

3-14-86
-10:00

3-14-86
Approved
S. Abel

PERMIT

P 36641
A 26694

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
~~461-9933~~
461-9933

05-374316

ELLICOTT CITY
DISTRICT 5th
DATE 3/11/86

INDEXED

Dave Hopkins IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 89-4711

SUBDIVISION Glenelg Manor II ROAD 12733 Folly Quarter LOT 7C

PROPERTY OWNER Fred Weaver

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 158 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION: Place the distribution box 140 feet perpendicular from the back 180.03 ft. lot line and 70 feet from the right 332.31 ft. lot line as seen when facing the lot from right-of-way. Run trenches on level ground toward the left 448.62 ft. lot line. \$332 lot line

NOTE: - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

3-53 ft. trenches
on 2-82

PLANS APPROVED BY S. Abel DATE 10/17/85

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.

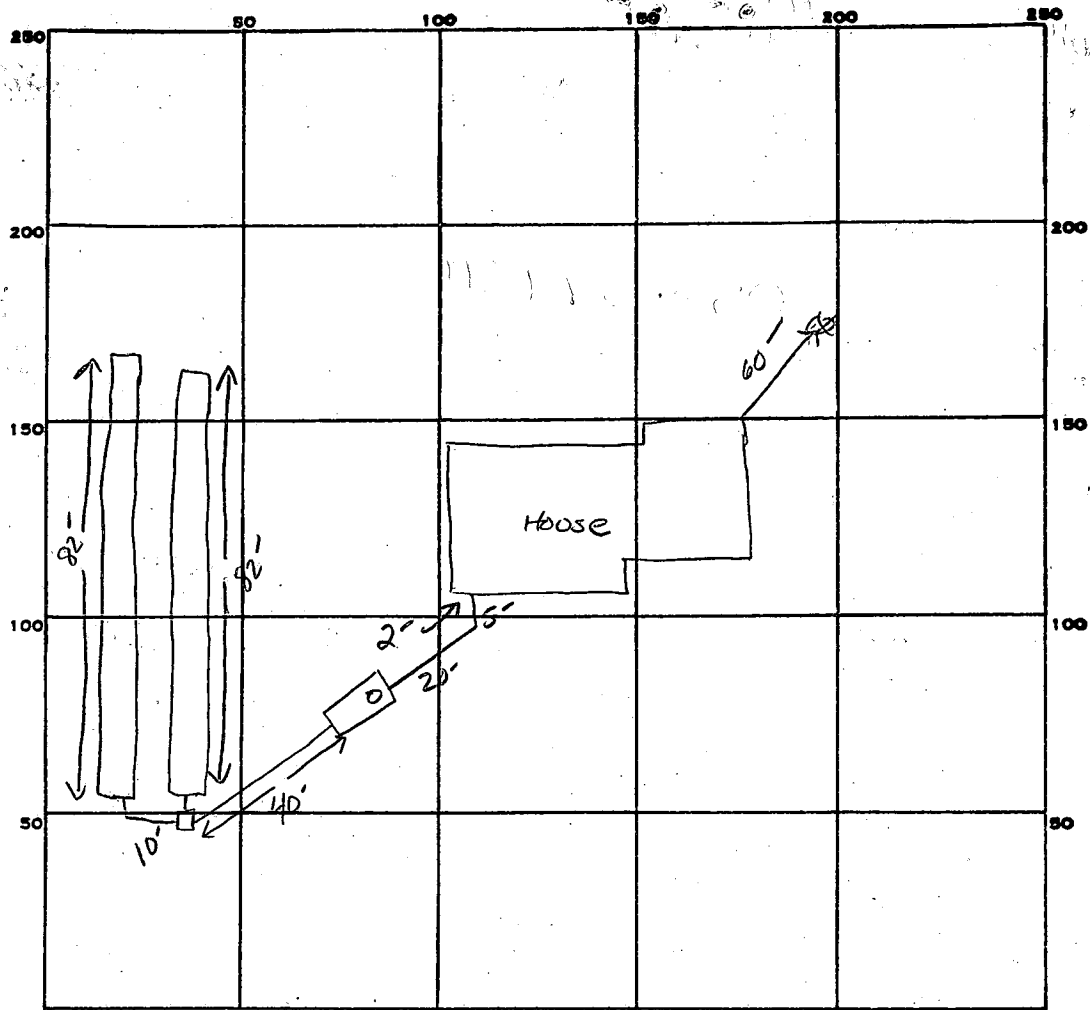
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 993-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A
26694



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL 1250 GAL

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 4.5 FT. TRENCH WIDTH 3 FT. INLET 3

GRAVEL DEPTH 18 IN. TOTAL LENGTH 164 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 492 ~~sq~~

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 492 SQ. FT.

