD BOT 9' 9"

⑤
brn clay loam 2 1/2
brn sand loam 5
50% large Rx & sand loam 1 1/2

⑥
brn org clay loam 2 1/2
brn sand loam 30-40% Rx 7
rock shelf

SOIL PROFILE
choc brn clay loam 2 1/2
org brn silty sand loam w/ some mottles unknown origin 5 1/2
brn silty sand loam 35% Rx 9 HARD BOT

choc brn clay loam 2 1/2
med brn silty sand loam 15% Rx
rock mottles 12

choc brn clay loam 2 1/2
brn silty sand loam 6 1/2
30% black frags
14. tan sand

GUILFORD RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
2/20/9	1 S	3 1/2	10:22	10:25	10:25	10:31	6
	1 V	9	see profile		FAIL		
	2 S	3 1/2	10:41	10:50	10:50	11:16	20
	2 V	12	see profile				
	3 S	3 1/2	11:09	11:16	11:16	11:27	11
	3 V	4 1/2	see profile				
	4 S	4	11:35	11:47	11:47	12:17	30
	4 M	6 1/2	11:43	11:43	11:43	11:44	1/2
	4 M ₂	6 1/2 Repair	11:45	11:45	11:45	11:46	1
	4 V	9' 9"	see profile				
	5 V	11 1/2	ROCK AT 5'		- FAIL		
	6 V	9	ROCK AT 7'		- FAIL		
	7 V	9 1/2	sim' to ②		see profile		

REMARKS HOLES ① ② ⑤ DUG PER PLAT; OTHERS NOT PER PLAT
TYPE OF SOIL MAX AREA 8000
TESTED BY M. Rifkin / D. Buggs ALSO PRESENT owner + Fyock's men



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer
September 27, 1990

Reply to:

MEMORANDUM

TO: Mr. William E. Riley, Chief
Department of Engineering
Department of Public Works
Howard County Government

FROM: Craig Williams, Director *C.W.*
Water and Sewerage Program

SUBJECT: Availability of Public Water and/or Public Sewer
Tax Map: 35 Parcel: 325 Grid: 23
Address: Guilford Road
Owner: Clare Kane & Gene Deems
Owner's Address: 3716 Court Place
Ellicott City, Maryland 21043

Ms. Clare Kane has requested authorization from this office to conduct percolation tests in order to install a septic system on the above referenced property which is located in the Metropolitan Service District. Authorization is normally granted only for exceptional cases where public facilities are not "reasonably" available.

In order to determine if an exception is warranted, we request any information you can provide detailing the availability of public water and sewer to this property.

Thank you for your assistance.

CW:jr



Department of Public Works
BUREAU OF ENGINEERING

William E. Riley, Bureau Chief

October 11, 1990

MEMO TO: Craig Williams, Director
Water and Sewerage Program
Howard County Health Department

FROM: Don Lieu, Chief **ODL**
Utility Design Division

SUBJECT: Availability of Public Water and sewer
Tax Map 35, Parcel 325
Address: 7936 Guilford Road
Owner: Clare Kane and Gene Deems
3716 Court Place
Ellicott City, MD 21043

The following is in response to your inquiry of September 27, 1990 regarding sewer service to the above referenced parcel.

The Howard Research and Development Land Company (HRD) is currently constructing the water and sewer utilities for their development of the Village of Hickory Ridge, Section 6, Area 4. After the completion of the utilities within the development, public sewer will be within 250 feet of the subject parcel. An 8 inch sewer stub was placed within Caravan Court at Elevation 342 to be eventually extended through an open space parcel to serve the properties to the west. Whether the stub is adequate to provide service to the referenced parcel will depend on the placement of the house and the depth of the existing stream. Field surveys will be required before a definite determination of sewer service can be made. A stream crossing and one or more easements will be required for the construction of the sewer extension. Public water to the subject parcel can be provided by extending the water main to be built by HRD 550 feet east along Old Guilford Road to the ingress of Parcel 325.

The water and sewer facilities should be completed within the next month. Enclosed are several sketches showing the location of the referenced parcel and the existing utilities.

