

9/9/83  
afternoon

approved

9-9-83

C. Willson

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 33122

A 32731

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 5th

DATE 9/08/83

## INDEX

Olen Ketterman IS PERMITTED TO INSTALL  ALTER

ADDRESS 14960 Frederick Road, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Glenelg Manor II ROAD 12661 Folly Quarter LOT 22C

2C 21043

PROPERTY OWNER Albert E. Haspert

ADDRESS ~~312 Crahan Road~~  
~~Baltimore, Maryland 21228~~

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

Shallow Trenches - 147 sq. ft. one sidewall area per bedroom. Ditch to be 2 ft. wide, 6 ft. deep, with inlet at 2 ft. below original grade and filled with 4 ft. of stone. Length of the ditch deepens on the number of sq. ft. needed. Start the ditch at perc hole #3 and run it along level ground toward perc hole #4. Perc hole #3 is located 125 ft. from the front lot line and 115 ft. from the right lot line as seen when facing the lot from the right-of-way. Perc hole #4 is located 125 ft. from the front lot line and 112 ft. from the right lot line as seen when facing the lot from the right-of-way. (Heritage Hill Lane)

PLANS APPROVED BY Raymond Hodges DATE 3/04/82

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

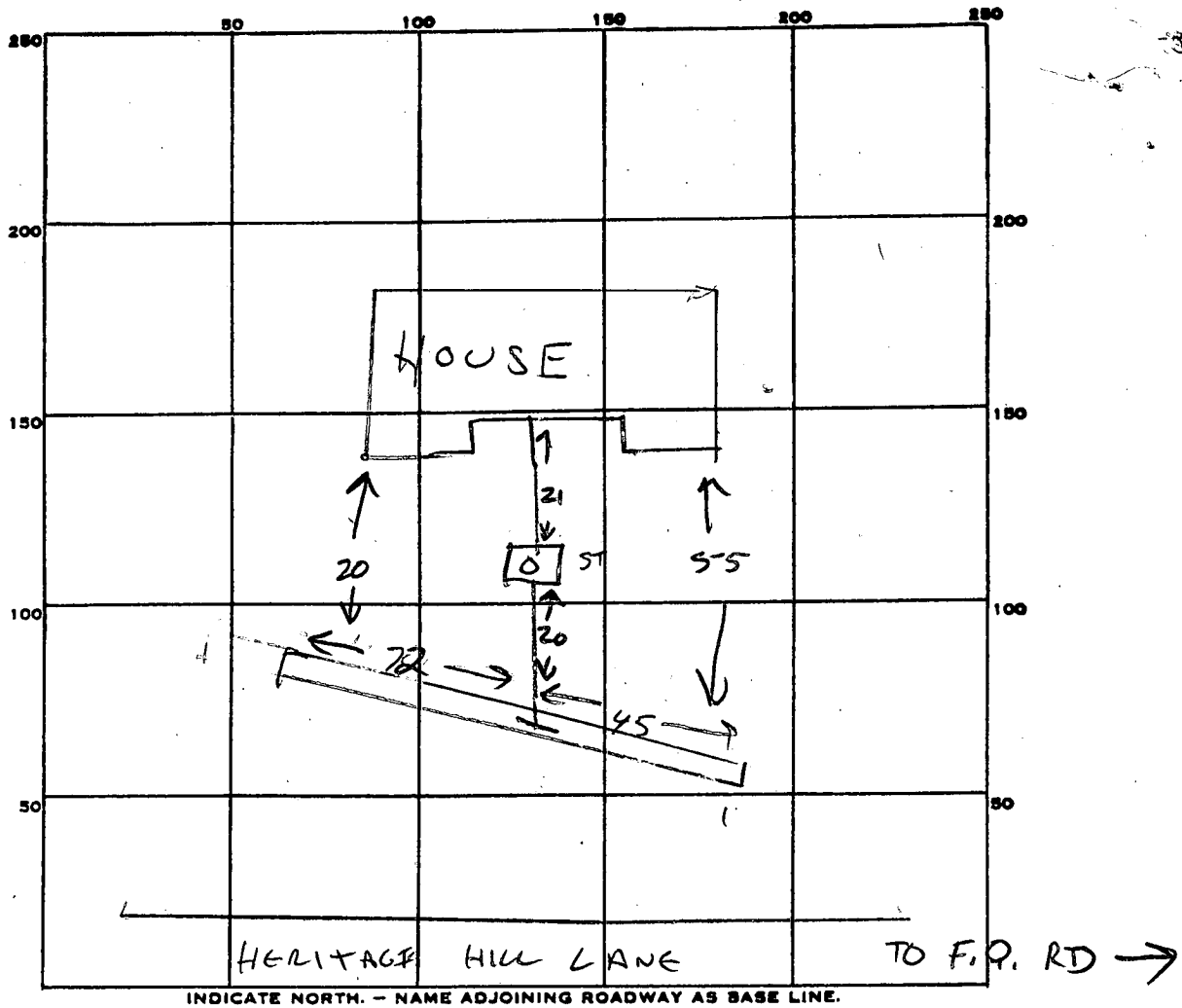
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 32731