REMARKS 3-14-86 OK TO COVER ALL WORK

DATE SYSTEM APPROVED 3-14-86 INSPECTOR S. Abel

SUBDIVISION: Glenely MANOR

LOT NUMBER: 7C

Sec. 2

DRY WELL OR DRY WELL AND TRENCH

SYSTEM FIRST

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

158 sq. ft./bedroom

Trench to be 3 wide.

3BR

Inlet 3 feet below original grade.

NO DISPOSAL

Bottom maximum depth 4.5 feet below original grade.

Effective area begins at 4.5 feet below original grade.

1.5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 90 FT FROM THE BACK
180.03 FE LOT LINE AND 25 FE FROM THE RIGHT 332.31
FE LOT LINE AS SEEN WHEN FACING THE LOT FROM RIGHT
OF WAY. RUN TRENCHES ON LEVEL GROUND TOWARD THE LEFT
448.62 FE LOT LINE. S. AREA

APPLICATION

A 26694

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

DISTRICT 5th

DATE 8/17/77

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 Howard Associates

ADDRESS _____ PHONE Rhett Realty 465-4920

PROPERTY LOCATION:

SUBDIVISION Glenelg Manor - Section 2 LOT NO. 7C - Sec. 2

ROAD AND DESCRIPTION Off Folly Quarter Rd.

SIZE OF LOT 40,000 square feet ± TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE N/A

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

SIGNATURE OF APPLICANT /s/ Dale Maisel

APPROVED BY Raymond Dodge FOR Drain Fields DATE 5/5/83
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

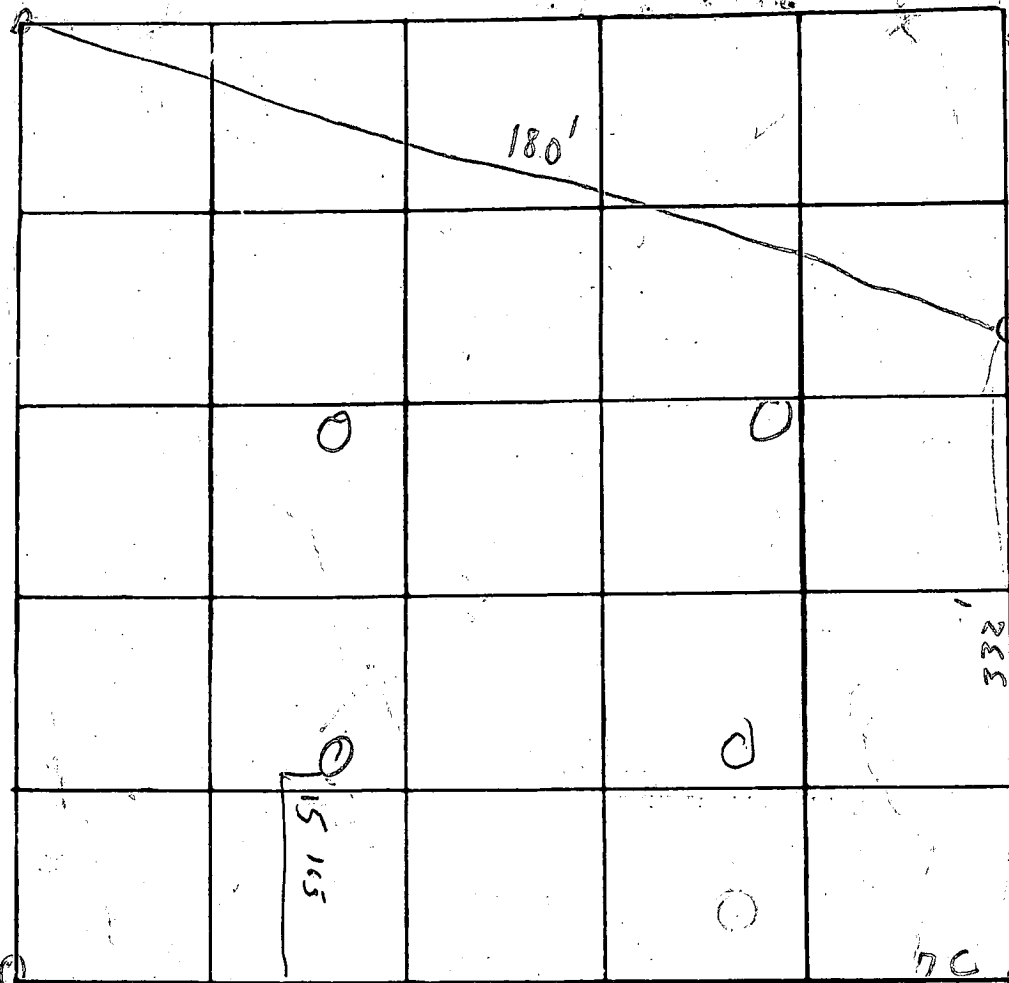
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2/7/83 - HOLD FOR REVIEW (WATER) PH
4/1/83 Per OK for drainfield only J.S. B.P. #67289