If you have any questions concerning the information provided, please do not hesitate to contact me at 992-2070.

DL/a
Enclosures
cc: William E. Riley

Elizabeth Bobo, County Executive
James M. Irvin, Director of Public Works

PRIVATE SEPTIC EASEMENT A 46737

DISTRIBUTION BOX

SEPTIC TANK

PROPOSED SPLIT FOYER DWELLING (NO BASEMENT SEPTIC SERVICE)

FF. 394.4
BE. 386.8
FOYER 391.5

EXISTING WELL HO 920033

15" TRENCH CAN BE BUILT THROUGH STARTING POINT

15" TRENCH CAN BE BUILT THROUGH STARTING POINT

OFF 355

OFF 355

TRENCHES

AS BUILT HOUSE LOCATION

ELEVATIONS OK 10/30/92 CWL

BASEMENT SERVICE TO BE FORFEITED
PUBLIC SEWER "IMMINENT"
CANNOT ACHIEVE DESCRIBED

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPT. NO. 46737.
2. PROPOSED 1,250 GALLON SEPTIC TANK.
3.
 - A. FIRST FLOOR ELEVATION: 394.4
 - B. BASEMENT ELEVATION: 386.8
 - C. INVERT OF SEPTIC SYSTEM AT HOUSE: ~~391.5~~ 384
 - D. INVERT IN AT SEPTIC TANK: ~~387.0~~ 383.5
 - E. INVERT OUT AT SEPTIC TANK: ~~385.7~~ 383.2
 - F. PROPOSED GRADE OVER SEPTIC TANK: ~~391.0~~ 384
 - G. INVERT AT DISTRIBUTION BOX: ~~385.0~~ 383
 - H. EXISTING GROUND OVER DISTRIBUTION BOX: ~~385.0~~ 384
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

