

10/27/88
11:00 OK
WILL BE READY BY 2:00 PM

05-396387

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 43061

A 34133

DISTRICT 5th

DATE 11/25/88

DATE SYSTEM APPROVED 10/27/88

INSPECTOR C. Williams

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Glenelg Manor Extended ROAD 12815 Folly Quarter Rd LOT Parcel B

PROPERTY OWNER John Rettaliata

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 4 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Place the distribution box on the 446' contour, 10 feet from the West (337.25') lot line and 80 feet from the South (410.47') lot line. Trenches to be installed as high on lot as possible relative to the distribution box location.

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

* CONTACT HEALTH DEPT FOR SITE INSP. PRIOR TO BEGINNING EXCAVATION. C.W.

PLANS APPROVED BY C. Williams DATE 5/04/88

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 TWO YEARS

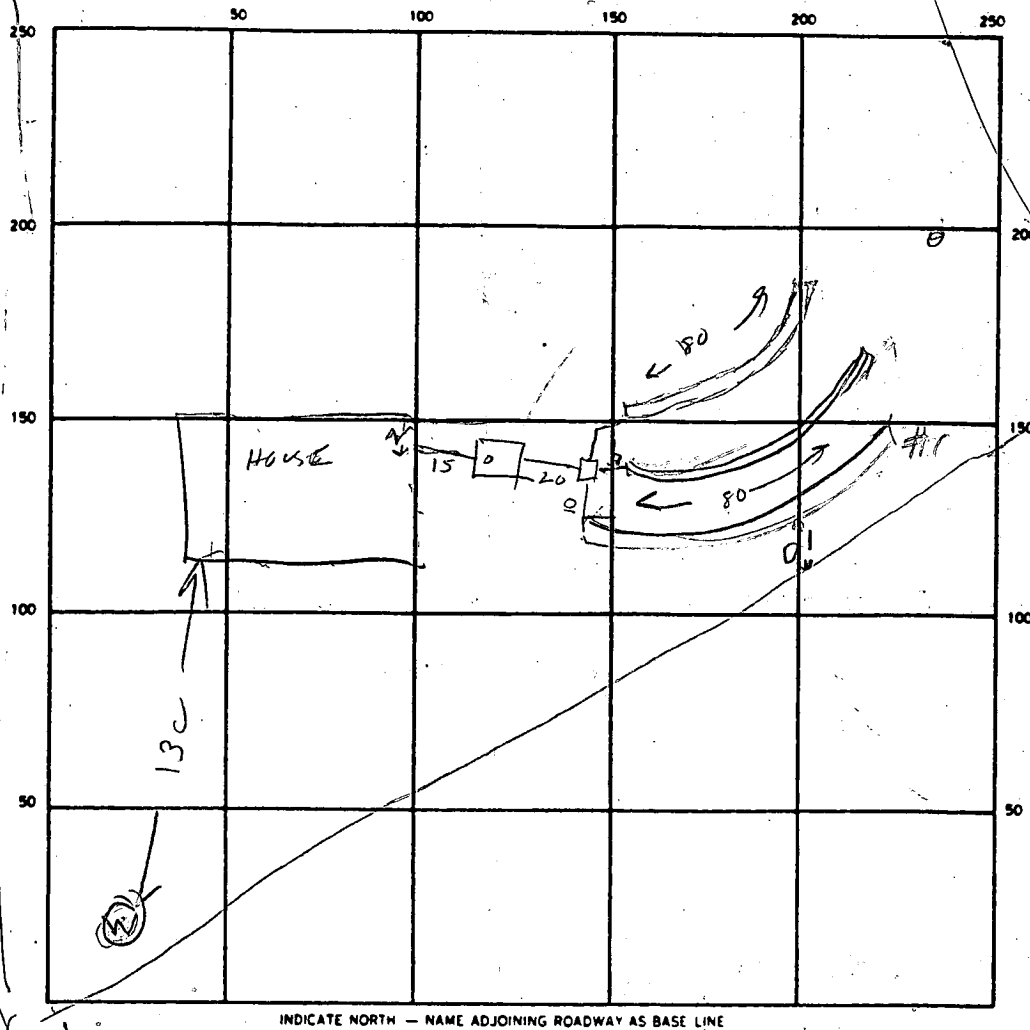
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 34133



34

SEPTIC TANK LEVEL 1250. CLEANOUTS STV

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 3 FT. TOTAL LENGTH 80 FT. 80 FT. 80 FT. 240 FT.

