

8/28/85 check
Septic
+ W.P.I.

8-29-85
approved
EAbel

2nd

P 35844
A _____

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

05-374227

INDEXED

ELLICOTT CITY

DISTRICT 5th

DATE 8/5/85

Leonard E. Sutton Company IS PERMITTED TO INSTALL ALTER _____

ADDRESS 2209 Frederick Road, Catonsville, MD 21228 PHONE 744-4552

SUBDIVISION Glenelg Manor II ROAD 12713 Folly Quarter LOT 5A

PROPERTY OWNER Capitano

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 - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 9 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 6 feet of stone below distribution pipe. LOCATION: Start the trench 135 feet from the right (126.96 ft. long) side line and 95 feet from the front (194.65 ft. long) lot line. Continue to dig the trench on level ground running towards the right side of the lot.

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(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

8/28/85 well pump OK A/H

PLANS APPROVED BY Frank Skinner DATE 8/5/85

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.

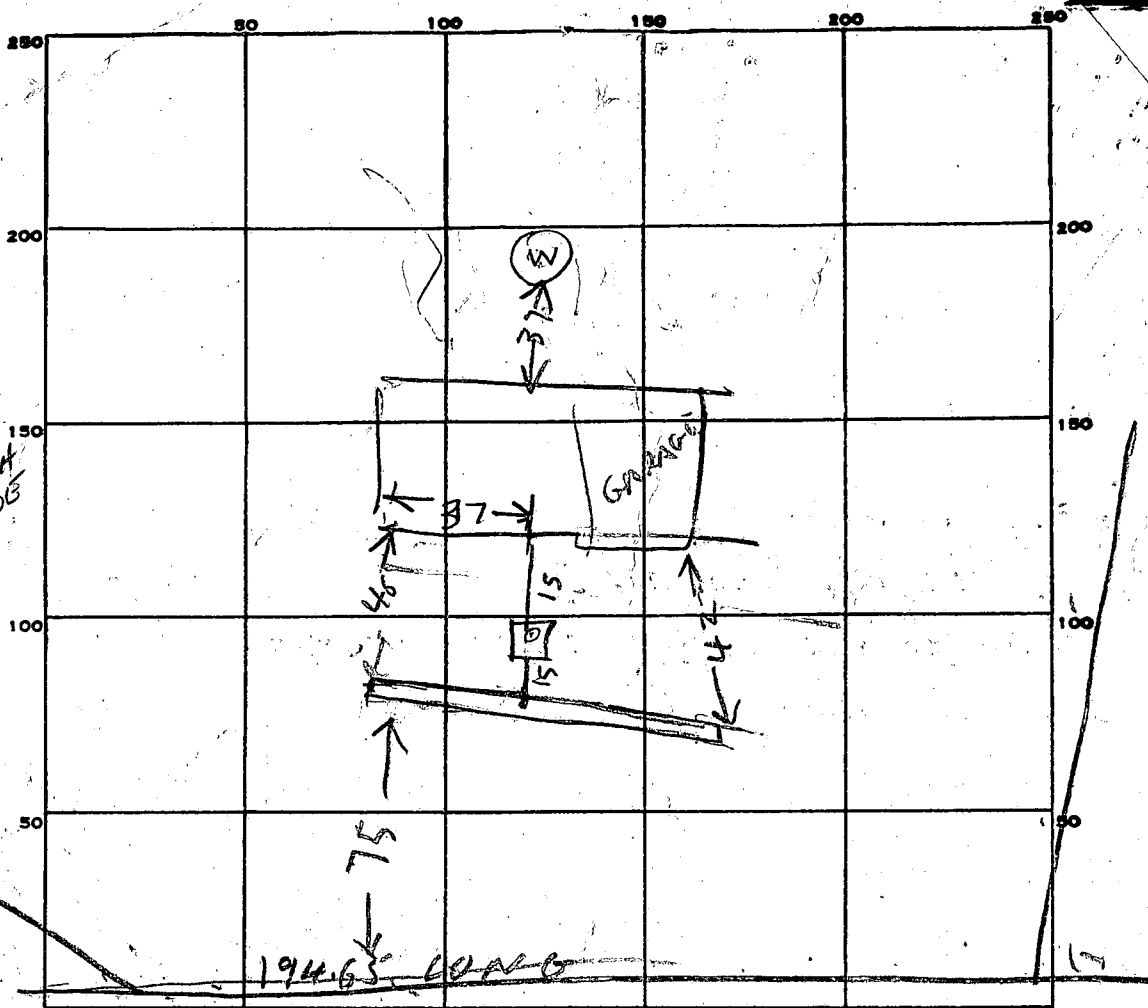
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 35844



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL OK 1500

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 9.5 FT. TRENCH WIDTH 2 FT.