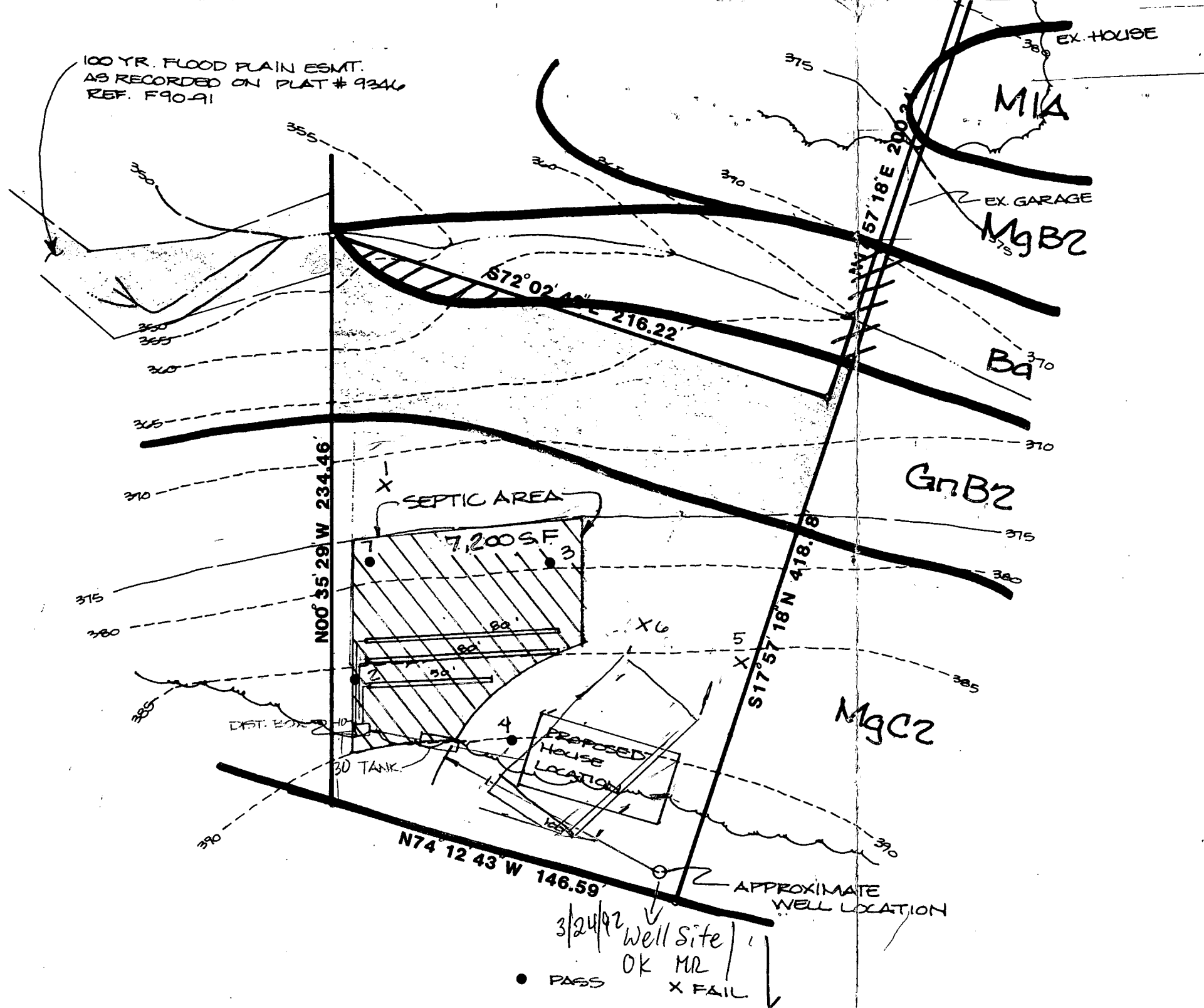
7171 BALTIMORE NATIONAL PIKE, SUITE 100

ELLCOTT CITY, MARYLAND 21042

TELEPHONE: (410) 461-7855

FAX: (410) 250-3784

100 YR. FLOOD PLAIN ESMT.
AS RECORDED ON PLAT # 9346
REF. F90-91



NOTE: TOPO INTERPOLATED FROM
200 SCALE HOWARD COUNTY
MAP.

APPROVED: For private water and private sewerage systems

Copy sent for sig + signed 3/11/92
COUNTY HEALTH OFFICER / MR _____ DATE _____

3.10.92	1	ADJUST SEPTIC AREA AWAY FROM HOLE 6.
DATE	NO.	REVISION
OWNER/DEVELOPER <i>Copy sent for sig</i> CLARE KANE 3716 COURT PLACE ELLICOTT CITY, MARYLAND 21043 <i>Signed 3/11/92</i>		
PROJECT: GAITHER PROPERTY		
AREA TAX MAP 35 PARCEL 325 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: PERCOLATION CERTIFICATION PLAT		
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176		
4.17.91 DATE		DESIGNED BY: LJJG
		DRAWN BY: JAB/LJJG
		PROJECT NO: 72300
		DATE: APRIL 7, 1991
		SCALE: 1" = 40'

C1 5160 SEQUENCE NO. (DENV USE ONLY)
 1 2 3 4 5 6
 (THIS NUMBER IS 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 46737

ST/CO USE ONLY
 DATE Received
 DATE WELL COMPLETED
 05/3/93

Depth of Well
 22 225 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 HO-92-0033

OWNER KANE last name first name
 STREET OR RFD Guilford Rd TOWN Clarksville
 SUBDIVISION GAITHER PROPERTY SECTION LOT Parcel 325

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	
SAND Stone	0	35	
Gray mica rock	35	225	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 8 NO. OF POUNDS 150
 GALLONS OF WATER 25
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 3 ft.