NUMBER OF TRENCHES 3 (80 ea.) ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS 10/27/88 COVER TRENCH #1 FINISH ADDING STONE
TO TRENCH #2 DIG TRENCH #3 LOCATION O/K
10/27/88 FINISH FINAL TRENCH & COVER. CW

DATE SYSTEM APPROVED 10/27/88 INSPECTOR Cajun

APPLICATION

SEWAGE DISPOSAL TESTING

A 34133

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th.

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DATE 7/23/84

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 Associates
12789 Folly Quarter Road
ADDRESS Ellicott City, Maryland PHONE 531-5252

PROPERTY LOCATION:

3RD PARCEL

SUBDIVISION Glenelg Manor II LOT NO. Parcel B

ROAD AND DESCRIPTION off Folly Quarter Road

SIZE OF LOT 3.0 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/ John F. Rettaliata
(SIGNATURE OF APPLICANT)

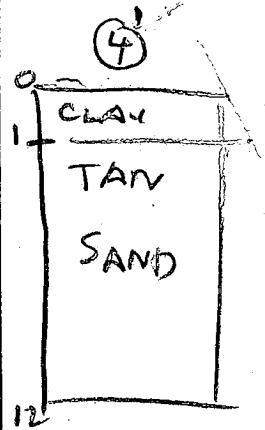
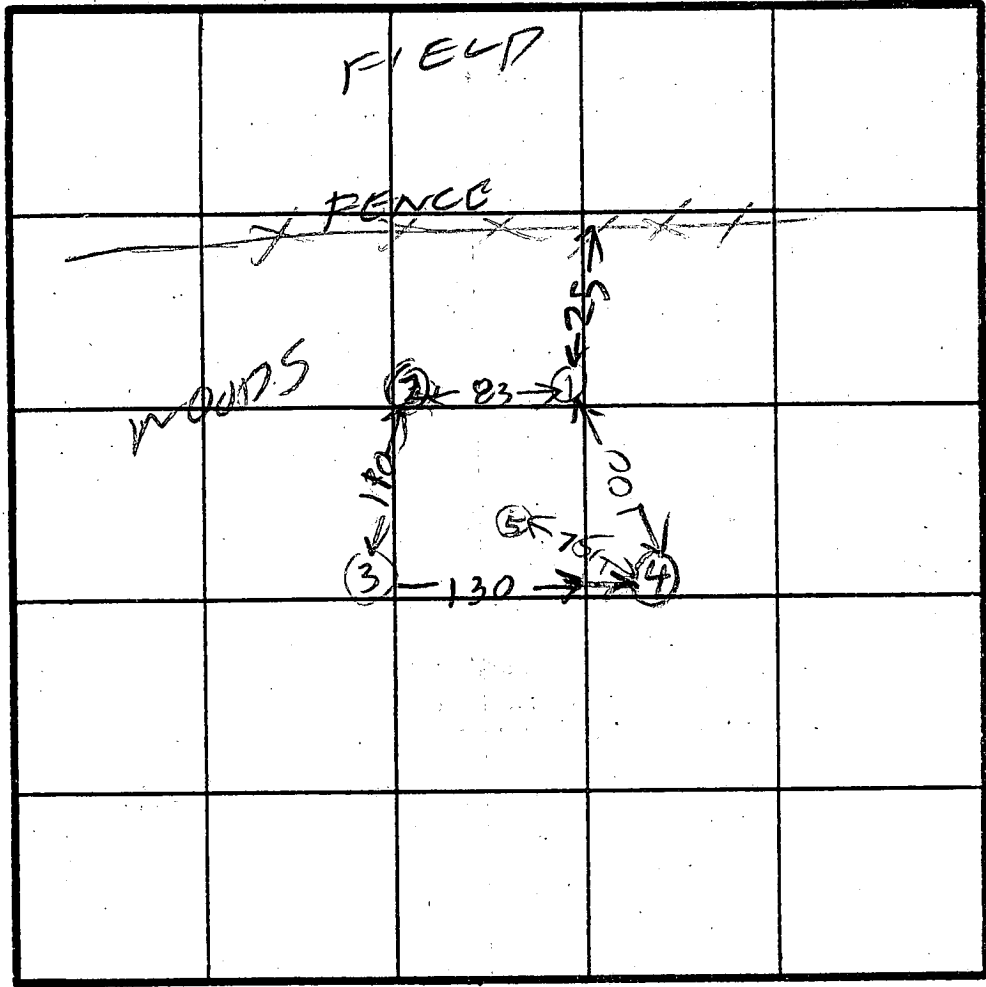
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



