

8/7/85
H.S.P.P.

8-7-85
approved
S. Abel

PERMIT

P 35842
A 25586

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 4th
DATE 8/2/85

INDEXED

04-339290

Hy and Lowe IS PERMITTED TO INSTALL ALTER

ADDRESS 7000 Warfield Road, Gaithersburg, Md. 20760 PHONE 253-2663 or 926-5924

SUBDIVISION Jaycox property ROAD 2330 Duvall Road LOT 18

PROPERTY OWNER Frederick Brokaw

ADDRESS 1995 Sand Hill Road, Marriottsville, Md. 21104

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1,000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom sidewall area. Trench to be 2 ft. wide. Inlet 4 ft. below original grade. Bottom maximum depth 8 ft. below original grade. Effective area begins at 4 ft. below original grade. XXXX 4 feet of stone below distribution pipe. Place the septic tank 125 feet from the rear (332') lot line and 40 feet from the back-right (190') lot line. First trench to extend toward rear lot line and must be no more than 40 feet from the 190 ft. lot line at any point. 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 AND AFTER GRAVEL IS INSTALLED.

PLANS APPROVED BY Craig Williams DATE 4/11/85

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.

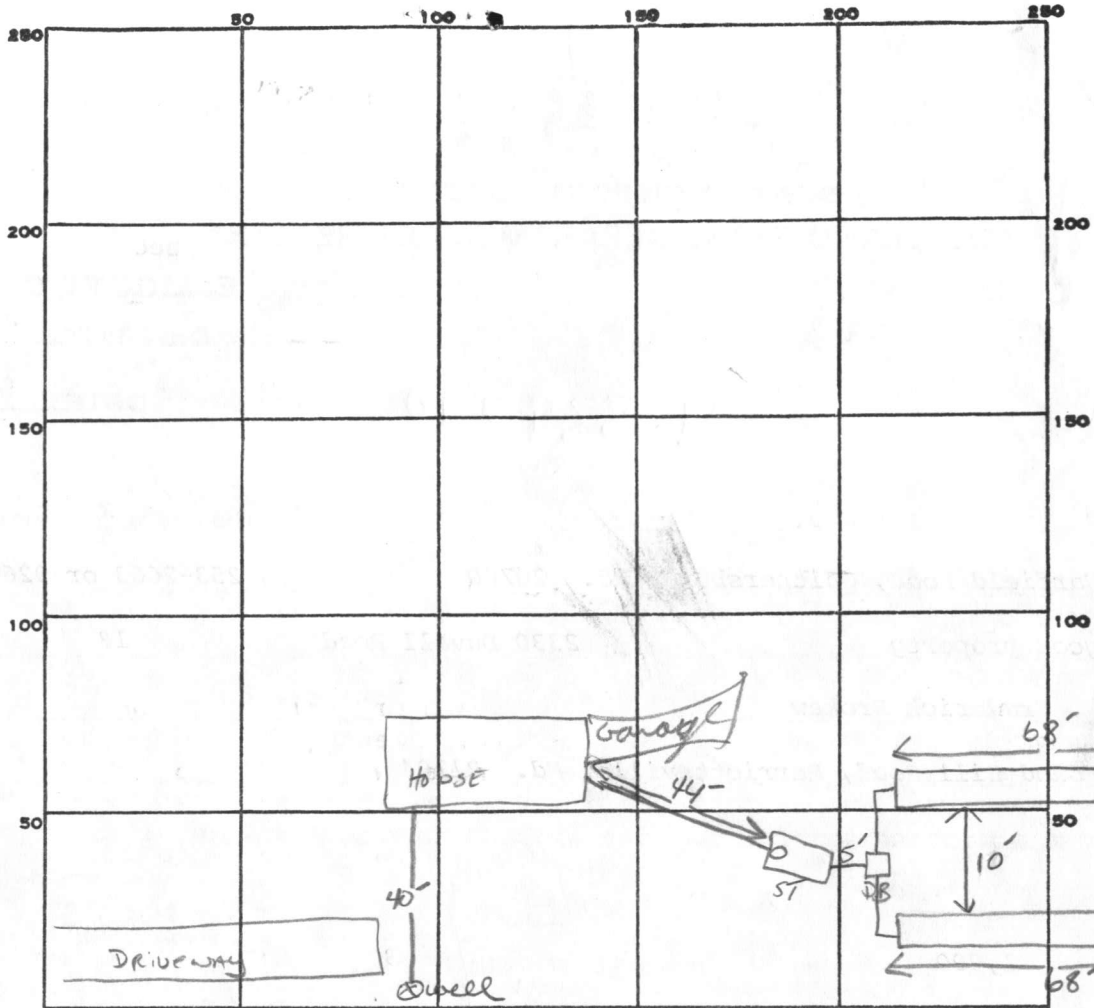
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED
AND RETURNED 5/29/85
Sua # 17029 House +
Garage