BLDG. PERMIT SIGNED
AND RETURNED 10-17-85

THIS IS NOT A PERMIT

7C



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Road

See attached
Lane
sheet

R/H

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/2/72	1						
	2						
	3						
	4						
	5						
	6						
	7	1/2 road					

REMARKS

lots attached open field

TYPE OF SOIL

TESTED BY

C. B. C.

ALSO PRESENT:

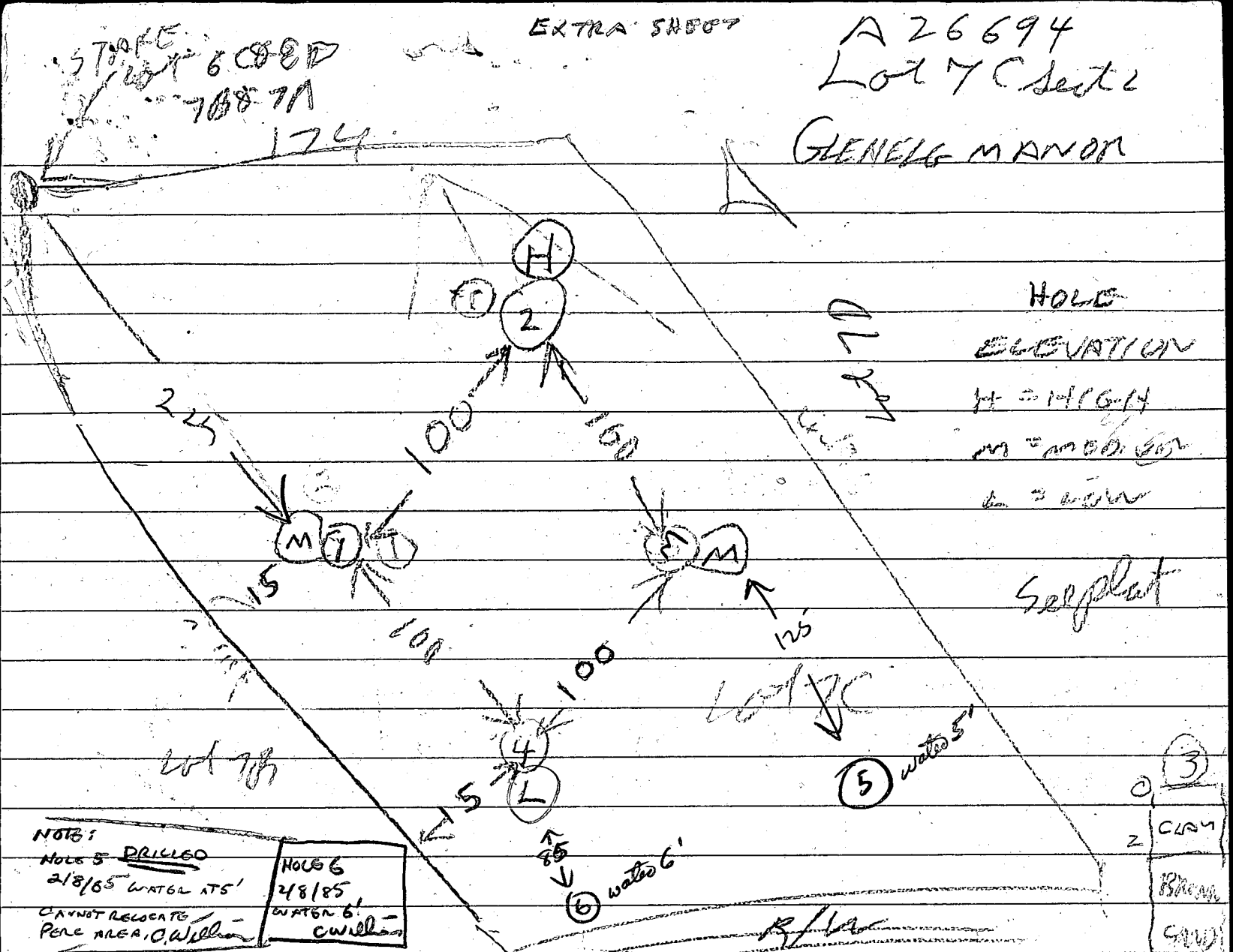
F. G. G. man

2/17/72

Soil Profile
Below No. tests
day
loom

A 26694
Lot 7 C Sect 2

GENEVA MANOR



HOLE
ELEVATION
H = 1416.14
M = 1400.00
L = 1390.00

Serpent

NOTE:
Hole 5 DRILLED
2/8/85 WATER 175'
CANNOT RELOCATE
PERM AREA, O. Williams