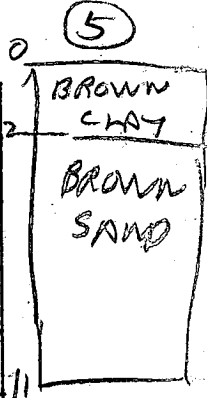
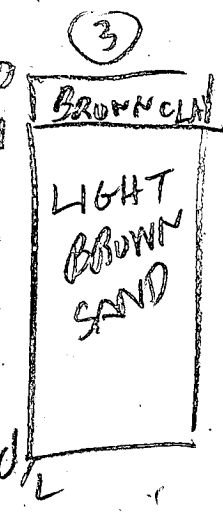
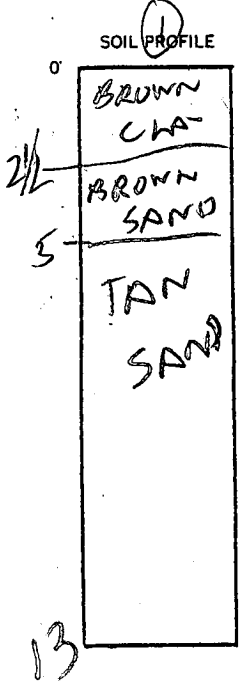
HOLE ELEV

① ② HIGH

③ ④ LOW

⑤ LOWEST

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



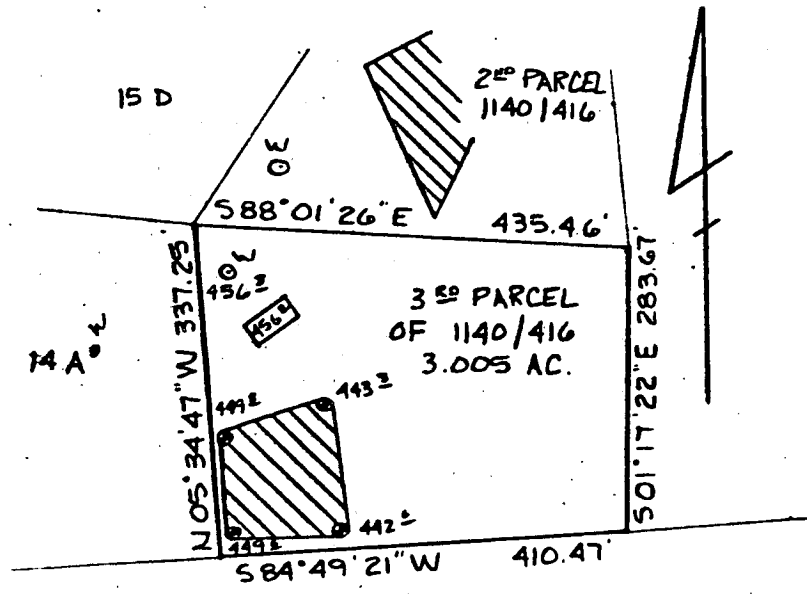
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/2/24	1 S	4 1/2	157	158	158	200	2
	1 V	13	LOOKS	OK			
	2 S	2	200	204	204	201	3
	2 V	9	LOOKS	OK			
	3 S	3	209	210	210	211	1
	3 V	11					
	4 S	2 1/2	214	215	215	216	1
	4 V	12	LOOKS	OK			
	5 V	11	LOOKS	OK			

REMARKS _____


TYPE OF SOIL _____

TESTED BY R. HODGES

ALSO PRESENT OKETTERMAN



PERCOLATION TEST PLAT
 PARCEL B
 3rd PARCEL
 LIBER 1140 FOLIO 416
 PROPERTY OF
 JOHN & RUTH RETTALIATA
 5th Election District
 Howard County, Maryland
 Scale 1" = 200'
 Date 2/18/86