2  
 141  
 4  
 588 5  
 115 | 588  
 575  
 585

PERMIT CARD ✓  
 SEPTIC TANK, LEVEL ✓ CLEANOUTS ST ✓  
 DISTRIBUTION BOX, LEVEL N/A  
 TILE FIELD, DEPTH 7 FT. TRENCH WIDTH 2 FT.  
 GRAVEL DEPTH 5 FT IN. TOTAL LENGTH 117 FT.  
 NUMBER OF TRENCHES 1 ONE SIDEWALL TOTAL BOTTOM AREA 585  
 SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.  
 ABSORBENT AREA 970 SQ. FT.  
 REMARKS DK TO ADD GRAVEL. 9-9-83 CLW

DATE SYSTEM APPROVED 9-9-83 INSPECTOR Clw/Clw

RETEST

# APPLICATION

SEWAGE DISPOSAL TESTING

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: 992-2330

A 32731

P \_\_\_\_\_

DISTRICT 5th

DATE 5/5/83

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 Albert E. Haspert

ADDRESS 312 Gralan Road, Baltimore, Md. 21228 PHONE 747-9003

PROPERTY LOCATION:

SUBDIVISION Glenelg Manor II LOT NO. 22C

ROAD AND DESCRIPTION 12661 Folly Quarter Road

SIZE OF LOT 1.061 acres TYPE BLDG. 3 or 4 bedrooms  
(NUMBER OF 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. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. /s/ Bill Hunt for Albert E. Haspert  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

\_\_\_\_\_  
\_\_\_\_\_

# THIS IS NOT A PERMIT



PRELIMINARY

22C

# APPLICATION

A. 25795

P. \_\_\_\_\_

SEWAGE DISPOSAL TESTING

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

DISTRICT 5th

DATE 5/6/77

*Spec on separate sheet*

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 Glenelg Manor Farm - Dale Maisel *Albert E. Harpert*

ADDRESS 12789 Folly Quarter Road, Ellicott City, Md. *312 Gralan Road* PHONE *747-9003*  
*2/228*

PROPERTY LOCATION:

SUBDIVISION Glenelg Manor LOT NO. 22C, Sec. 2

ROAD AND DESCRIPTION *12661* Folly Quarter Road

SIZE OF LOT (?) TYPE BLDG. *4BR with garbage disposal* ~~3~~ 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/ John Rettaliata

APPROVED BY *Raymond Hodges* FOR *Deep Ditch* DATE *3/4/82*  
(KIND OF SYSTEM)

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

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

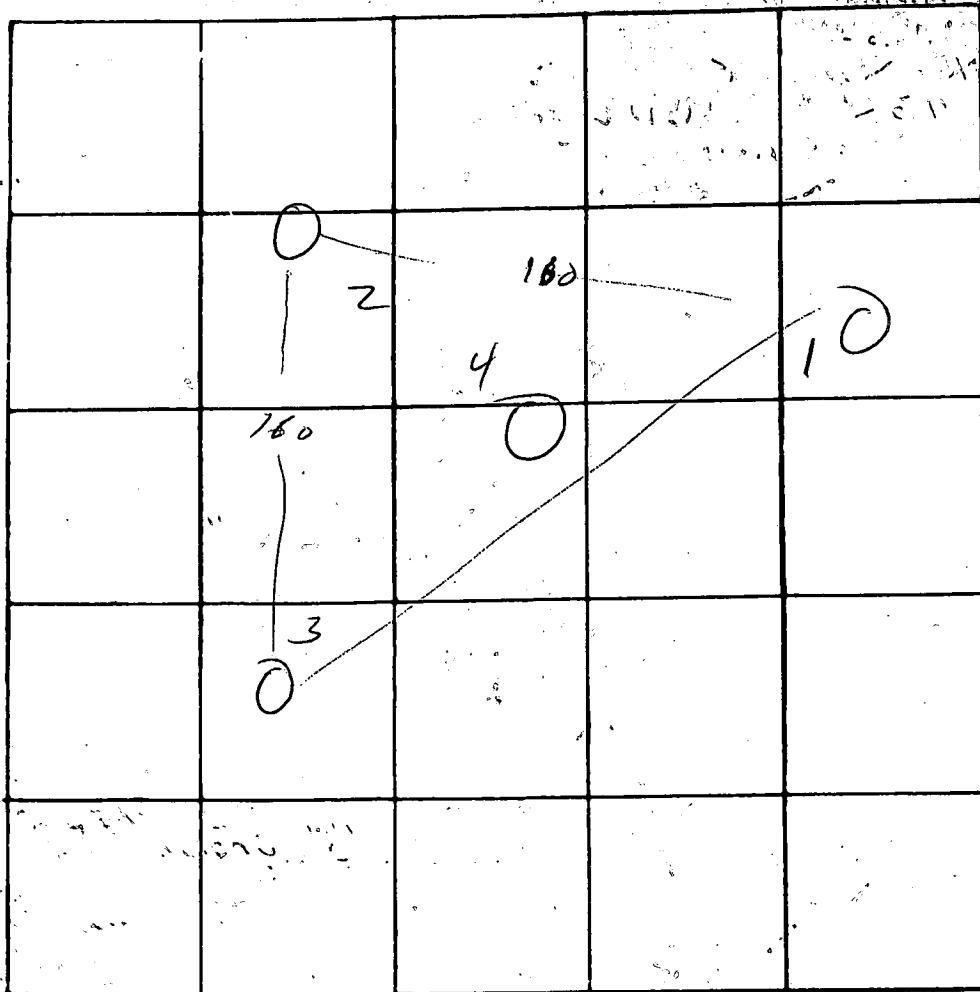
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED *7/27/83*  
*Serial H-53205*