Hole 6 2/8/85 WATER 6' C. Williams

0	3
2	CLAY
	Brown
	CLAY

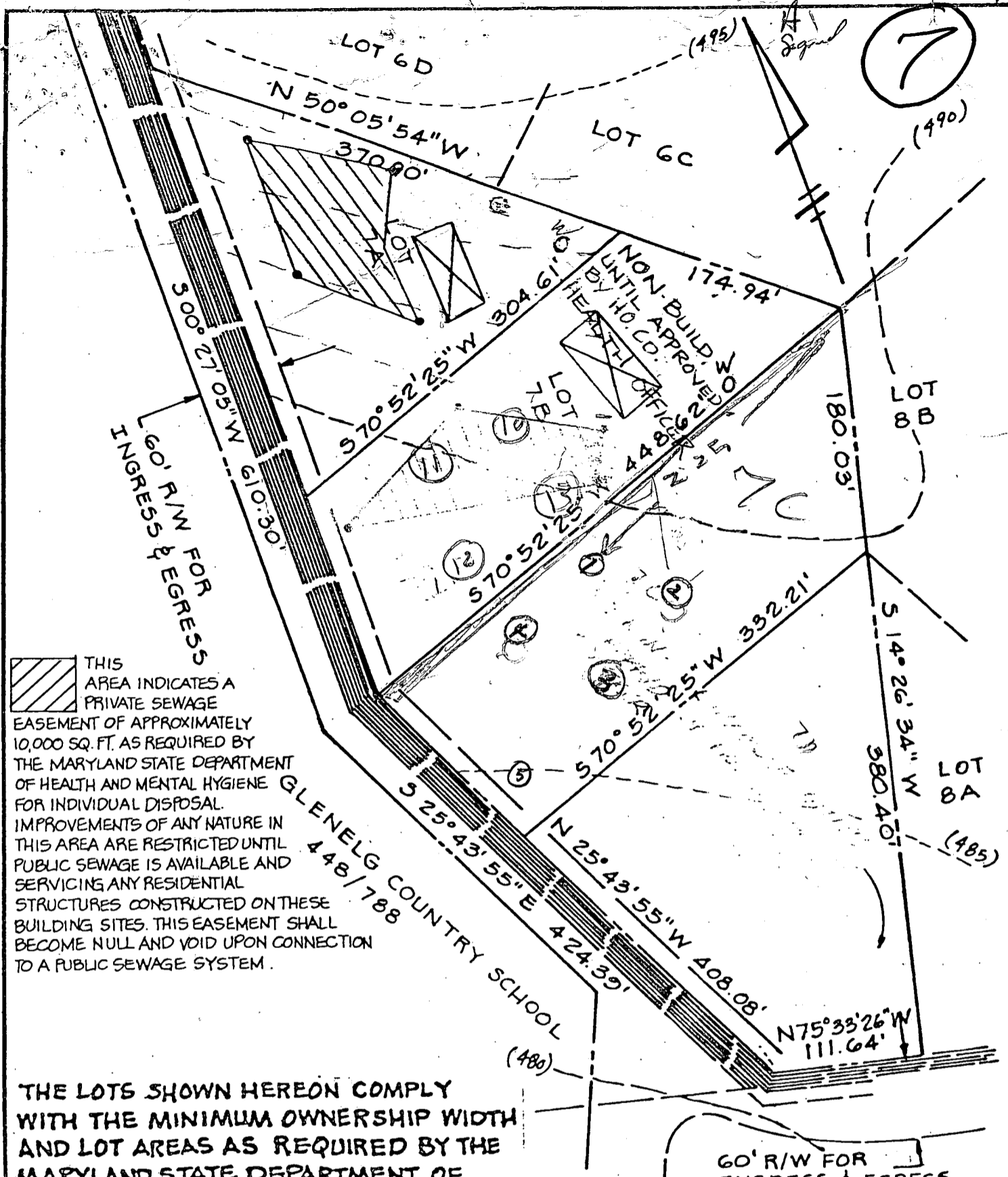
2/7/83	15	240	243	243	246	3
2/7/83	15	LOOKS OK ALL BROWN & GRAY SAND				
2/8/83	4	243	244	244	247	3
2/8/83	4	LOOKS OK ALL BROWN & GRAY SAND				
3/5	4	254	256	256	258	2
3/1	13 1/2	WATER 13 FT				
4/5	4	301	304	304	308	4
2/7/83	4 1/2	LOOKS OK ALL BROWN SAND				

13 - WATER
13 1/2

0	4
2	CLAY
	Brown
	SAND

14 1/2

Tested By R. Hodges
Also Present O. Williams & C. Hodges



THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

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
Jean Boender 1-15-77
 COUNTY HEALTH OFFICER DATE F.L.