INLET 3.5

GRAVEL DEPTH 6 FE TOTAL LENGTH 102 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 612 ϕ

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

ABSORBENT AREA 612 SQ. FT.

REMARKS 8/28/85 LOCATION OF FINISH ADDING STONE &

LENGTHEN TRENCH TO 100 FT & COVER TANK

8/29/85 TRENCH IS 40 SQ FT SHORT

ADD 40 SQ FT TO TRENCH R/H

DATE SYSTEM APPROVED

8-29-85

INSPECTOR

S. Abel

200
500

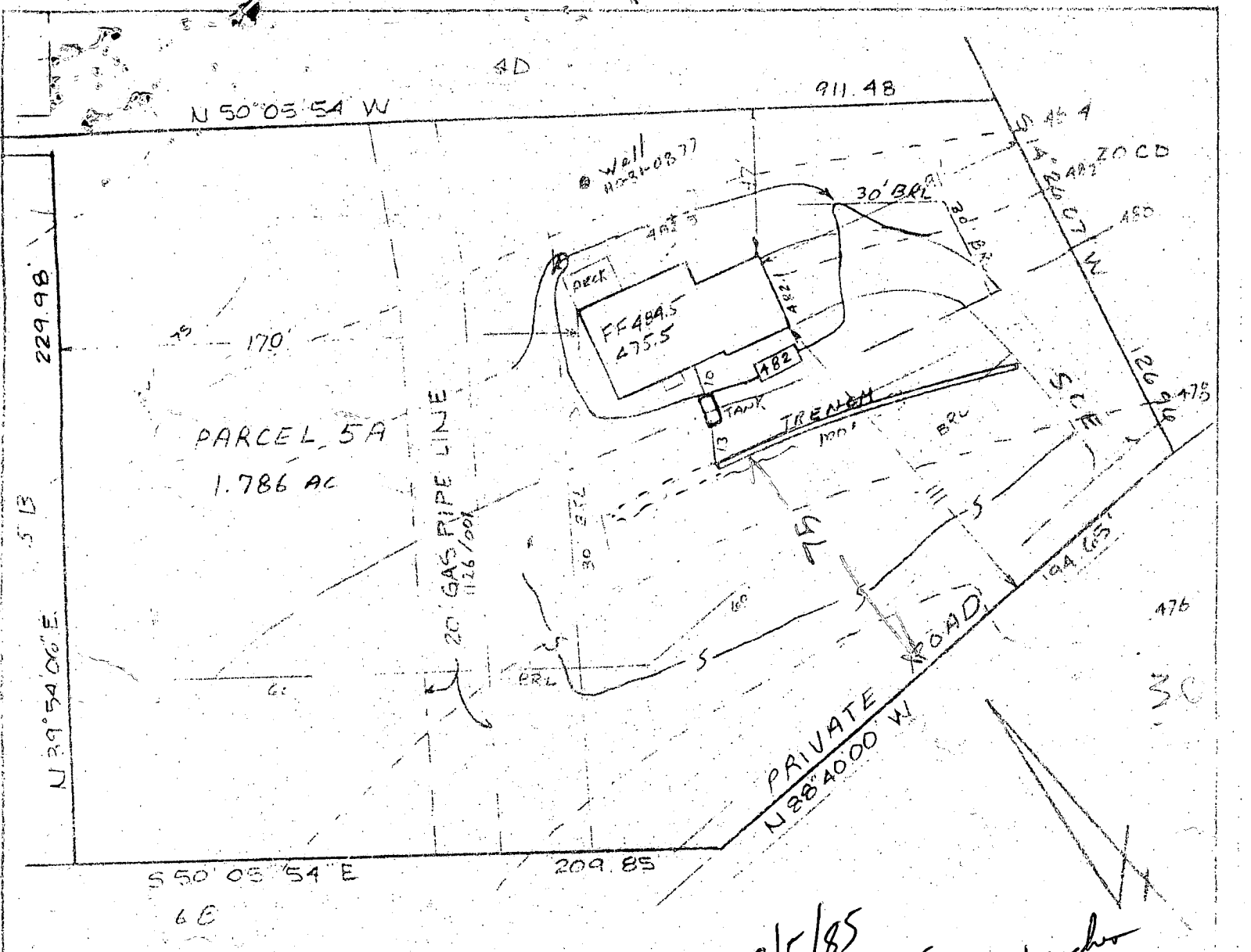