*OPEN*

# THIS IS NOT A PERMIT

22C



22C

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

④  
 0 some clay,  
 mostly sand  
 3-5  
 1 sand  
 12

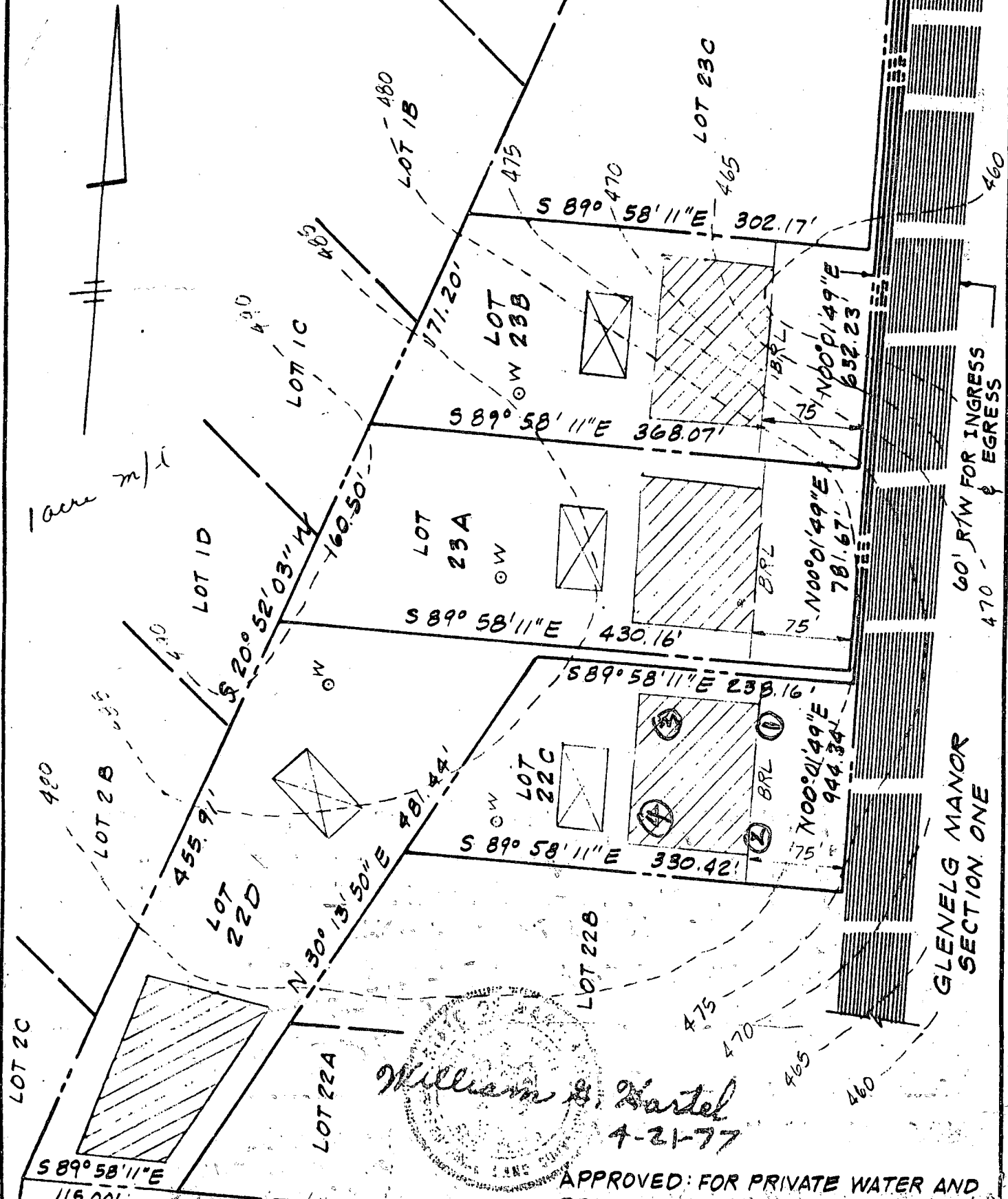
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/24/77	1	3	1 <sup>15</sup>	1 <sup>28</sup>	1 <sup>28</sup>	1 <sup>40</sup>	22
	1A	12½	1 <sup>18</sup>	1 <sup>23</sup>	1 <sup>23</sup>	1 <sup>32</sup>	9
	2	2	1 <sup>23</sup>	1 <sup>27</sup>	1 <sup>27</sup>	1 <sup>36</sup>	9
	2A	9	1 <sup>23</sup>	1 <sup>28</sup>	1 <sup>28</sup>	1 <sup>40</sup>	12
	3	3	2 <sup>00</sup>	2 <sup>10</sup>	2 <sup>10</sup>	2 <sup>31</sup>	21
	3A	12½	2 <sup>06</sup>	2 <sup>12</sup>	2 <sup>12</sup>	2 <sup>23</sup>	11
	4	12	vis	dry - sandy			
	2B	12	water		@12		

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY M ALSO PRESENT: Fyock

THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.