A-35842
25586

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

2
180
3
540

PERMIT CARD

SEPTIC TANK, LEVEL 1000 GAL

CLEANOUTS 1 ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH $\frac{1}{8}$ FT. TRENCH WIDTH 2 FT. INLET 4"

GRAVEL DEPTH $\frac{1}{4}$ FE IN. TOTAL LENGTH $\frac{1}{68}$ FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL TOTAL BOTTOM AREA 544

12
136
4
544

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

ABSORBENT AREA 544 SQ. FT.

REMARKS 8-6-85 OK TO ADD STONE TO TRENCH + NEED HOUSE CONNECTION. S Abel

8-6-85 OK TO COVER TRENCH BACK TO 5' FT FROM HOUSE - NEED HOUSE

CONNECTION, S Abel; HOUSE CONNECTION DONE. S Abel

8-6-85 WPI PITNESS AT 4.5' below GRADE, well LINE 4.5-5' below GRADE PRESSURE TANK NOT INSTALLED

DATE SYSTEM APPROVED

8-7-85

INSPECTOR

S. Abel

PRELIMINARY

APPLICATION

25586

A _____

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. | 4 B.R. DISTRICT 4th
 ENVIRONMENTAL HEALTH SERVICES 1000 gal. septic tank | 1250 gal. septic tank DATE 4/6/77
 P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
 TELEPHONE: 465-5000, EXT. 356

effective sidewall absorption area per bedroom to begin below the first 3 1/2 ft. of non-porous soil. Maximum depth permitted for drywell or trench is 9 1/2 ft. below original grade. Place the drywell 300 ft. from the rear lot line and 35 ft. from the right side line, as seen when facing the property from Duvall Road. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground (towards the left side of lot) the necessary distance. Call for inspection of trench before gravel is installed.

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 William L. Swann Frederick Brokaw

ADDRESS 12979 Clarksville Pike, Highland, Md. PHONE 286-2608
1995 Sand Hill Rd., Harriethville, Md. 21104

PROPERTY LOCATION:

SUBDIVISION Jaycox property LOT NO. 9-18
2330 Duvall Road

SIZE OF LOT 9 acres m/l TYPE BLDG. 3 or 4 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/ William L. Swann

APPROVED BY Frank Skinner FOR Drywell & trench DATE 9/18/78
(KIND OF SYSTEM)