NEED
109 FE TRENCH
4.5 FE STONE

9.5
3.7
5.5

YES B17

9.5
4
5.5

9.5
4
5.5



PARCEL 5A
1.786 AC

HOUSE:

FIRST FLOOR 484.5
 BASEMENT 475.5
 INVERT 476.09

SEPTIC TANK:

EXISTING GRADE 480.0
 PROPOSED GRADE 480.0
 INVERT IN 475.89
 INVERT OUT 475.69

DISTRIBUTION BOX:

EXISTING GRADE
 INVERT IN
 INVERT OUT

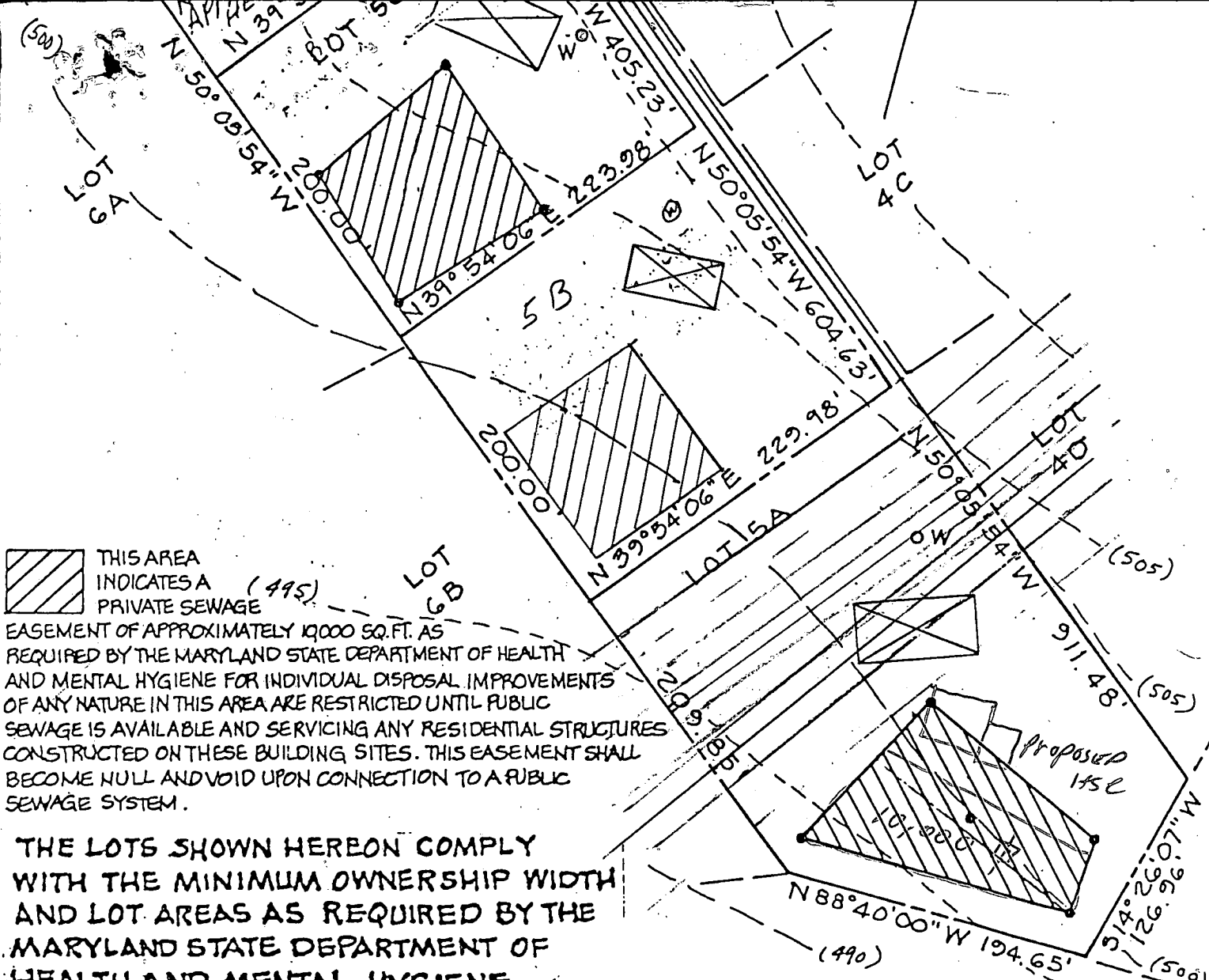
TRENCH	INVERT	BOTTOM	STONE	WIDTH	LENGTH
	475.50	469.5	6'	2'	100'