NOTE: PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER DATE

TITLE <b>PERCOLATION TEST PLAT</b>				ENGINEERING PLANNING SURVEYING	
PROJECT <b>LOTS 22C, 22D, 23A &amp; 23B GLENELG MANOR - SECTION TWO</b>				BY <b>BOENDER ASSOCIA INC.</b>	
LOCATION <b>5TH ELECTION DISTRICT HOWARD CO., MD.</b>				ELLICOTT CITY, MD SALISBURY, MD 2 301-465-7777	
DATE <b>4/21/77</b>	DES. BY <b>WN</b>	DRAWN BY <b>WN</b>	CHKD BY <b>DR</b>		
SCALE <b>1" = 100'</b>	JOB NO. <b>7778</b>	DRWG. NO. <b>1 OF 1</b>			

# APPLICATION

220

A 25795

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

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

DISTRICT 5TH

DATE 5/6/77

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 GLENELG MANOR FARM

ADDRESS 12789 FOLEY QUARTER RD PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION GLENELG MANOR LOT NO. Lot 22 C

ROAD AND DESCRIPTION \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_

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 \_\_\_\_\_

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

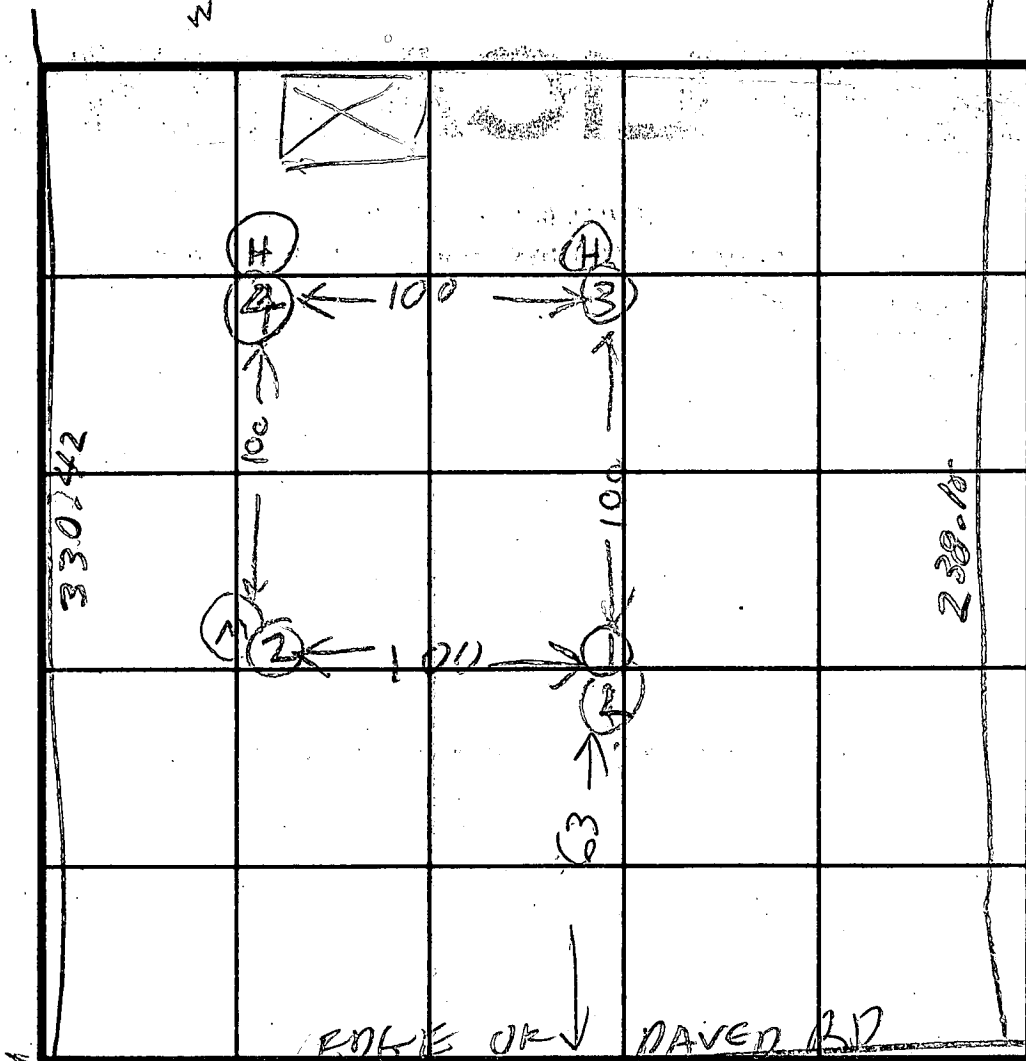
HOLD PENDING FURTHER TESTS 1 DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING Feb 82 FS said perc OK although underground

water was found on the lot in 1977

# THIS IS NOT A PERMIT

SOIL PROFILE



22 C  
sect  
Hole Elev  
Ⓜ = HIGH  
Ⓛ = LOW  
Ⓜ = MEDIUM  
see  
ATTACHED  
PLAT

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

*B/W* TO FULLY PAVED RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/17/82	1S	5	953	958	938	1005	7
	1V	14	all Sand				
	2S	3 1/2	956	957	957	1002	5
	2V	7	all Sand				
	3S	3 1/2	1000	1001	1001	1002	1
	3V	7	all Sand				3
	4S	4 1/2	1002	1005	1005	1008	3
	4V	14	all Sand				

3/1/82  
Write  
specs for  
shallow  
system  
S.S.