 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

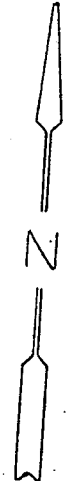
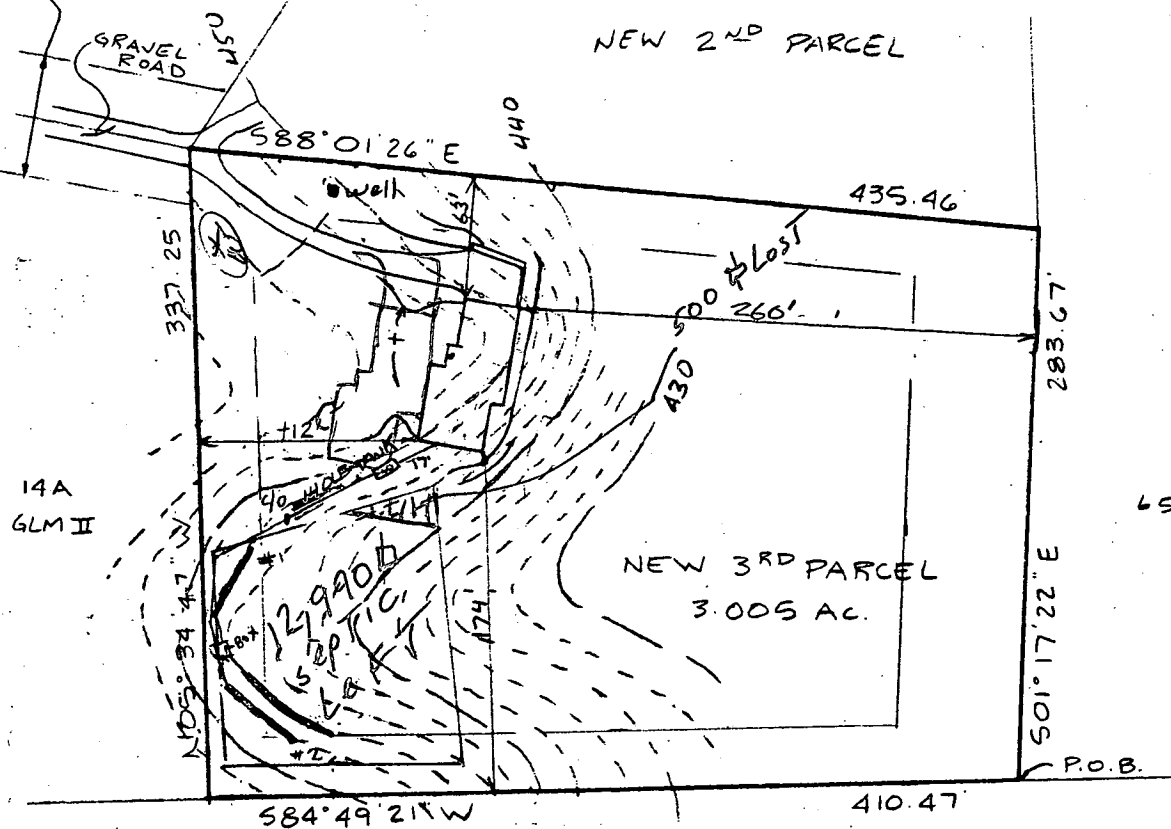
James B. [Signature]
 County Health Officer

2-25-86
 Date

NTT Associates, Inc.
 16205 Old Frederick Road
 Mt. Airy, MD 21771
 (301) 442-2031

OK TO SIGN [Signature] 2/21/86

60 ROAD ESM'T
LIBER 1048 FOLIO 365



HOUSE:

FIRST FLOOR	455.0 ✓
BASEMENT	445.0 ✓
INVERT	446.56 ✓ - BENT

SEPTIC TANK:

EXISTING GRADE	448.0 ✓
PROPOSED GRADE	448.0 ✓
INVERT IN	446.21 ✓
INVERT OUT	445.76 ✓

DISTRIBUTION BOX:

EXISTING GRADE	446.5 ✓
INVERT IN	444.5 ✓
INVERT OUT	444.4 ✓

TRENCHES:

	#1	#2	#3
EXISTING	448.0	448.0	446.0
INVERT	444.0	444.0	442.0
BOTTOM	441.0	441.0	441.0
STONE	3.0	3.0	3.0
WIDTH	2.0	2.0	2.0
LENGTH	40.0	85.0	55.0

No change

14A
GLM II

656/402

NEW 3RD PARCEL
3.005 AC.