8/5/85
 Sketch OK
 2 each 50' long trenches
 also OK.
 JS

PLOT PLAN
 PARCEL 5 A
 GLENELG MANOR II
 TAX MAP #22 PARCEL 481
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1"=50' DATE 5/14/85

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

J. Carl Hudgins
 J. Carl Hudgins



 THIS AREA INDICATES A PRIVATE SEWAGE

EASEMENT OF APPROXIMATELY 10000 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.

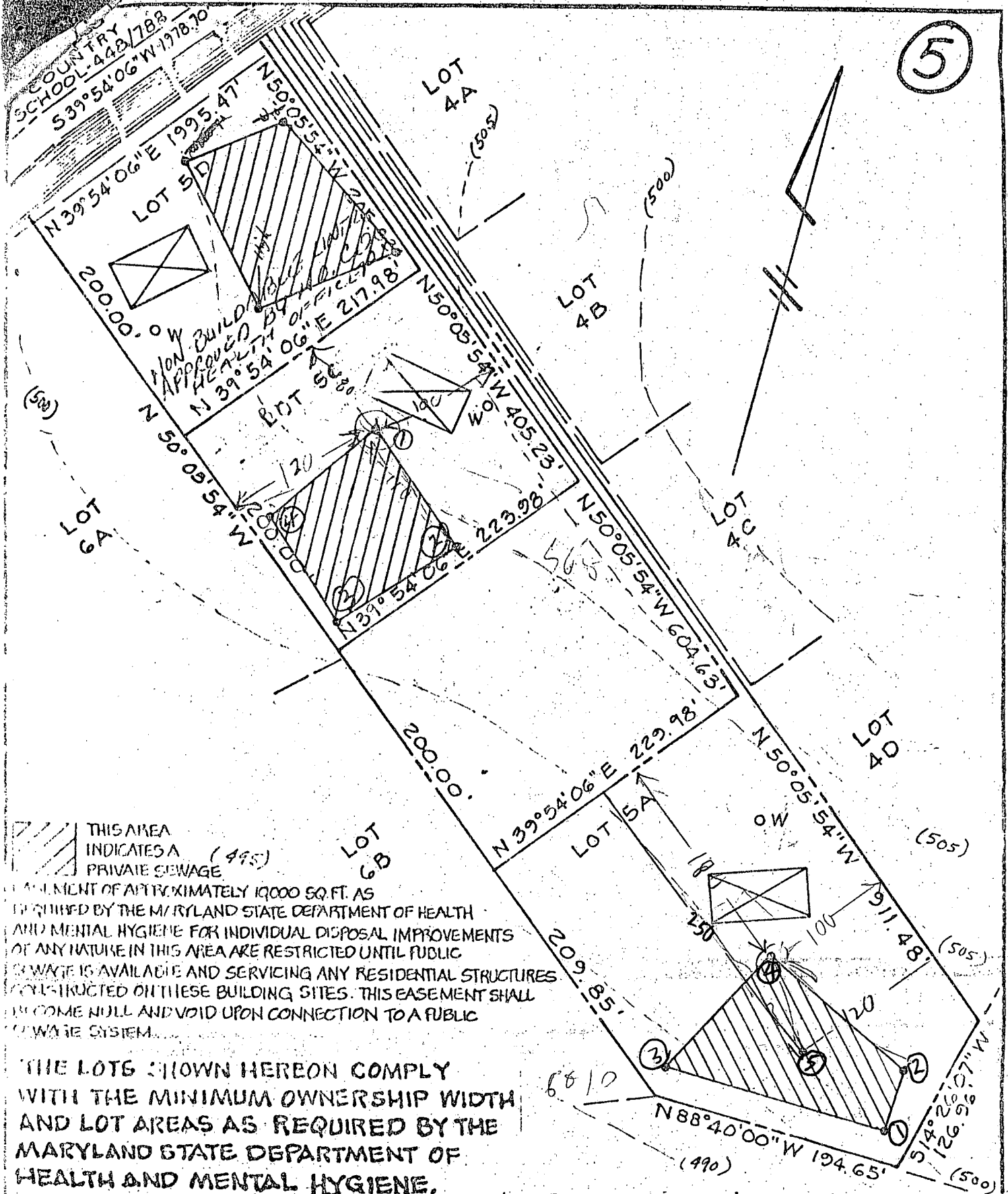
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
Joseph P. ... 1-15-79
 COUNTY HEALTH OFFICER DATE F.L.