REMARKS

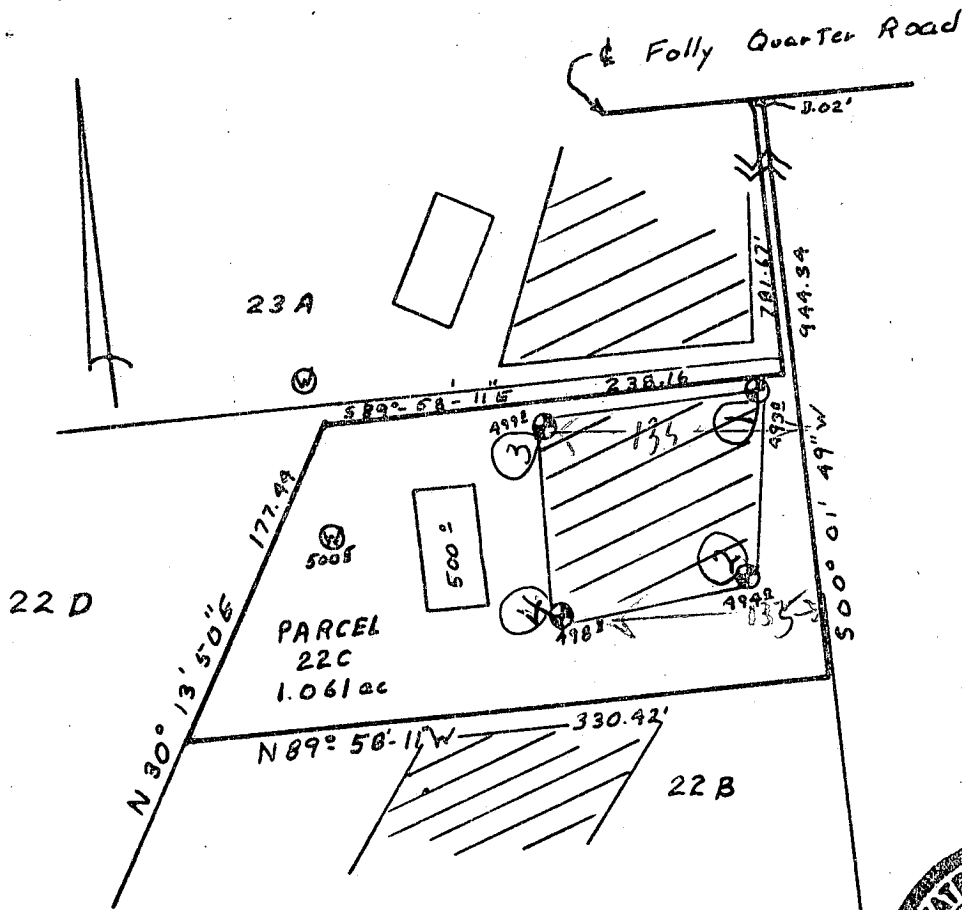
TYPE OF SOIL

TESTED BY

*B. H. [Signature]*

ALSO PRESENT

*C. H. [Signature]*  
*[Signature]*  
*[Signature]*



This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "⊙".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