TITLE PERCOLATION TEST PLAT			
PROJECT LOT 7A, 7B, GLENELG MANOR - SECTION TWO			
LOCATION 5TH ELECTION DISTRICT HOWARD COUNTY, MD.			
DATE: 6/24/77	DESIGN BY: W.H.N.	DRAWN BY: W.H.N.	CHECKED BY: D.R.
SCALE: 1" = 100'	JOB NO.: 7778	DRAWING NO.: 1 OF 1	

boender associates

engineers
surveyors
planners

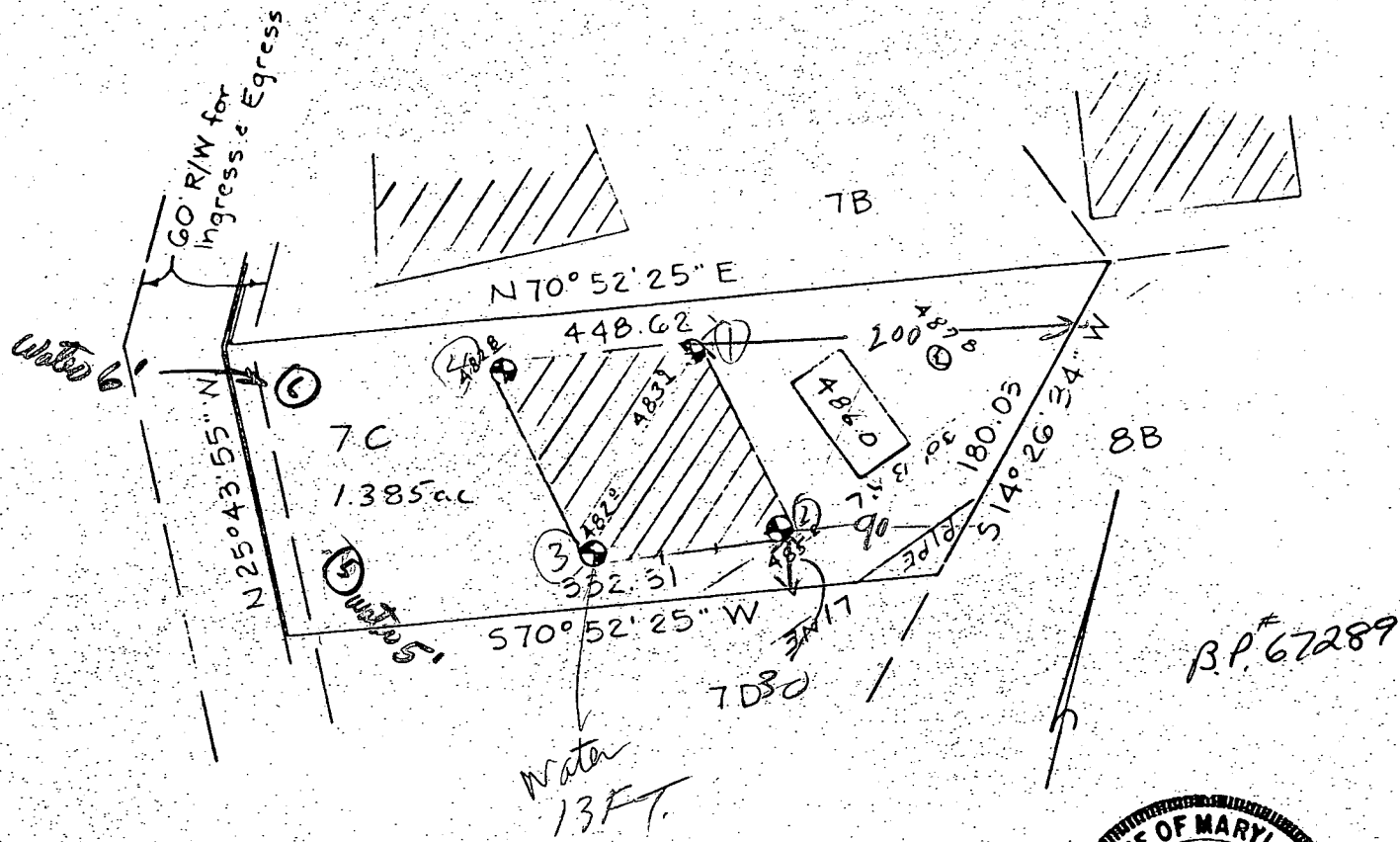
GLENELG MANOR Lot 7C

4/12/83

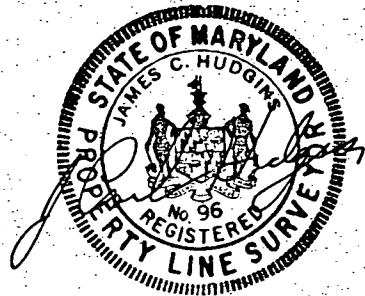
The plat looks OK
However the perc has not
yet been approved. There
was an underground water
hole on this lot in the
perc area & it was necessary
to hold the lot for
review. I do not think
it was held for
review yet.