TITLE PERCOLATION TEST PLAT			
PROJECT LOT 5A, 5C & 5D GLENELG MANOR - SECTION TWO			
LOCATION 5TH ELECTION DISTRICT HOWARD COUNTY, MD.			
DATE: 6/27/77	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

5



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 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 1-15-79
 COUNTY HEALTH OFFICER DATE

TITLE PERCOLATION TEST PLAT

PROJECT LOT 5A, 5C & 5D
 GLENELG MANOR - SECTION TWO

LOCATION 5TH ELECTION DISTRICT HOWARD COUNTY, MD.

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SCALE: 1" = 100'	JOB NO.: 7778	DRAWING NO.: 1 OF 1	

boender associates

engineers
 surveyors
 planners

APPLICATION

A 26683

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 8/16/77

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 Anthony Capitano

ADDRESS _____ PHONE Rhett Realty 465-4920

PROPERTY LOCATION:

SUBDIVISION Gleneig Manor - Section 2 LOT NO. 5A - Sec. 2

ROAD AND DESCRIPTION # 12789 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 Rodger FOR D/W DITCH OR DITCHES DATE 2/2/83
(KIND OF SYSTEM)

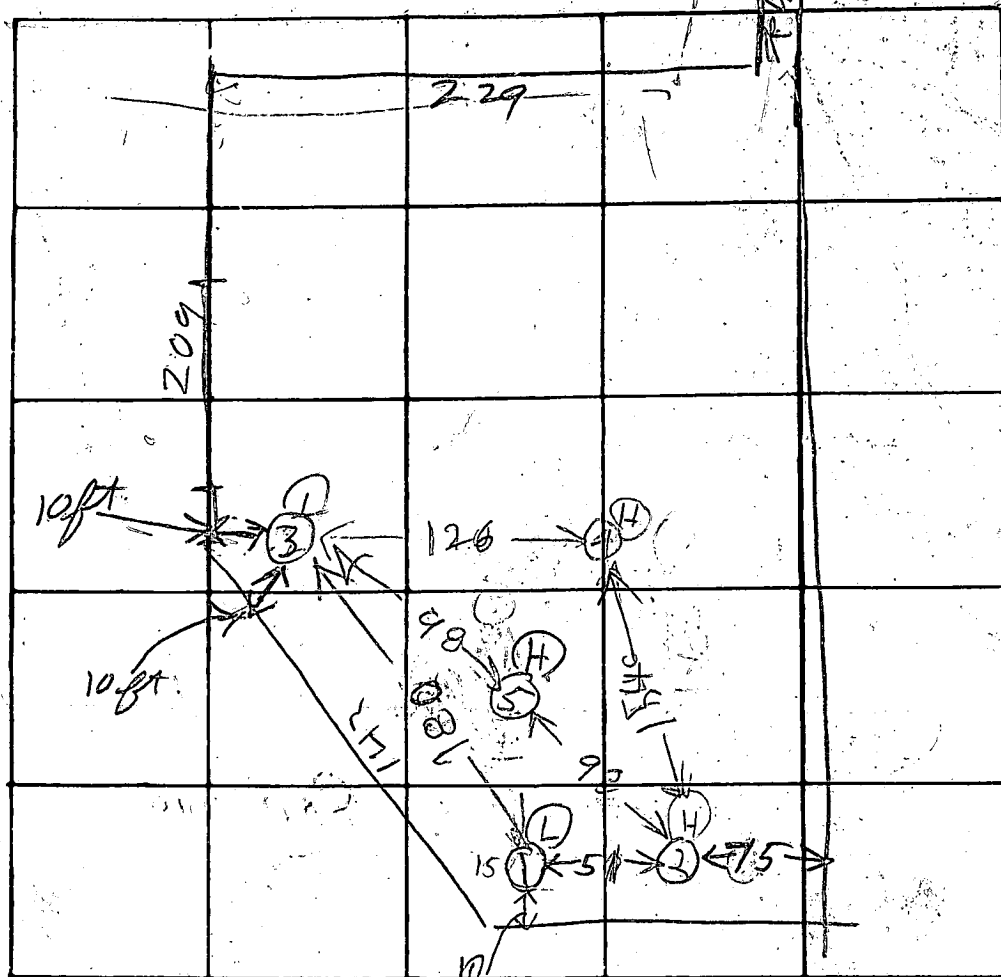
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11/3/77 - Perm OK Hold for Plat R/H
2/2/83 PLAT SIGNED ON 1/15/79 - R.P.# 64525

THIS IS NOT A PERMIT

5A



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

75
51
1
60
110
25
75
51
6

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	HOLE ELEVATION
			START	STOP	START	STOP		
11/3/77	1S	6	1027	1050	1050	1120	little perc	NEXT HIGHEST
11/3/77	1D	13 1/2	1028	1030	1030	1032	2	25
	2S	6	1030	1050	1050	1101	little perc	HIGH
	2D	13 1/2	1030	1032	1032	1034	2	100
	3S	5 1/2	1043	1100	1100	1122	22	LOWEST
	3D	14 1/2	1043	1047	1047	1049	2	
	4V	13	TOP BOT	6F 7 7F	CLAY SANDY	5 1/2 17/167		USE FORDW HIGH
	5V	12 1/2	TOP BOT	5F 7 7 1/2	CLAY SANDY	5 1/2 17/167		HIGH
	2M	7	1127	1129	1129	1131	2	
11/3/77	1M	6 1/2	1130	1140	1140	1254	14	