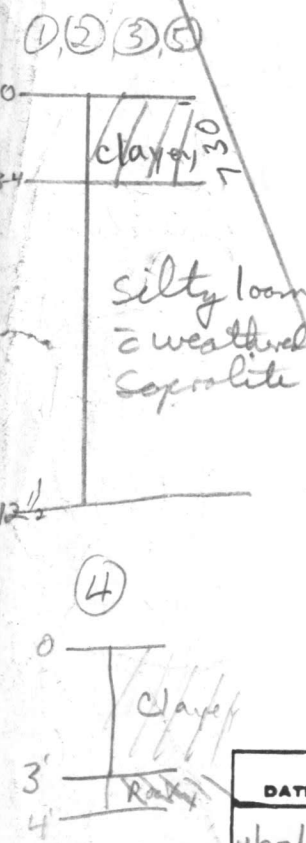
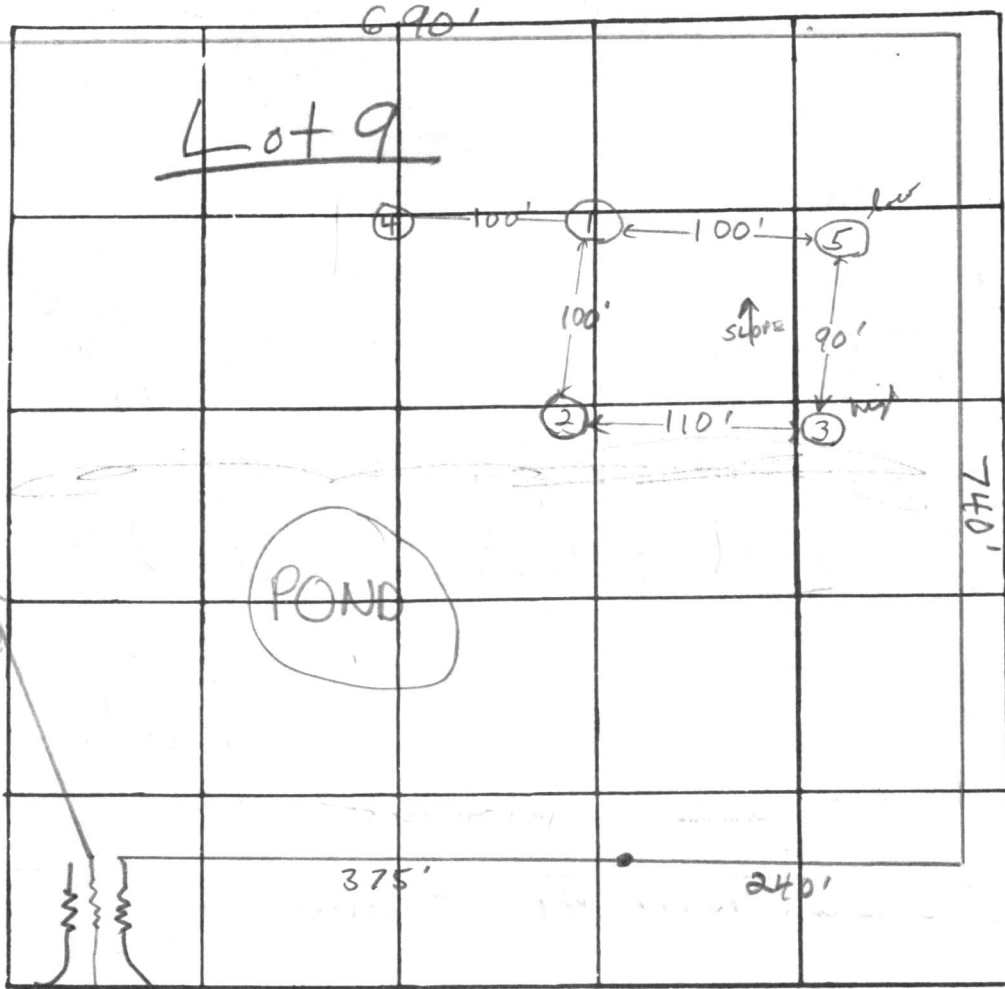
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Per O.K. F.S. # 65043