The underground water
situation is not too bad here
probably lot would be
OK for drain Field
BH

4/14/83 perc OK for drain field only F.S.



B.P. 67289



 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

PERCOLATION TEST PLAT
 PARCEL 7C
 GLENELG MANOR
 Section Two

5th Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 3/28/83

NTI Associates
 101 Sterrett Place
 Columbia, MD 21044
 321-0307

County Health Officer J. S. Date _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

Ed J. Weaver
(Name)

10320 KETTLEDALE CT.
ELLICOTT CITY, MD. 21043
(Address)

(OEP Well Permit Number)

1-9-85
(Date)

GLENLYN MANOR ESTATES SEC II
LOT 7C

C1 9488 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 26694

DATE RECEIVED

DATE WELL COMPLETED 020685

DEPTH OF WELL 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-81-0851

OWNER WEAVER FRED STREET OR RFD FERRY QUARTER 12733 SUBDIVISION GLENELG MANOR SECTION 2 LOT 7C

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Top Soil, Sandy Sand Stone, Micka Sand Stone, Micka.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 15, NO. OF POUNDS 1500.

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter 6, Total depth of main casing 46.

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

SCREEN RECORD: screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT).

DEPTH (nearest ft.) table with columns for depth intervals and screen diameter of screen.

A CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Ralph E. Mayne

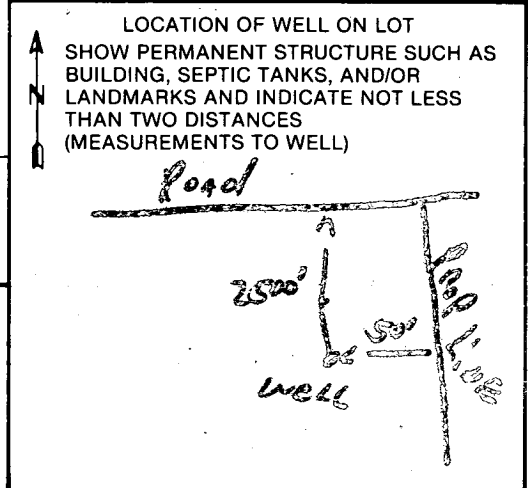
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED 9, PUMPING RATE 4, MEASURE PUMPING RATE Bucket, WATER LEVEL 15, WHEN PUMPING 100, TYPE OF PUMP USED (for test) A air, C centrifugal, J jet, S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED (A, C, J, P, R, S, T, O), CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



B 1 **9511** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
40-81-0851
 fill in this form completely

Date Received **2/6/85 12:00 NOON**
 OWNER INFORMATION
WEAVER FRED
 Last Name Owner First Name
10320 KE+PLEORUM CT
 Street or RFD
ELLICOTT CITY MD 21043
 Town State Zip

DRILLER INFORMATION
Ralph MAYNE
 Driller's Name License No. **273**
Ralph MAYNE (well Drilling)
 Firm Name
9120 Brown Church Rd. Mt Airy
 Address
Ralph Mayne
 Signature Date **1/14/85**

WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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)

APPROXIMATE DEPTH OF WELL **150** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 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)

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER **GAP**
 FORCE **JS** WRITE INITIALS IN BOX PERMIT No. **40-81-0851**