REMARKS Use of

TYPE OF SOIL

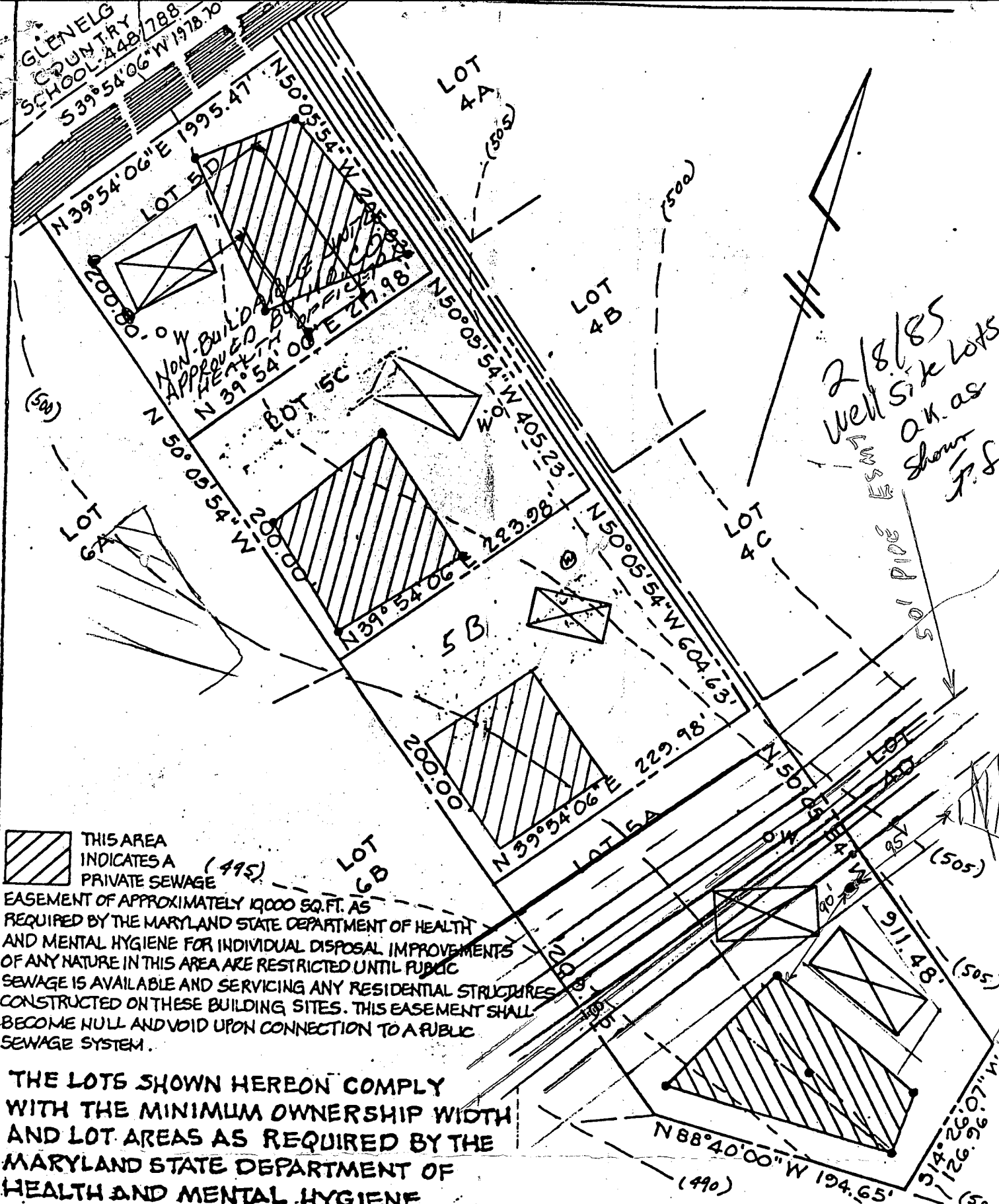
TESTED BY R. J. JONES


ALSO PRESENT: R. Talhata

495A Report Form

2190
25

GLENELG
COUNTRY
SCHOOL 448/288
53°54'06"W 1978.70



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

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
John P. ... 1-15-79
COUNTY HEALTH OFFICER DATE

TITLE PERCOLATION TEST PLAT			
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LOCATION 5TH ELECTION DISTRICT HOWARD COUNTY, MD.			
DATE: 6/27/77	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

B 1 3230 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
HO-81-0877
fill in this form completely

Date Received 2/15/85 - A.M.

OWNER INFORMATION

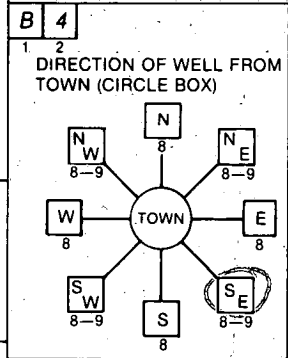
8 030795
15 CAPITANOS CONST. 34
36 12741 FOLLEY QUARTER 55
57 ELLICOTT CITY MD 21043 76

B 3 LOCATION OF WELL

1 2 HOWARD 21
8 COUNTY
23 GLEBELG MANOR 42
SUBDIVISION
SECTION 2 44 46 LOT 5A 48 50
52 GLEBELG 71
NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 73 76 77 78

DRILLER INFORMATION

Driller's Name: Ralph MAYNE 273
77 License No. 80
Firm Name: Ralph MAYNE (well DRILLING)
Address: 9120 Brown Church Rd. Mt. Airy MD.
Signature: Ralph Mayne Date: Feb 4, 1985



Folley Quarter Rd. 11 30
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH N
WEST W 32 E
SOUTH S EAST