P.O.B.

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

J. Carl Higgins
J. Carl Higgins

RETTALIATA Glenelg MANOR

6/28/88

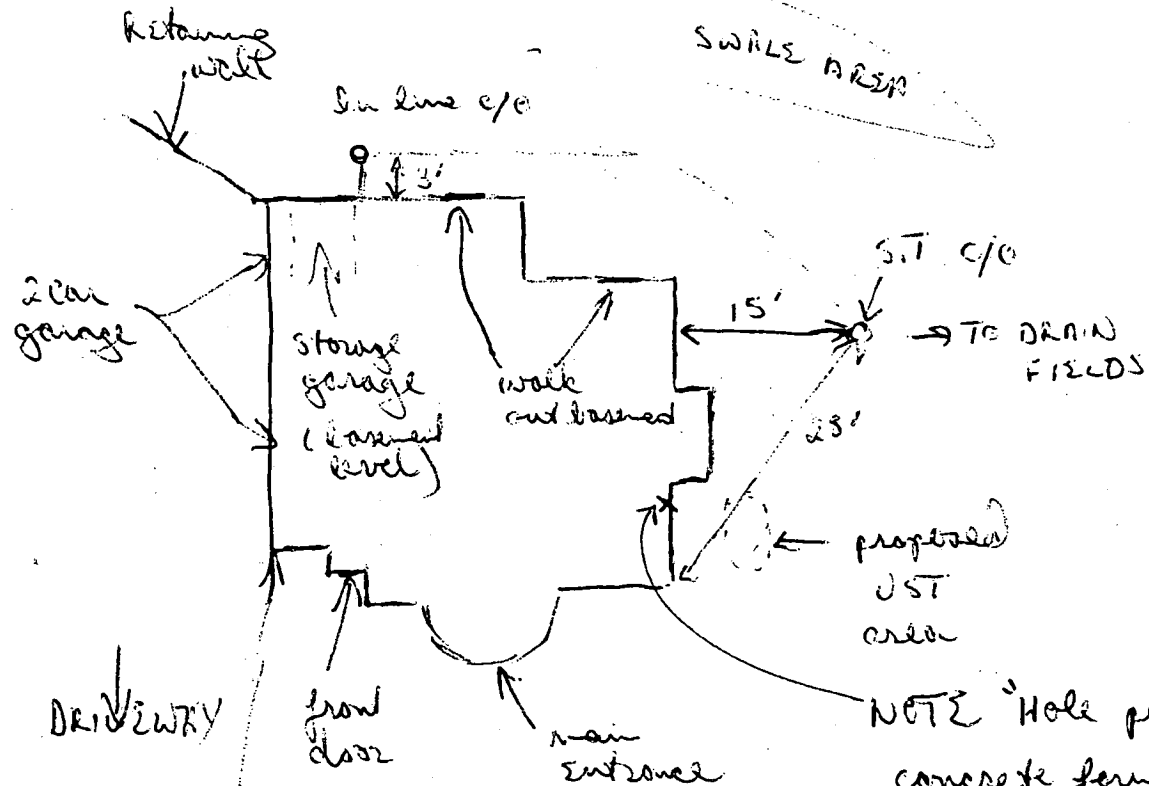
elevations &

BLDG. PERMIT SIGNED AND RETURNED 6-28-88

BP 18379 PLOT PLAN
PROPERTY OF
JOHN & RUTH
RETTALIATA
5th ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE 1"=100'
DATE 29APR88

BP# 23679
550 gal UST.

GLENELG MANOR II
J. RETALIATA PROP.