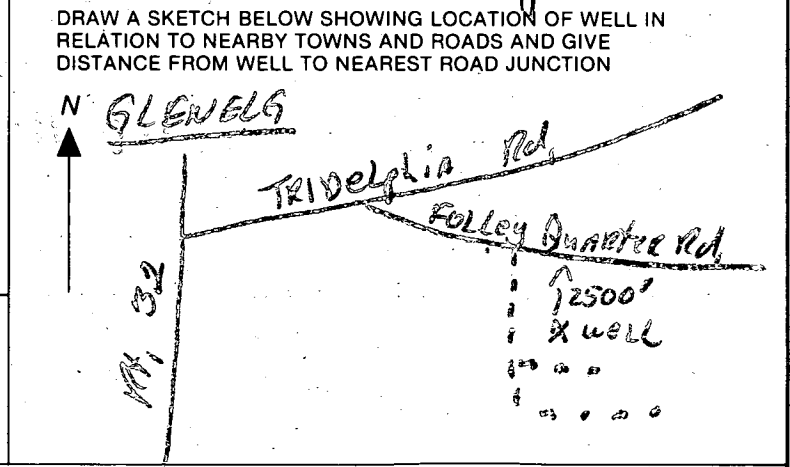
SPECIAL CONDITIONS

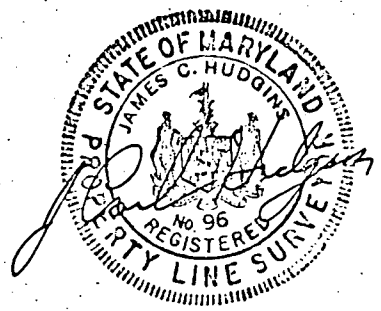
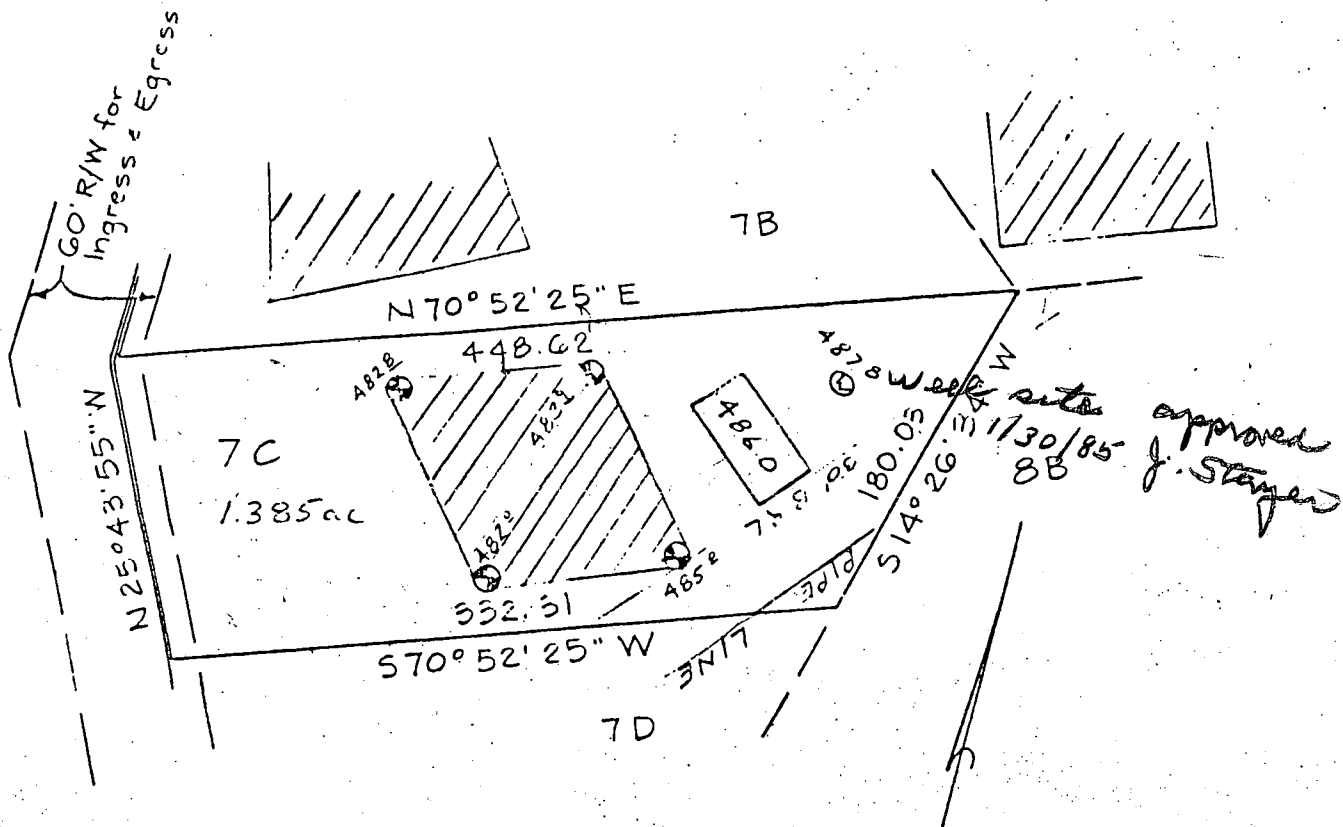
LOCATION OF WELL
HOWARD COUNTY
GLENELG MANOR SUBDIVISION
 SECTION **2** LOT **20**
GLENELG NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1** MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD **Folley Quarter Rd.**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **2500**
 ENTER FT or MI **FT**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A26694 COUNTY NO.
 OEP SIGNATURE _____ STATE HEALTH INSERT S _____
 DATE ISSUED **7/23/85**
 SIGNATURE **L. Stamer** EXP. DATE
 NORTH GRID **516000** EAST GRID **0819000**

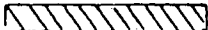
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
810 11
510 6





PERCOLATION TEST PLAT
 PARCEL 7C
 GLENELG MANOR
 Section Two

5th Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 3/28/83

 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.