REG. PERMITS SIGNED
AND RETURNED 6-7-85

THIS IS NOT A PERMIT



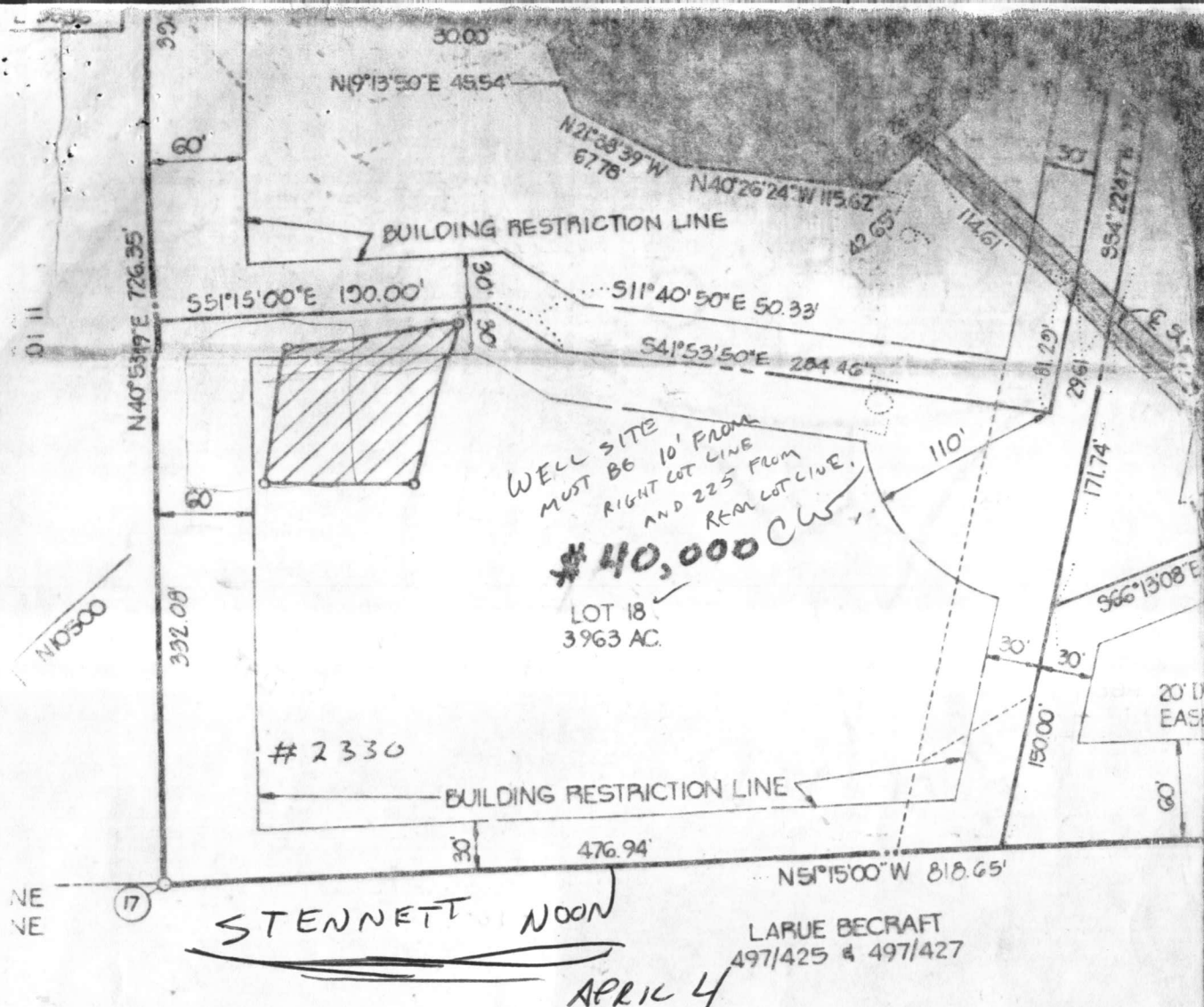
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/27/77	1	4'	1:31	1:32	1:32	1:34	2 min	
	1A	12 1/2'	1:31	1:33	1:33	1:34	3 min	
	2	3'	1:37	1:40	1:40	1:49	9 min	
	2A	12'	1:37	1:41	1:41	1:48	7 min	
	3 high	3'	1:42	1:56	pull at top @ 2:15 = 1/2" drop		FAILS	
	3A	12'	1:42	1:50	1:50	2:05	15 min	
	4	4'	Rocky 3-4'					
	5 low	12 1/2'	2:18	2:36	2:36	2:57	21 min	
	3B	4'	2:22	2:25	2:25	2:30	5 min	