*James E. Huggins*  
County Health Officer

3-2-82  
Date

PERCOLATION TEST PLAT

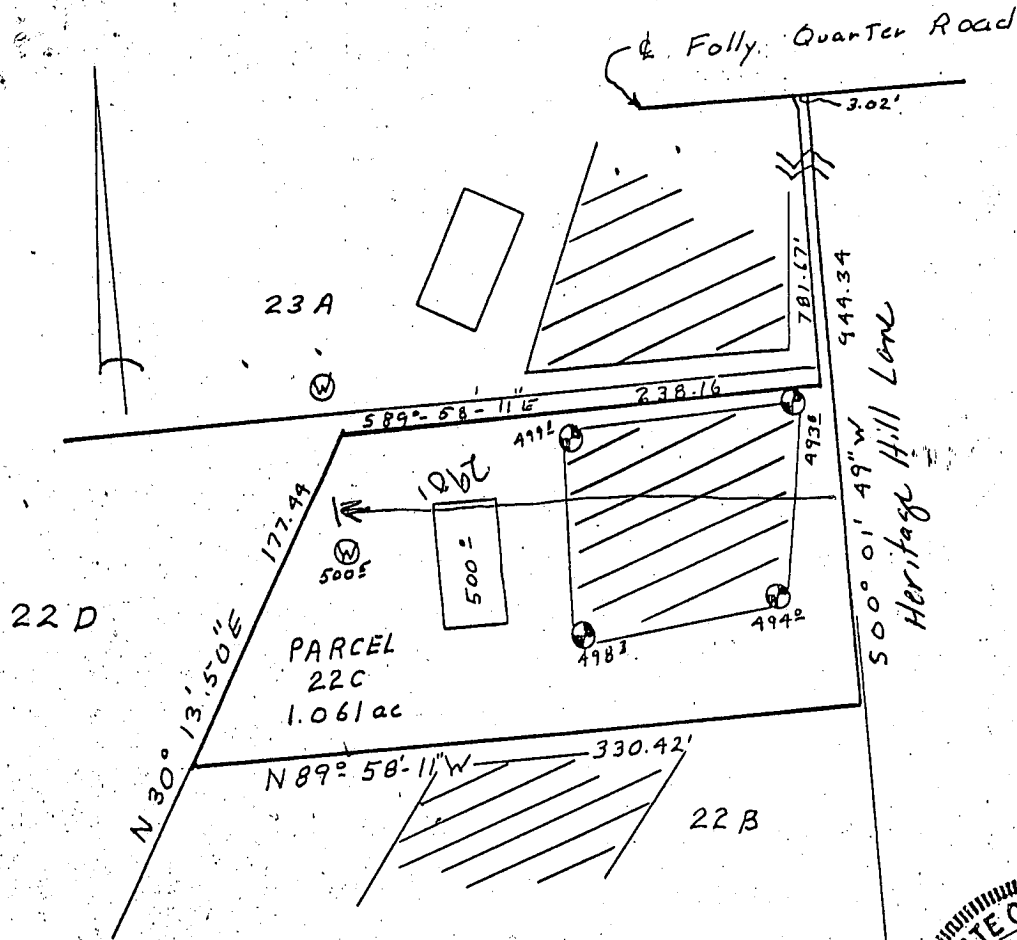
PARCEL 22C

GLENELG MANOR

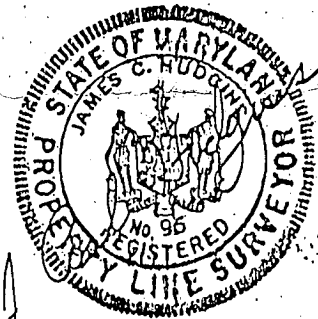
SECTION II

5th Election District  
Howard County, Maryland  
Scale 1"=100'  
Date 2/22/82

NTT Associates  
Suite 307, Clark Bldg.  
Columbia, MD 21044  
321-0307



9/17/82  
 well site OK  
 M.S.



This area designates a private sewage easement of 10,000 square feet as required by the Maryland Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for discharges into the private sewage easement. Recordation of a modified sewage easement shall not be necessary. Perculation test holes shown hereon have been field checked and shown as "⊙".

Notes shown hereon comply with the minimum owner-width and lot areas as required by the Maryland Department of Health and Mental Hygiene.

Perculation areas and water wells for adjoining lots have been shown where pertinent.

PERCOLATION TEST PLAT

PARCEL 22C

GLENELG MANOR  
 SECTION II

5th Election District  
 Howard County, Maryland  
 Scale 1" = 100'  
 Date 2/22/82

APPROVED: For Private Water and Private Sewage Systems

NTT Associates  
 Suite 307, Clark Bldg.  
 Columbia, MD 21044  
 321-0307

*[Handwritten signature]* 3-2-82

9/27/82

EMERGENCY/TEMP. NO. IF ANY

9274 SEQUENCE NO. (OEP USE ONLY) *Chr Pump test* STATE OF MARYLAND  
 7:00 A.M. PERMIT TO DRILL WELL  
 grant to follow 1:30 P.M.  
 please print or type

OEP PERMIT NUMBER  
 140 73 4273  
 fill in this form completely

Date Received 9/27/82 1:30 P.M.  
 (OEP Use Only)

OWNER INFORMATION  
 MAISEL DALE  
 Last Name 15 Owner 34 Name  
 12789 FOLLY QUARTERS  
 36 Street or RFD 55  
 ELLICOTT CITY MD 21043  
 Town 57 State 76 Zip

LOCATION OF WELL  
 COUNTY 8 Howard 21  
 SUBDIVISION 23 GLEWIG MANOR 42  
 SECTION 44 C II 46 LOT 48 22 50  
 NEAREST TOWN 52 GLEWIG 71  
 MILES FROM TOWN (enter 0 if in town) 73 2 MI 76 77 78

B 1 Continued DRILLER INFORMATION  
 RALPH MAYNE 273  
 Driller's Name 77 License No. 80  
 Firm Name 3 Box 9120 Rt. Aicy Md.  
 Address Ralph Mayne 9/13/82  
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
 TOWN  
 N W 8-9 N E 9-9  
 W 8 S E 8-9  
 S W 8-9 S 8

NEAR WHAT ROAD 30 HERITAGE HILL LN  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH N  
 WEST W 32 EAST E  
 SOUTH S  
 500 (F T)  
 DISTANCE FROM ROAD 37 500 MI 38 39

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) 5  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 12 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