34 2000 37
DISTANCE FROM ROAD
ENTER FT or MI FT 38 39

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)
 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A 26683 COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 020885 Frank Shinner 8/8/85 EXP. DATE
43 48 CO SIGNATURE
NORTH GRID 516000 50 55 EAST GRID 0812000 57 63

APPROXIMATE DEPTH OF WELL 150 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
31 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
 THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 42 43 44 45 46 47 48 49 50 51 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. HO-81-0877 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

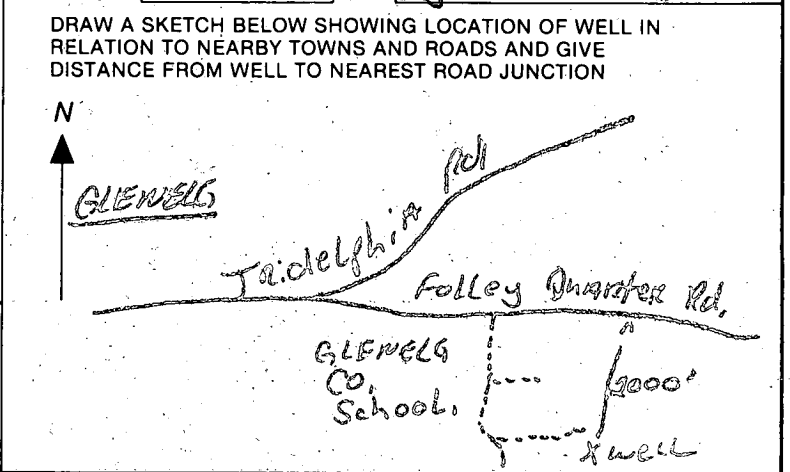
SOURCES OF DRILLING WATER

- well
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

810 E 840 2
510 N 540 6

Location OK
38' casing
33' open
8' bags cement
2/15/85
Folley Quarter Rd.



C1 9536 SEQUENCE NO. (OEP USE ONLY)
 (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 26683

DATE Received [] DATE WELL COMPLETED 02/15/85 Depth of Well 22 180 26 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0877

OWNER Capitano's Construction Co. last name Folly Quarter Rd first name TOWN Glenelg
 STREET OR RFD SUBDIVISION Glenelg Manor SECTION 2 LOT 5A

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	
Top Soil	0	2	
Sandy	2	25	
Sand Stone	25	35	-
Micka	35	50	
Sand Stone	50	55	-
Micka	55	180	

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 8 NO. OF POUNDS 800
 GALLONS OF WATER 48
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 33 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST CO STEEL CONCRETE
 PL OT PLASTIC OTHER
 MAIN CASING TYPE PL 6 38
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

C2

ELECTRIC LOG NUMBER	DEPTH (nearest ft.)	
	8	15
1	80	180
2		
3		

SLOT SIZE 1 2 3
 DIAMETER OF SCREEN [] (NEAREST INCH)

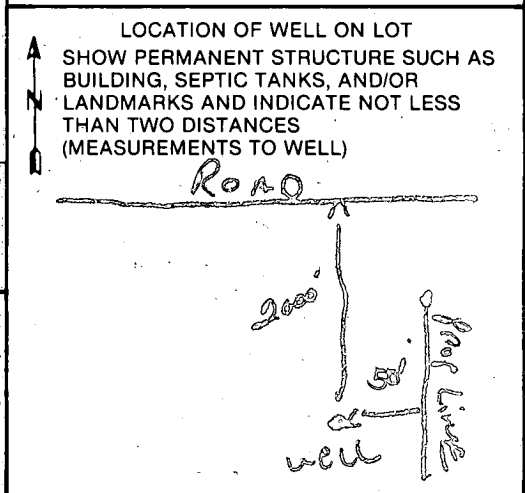
GRAVEL PACK from to
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

C3

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 7
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 27
 WHEN PUMPING 32
 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) 31 35
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (nearest ft.) 43 47
 CASING HEIGHT (circle appropriate box and enter casing height) + above - below
 LAND SURFACE (nearest foot) 49 51



CIRCLE APPROPRIATE LETTER 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. 223
 DRILLERS SIGNATURE Ralph E. Wagner
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