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APPROVED: For Private Water and Private Sewage Systems

Joseph Byrd
 County Health Officer

4-15-83
 Date

NTT Associates
 101 Sterrett Place
 Columbia, MD 21044
 321-0307

OVER

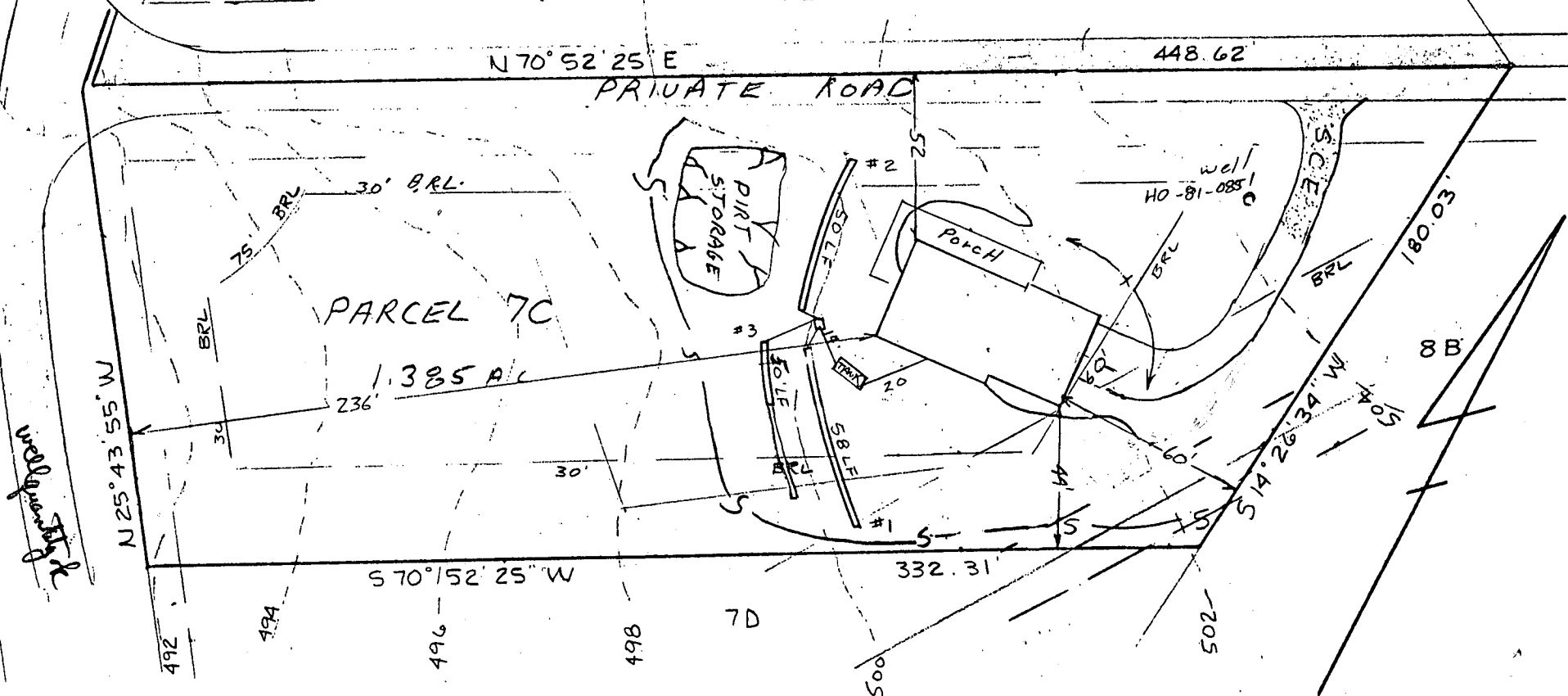
Bill:

FRED J. WEAVER
10320 KETTLEDRUM COURT
ELLICOTT CITY, MD. 21043

HEALTH
ENVIRONMENTAL
DIVISION OF
MAY 17 10 13 AM '80
HEALTH
DIVISION OF
MAY 17 10 13 AM '80

B.P. Appl. # 67289

1" = 50' 7B



HOUSE:

FIRST FLOOR	504.33
BASEMENT	495.0
INVERT	499.32

SEPTIC TANK:

EXISTING GRADE	501.0
PROPOSED GRADE	501.5
INVERT IN	498.9
INVERT OUT	498.65

DISTRIBUTION BOX:

EXISTING GRADE	500.3
INVERT IN	498.5
INVERT OUT	498.4

TRENCH:

	#1	#2	#3
EXISTING GRADE	500.3	500.0	500.0
INVERT	498.3	498.0	498.0
BOTTOM	496.3	496.0	496.0
STONE	2 1/2	2 1/2	2 1/2
WIDTH	3	3	3
LENGHT	58	50	20 50

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

J. Carl Hudgins
J Carl Hudgins

PLOT PLAN
PARCEL 7C
TAX MAP 22 PARCEL 483
GLENELG MANOR II
5TH ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE 1"=50' DATE 5/24/85
DRAWN BY: RIK