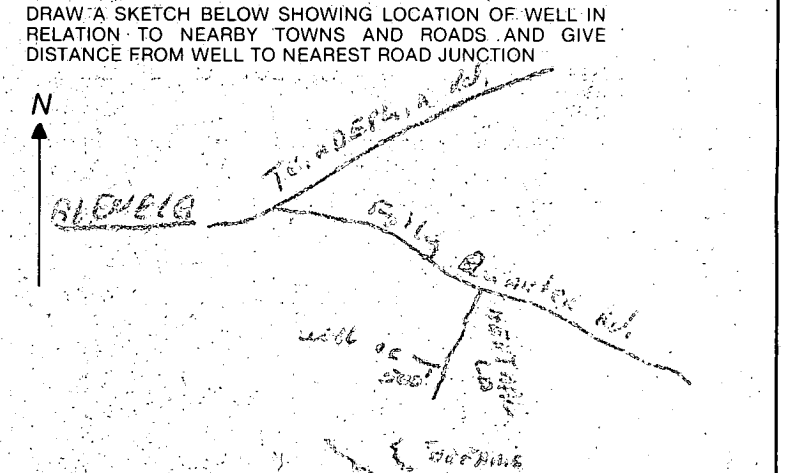
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. 2. 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
 E 810 3  
 N 510 7  
 000 000  
 9/27/82 JS

APPROXIMATE DEPTH OF WELL 150 FEET 24 28  
 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)  
 BORED (OR AUGERED) JETTED JETTED & DRIVEN  
 30-37 AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY)  
 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  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER 54 GAP 63  
 FORCE FS WRITE INITIALS IN BOX PERMIT No. 140-73-4273  
 64 68 70 71 72 73 74 75 76 77 78 79



B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
 COUNTY NAME Howard COUNTY NO. A25795  
 OEP SIGNATURE DATE ISSUED 09/17/82  
 STATE HEALTH CIRCLE BOX 41  
 CO SIGNATURE  
 NORTH GRID 50 E 17 000 EAST GRID 57 C 13 000 EXPIRES 03/1/83 63

B 5 SPECIAL CONDITIONS 8-63  
 1 2 3 6

DRILLER



C1 3267

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A 25795

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

Date Received (OEP use only)

DATE WELL COMPLETED

092284

Depth of Well

285

(TO NEAREST FOOT)

PERMIT NO.

FROM PERMIT TO DRILL WELL

HO-73-4273

OWNER Maisel last name

Date first name

STREET OR RFD Heritage Hill Lane

TOWN Glenelg

SUBDIVISION Glenelg Manor

SECTION 2

LOT 220

WELL LOG Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 9 NO. OF POUNDS 500

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 37 ft.

CASING RECORD

STEEL (ST) CONCRETE (CO) PLASTIC (PL) OTHER (OT)

MAIN CASING TYPE Nominal diameter top(main)casing (nearest inch) Total depth of main casing (nearest foot)

ST 6 42

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

Table with 2 columns: diameter inch, depth (feet) from to

SCREEN RECORD

screen type or openhole insert appropriate code below

STEEL (ST) BRASS BRONZE (BR) OPEN HOLE (HO) PLASTIC (PL) OTHER (OT)

DEPTH (nearest ft.)

Table with 2 columns: diameter (nearest inch), depth (nearest ft.)

SLOT SIZE

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (Seq no)

PUMPING TEST HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 25

WHEN PUMPING 285

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 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

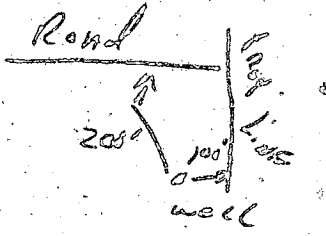
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE 2 (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)



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

Table with 3 columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing

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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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. 273 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

11/10/82 on file

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-42-73  
 Location of property (road) HERITAGE HILL LA.  
 Subdivision GENELO MANOR Lot 22-C Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. 2  
 Well Driller RALPH MAYNE Owner DALE MAISEL