CASING RECORD
 casing types insert appropriate code below
 ST CO STEEL CONCRETE
 PL OT PLASTIC OTHER
 MAIN CASING TYPE SF
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 30

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

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

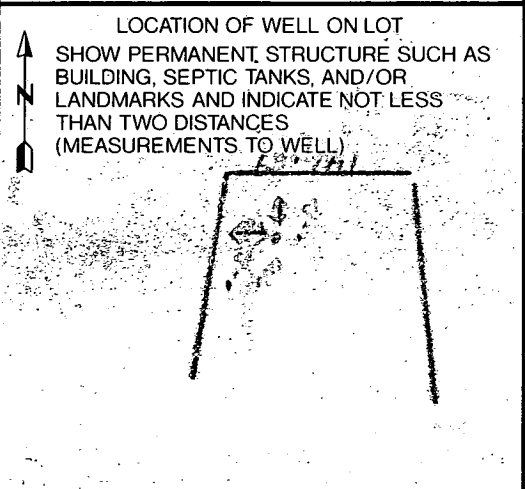
DEPTH (nearest ft.)
 1 HO 38 21
 2 23 24 26 30 32 36
 3 38 39 41 45 47 51
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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

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

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 3
 METHOD USED TO MEASURE PUMPING RATE bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 5
 WHEN PUMPING 10
 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
 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)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE (nearest foot)
 - below }



CIRCLE APPROPRIATE LETTER
 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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE 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.

DRILLERS IDENT. NO. 138
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

B 1	9470	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 140-94-1533 <small>fill in this form completely</small>
-----	-------------	--------------------------------	--	--

OWNER INFORMATION

Date Received (APA) _____

8 MM DD YY 13
Niecherleia Richard
 15 Last Name Owner First Name 34
8227 Church Lane
 36 Street or RFD 55
Ellicott City Md. 21043
 57 Town 70 State 72 Zip 76

LOCATION OF WELL

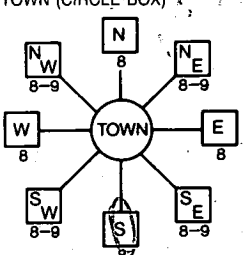
B 3 Howard
 8 COUNTY By HIS GRACE FARM
Roxbury Mill Rd. / CATTAIL CREEK
 23 SUBDIVISION 42
 SECTION 44 46 LOT 1 50
Calenwood
 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 2 M I I
 73 76 77 78


DRILLER INFORMATION

Joseph L. Mayno MSD 24
 Driller's Name 76 License No. 81
Joseph R. Mayno Well Drilling
 First Name
5512 Ridge Rd. Mt. Airy, Md. 21771
 Address
Joseph L. Mayno 4/21/98
 Signature Date

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)


Cattail Creek Dr.
 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)


34 1.470 37
 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 21 BLK: 9 PARCEL 219

B 2 **WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) 5
 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A46739
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE INSERT S → 41
 DATE ISSUED 4 27 98 4 27 98
 43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID 523 000 EAST GRID 788 000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
 NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
 1. Well
 2. GROUT 9:30
 3. no use

WRITE THE BOX NUMBER FROM THE MAP HERE

E 788
 N 523

000
000

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVERSE-ROTARY Drive-POINT
 other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

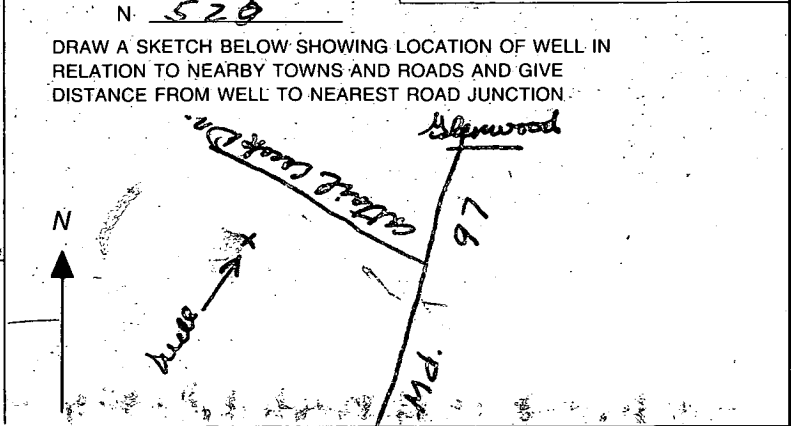
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 85 G A P 140-94-1533
 54 63
 FORCE: 85 INITIALS IN BOX PERMIT NO. 140-94-1533
 67 68 70 71 72 73 74 75 76 77 78 79