REMARKS Certify hole locations 4/11/79 New lot 18 lacks acceptable home site of well site

TYPE OF SOIL clayey to 3-4'; silty loam with weathered sapsolite below

TESTED BY F.S. ALSO PRESENT: O. Ketterman & Co.

E+O



OWNERS STATEMENT

WE, JOHN T. SWANN, AND WILLIAM L. SWANN, OWNERS OF PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAN BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OR RIGHTS OF WAY AFFECTING THE PROPERTY INCLUDED IN THIS PLAN OF SUBDIVISION. IT IS FURTHER AGREED THAT MAINTENANCE OF WATERWAYS DRAINAGE EASEMENTS AND/OR FLOOD PLAIN SHOWN HEREON ARE THE RESPONSIBILITY OF THE PROPERTY OWNERS, ITS SUCCESSOR AND ASSIGNS.

WITNESS OUR HANDS THIS 15TH DAY OF FEB. 1979
 John T. Swann
 William L. Swann
 John Swann
 John Swann
 WITNESS WITNESS

-79
 VING
 0-79
 ND
 79

ELEVATIONS

WELL	100.0
HSE. FIN. GRADE	97.8
FIRST FLR.	99.3
SEWER OUT	96.4
BST. FLR.	90.5
TANK - OG	99.0
- IN	95.6
- OUT	95.3
- FIN GRADE	99.0
TRENCH - OG	99.0
- INVERT	95.0
- FIN GRADE	99.0

I CERTIFY THESE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY TO THE BEST OF MY KNOWLEDGE.