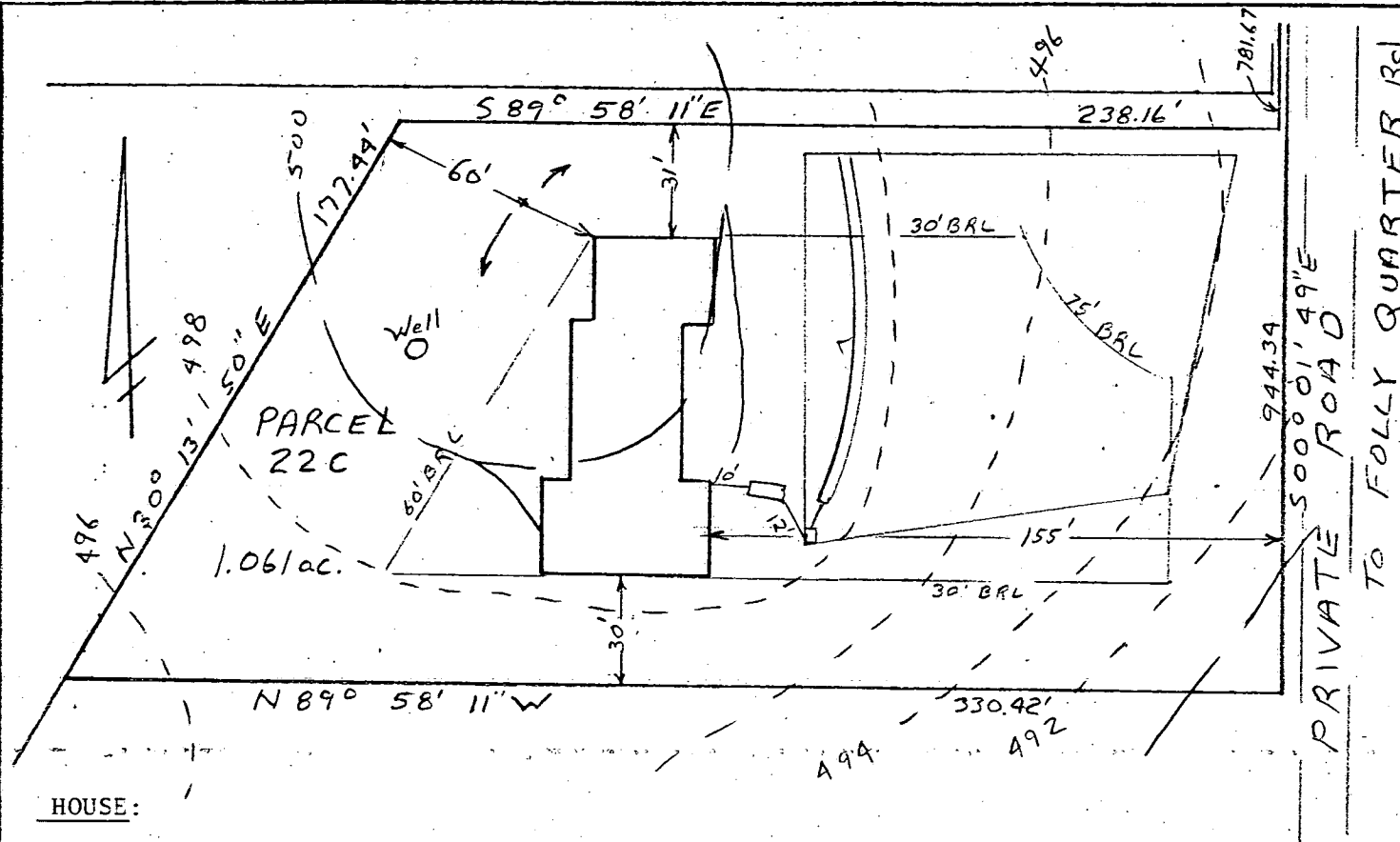
Depth of well 285 FT  
 Distance of measuring point (M.P.) above ground 2 1/2 FT  
 Static water level (S.W.L.) below M.P. 15 FT

I. High rate pumping -- reservoir drawdown

Time pump started 7:15 Pumping rate 9 G.P.M.  
 Total time 30 min to reach pumping water level 100 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	100 FT	30 sec		2 G.P.M.
8:00	100 "	30 sec		2 "
8:15	100 "	30 sec		2 "
8:30	100 "	30 sec		2 "
8:45	100 "	30 sec		2 "
9:00	100 "	30 sec		2 "
9:15	100 "	30 sec		2 "
9:30	100 "	30 sec		2 "
9:45	100 "	30 sec		2 "
10:00	100 "	30 sec		2 "
10:15	100 FT	30 sec		2 "
10:30	100 FT	30 sec		2 G.P.M.
10:45	100 FT	30 sec		2 "
11:00	100 FT	30 sec		2 "
11:15	100 FT	30 sec		2 "
11:30	100 FT	30 sec		2 "
11:45	100 FT	30 sec		2 "
12:00	100 FT	30 sec		2 "
12:15	100 FT	30 sec		2 "
12:30	100 FT	30 sec		2 "
12:45	100 FT	30 sec		2 "
1:00	100 FT	30 sec		2 "
1:15	100 FT	30 sec		2 "
1:30	100 FT	30 sec		2 "
1:45	100 FT	30 sec		2 "



4/27/83  
 4 B.R. Egarbagegrinder  
 per Wm. Hunt  
 Sketch OK  
 AS

HOUSE:

FIRST FLOOR	502.0
BASEMENT	493.0
INVERT	486.87

SEPTIC TANK:

EXISTING GRADE	493.9
PROPOSED GRADE	498.9
INVERT IN	496.67
INVERT OUT	496.42

DISTRIBUTION BOX:

EXISTING GRADE	498.3
PROPOSED GRADE	498.3
INVERT	496.3

TRENCH:    LENGT    WIDTH    STONE    INVERT    BOTTOM

I certify the above measurements  
 and elevations are true and actual  
 for this property.

*J. Carl Hudgins*  
 J. Carl Hudgins

PLOT PLAN  
 PARCEL 22 C  
 GLENELG MANOR II  
 TAX MAP 22 PARCEL 464  
 5th ELECTION DISTRICT  
 HOWARD COUNTY MARYLAND  
 SCALE 1"=50' DATE 4/25/83