John W. Palluck

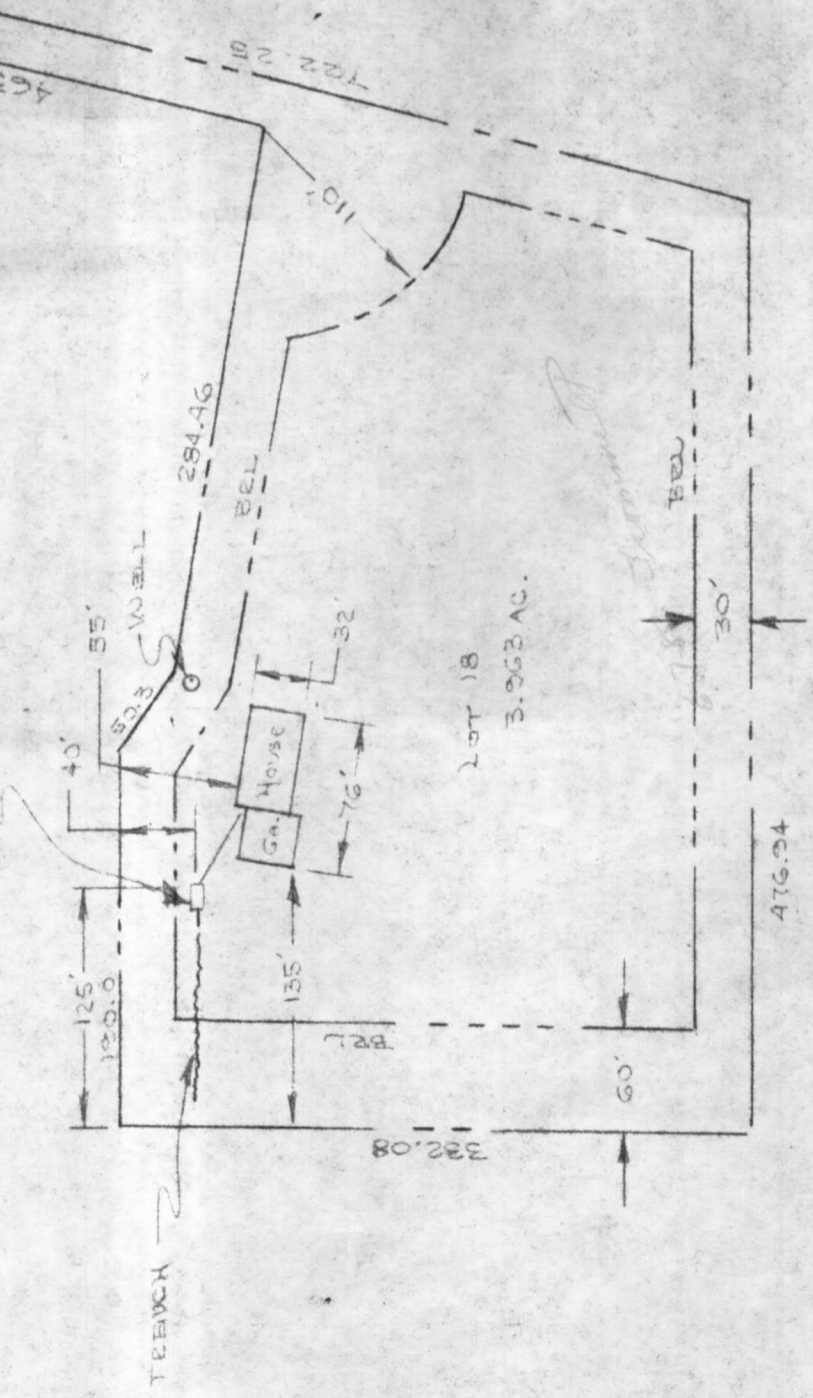
*Septic Elev's & Location
6-7-85*

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 21 9 11 AM '85
DIVISION OF
ENVIRONMENTAL
HEALTH

2330 DUVALL RD.
RESIDENCE FOR
MR. & MRS. FREDERICK W. BROKAW
DUVALL RD.
WOODBINE, MD. 21791
4TH ELECTION DISTRICT

65043

TANK - 41' FROM SEWER OUT



SCALE 1" = 100'

B.P. # 65043

wellok

C1 2276 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 25586

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

DATE Received, DATE WELL COMPLETED, Depth of Well, PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, STREET OR RFD, SUBDIVISION, SECTION, TOWN, LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Brown Shale, Flint Rock, and Blue Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth.

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

SCREEN RECORD: screen type or open hole, insert appropriate code below, STEEL, BRASS, OPEN HOLE, PLASTIC, OTHER.

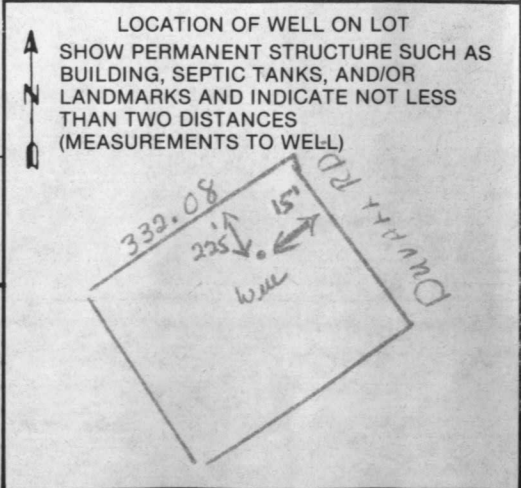
DEPTH (nearest ft.), E A C H S C R E E N, SLOT SIZE, DIAMETER OF SCREEN (NEAREST INCH)

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, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP, IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE.



STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL HEALTH
MAY 17 1985

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
MAY 17 3 22 PM '85
DIVISION OF
ENVIRONMENTAL
HEALTH

STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES
DIVISION OF ENVIRONMENTAL HEALTH
MAY 17 1985

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