NOTE "Hole punch" in concrete foundation apparently for UST hookup consistent w/ proposed location

3/3/89 OK to approve

(Signature)

WELL (2 10-15' of prop line)
HO 88 0009

B 1 7116

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

40-88-0009

fill in this form completely

Date Received (APA)

06/17/88

OWNER INFORMATION

RETTALIATAA CHUCK

6503 HAMLCT CT

ELDERSBURY MD 21284

B 3

LOCATION OF WELL

HOWARD

GLENELG MANOR

SECTION 44 46 LOT 48 50

GLENELG

MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION

Ralph Mayne 223

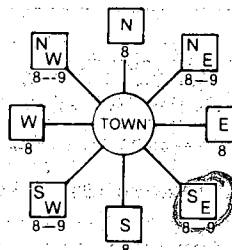
Ralph Mayne Well Drilling

5120 Bowen Church Rd. Mt Airy

Ralph Mayne 6/13/88

B 4

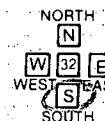
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Folley Quarter Rd.

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



3500 DISTANCE FROM ROAD ENTER FT or MI 3500

B 2

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A-34133 COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 06/22/88 S. J. Adams 12-21-88

NORTH GRID 510000 EAST GRID 0813000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

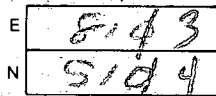
- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT

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

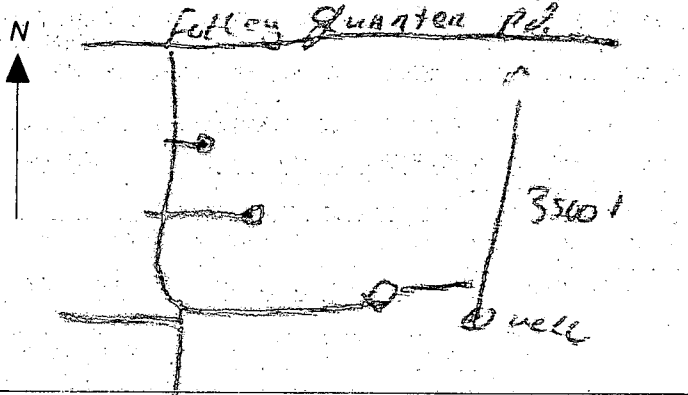


6-22-88 Location ok 2 ft above grade 30 ft casing 27 ft open hole 8 bags cement JE Nadeau

REPLACEMENT OR DEEPEDED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEDED (IF AVAILABLE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE SA WRITE INITIALS IN BOX PERMIT No. 40-81-0009

SPECIAL CONDITIONS

C1 9666

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A-34133

DATE RECEIVED

DATE WELL COMPLETED 062299

DEPTH OF WELL (TO NEAREST FOOT) 205

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-81-0009

OWNER: RITZALIANA JOHN; STREET: Folly Quarry Rd.; TOWN: Glenelg; SUBDIVISION: Glenelg Manor; SECTION: ; LOT: Parcel B

WELL LOG: Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy, Shred Stone, MICKA, Sand Stone, MICKA, 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: 6; NO. OF POUNDS: 200; GALLONS OF WATER: 148; DEPTH OF GROUT SEAL: 0 to 27 ft.

CASING RECORD: MAIN CASING TYPE: PL (PLASTIC); Nominal diameter: 1 inch; Total depth of main casing: 30 feet.

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

SCREEN RECORD: screen type or open hole: HO (HOLE); SLOT SIZE: 1, 2, 3; DIAMETER OF SCREEN: (NEAREST INCH)

DEPTH (nearest ft.): 205; GRAVEL PACK: from to; IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

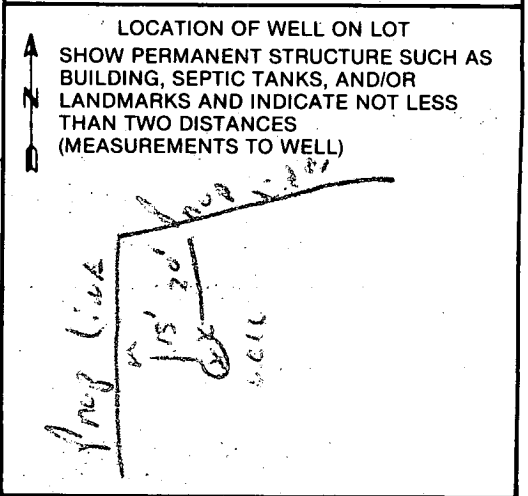
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO.: 273; DRILLERS SIGNATURE: Mark H. Wilson; SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

C3 PUMPING TEST: HOURS PUMPED: 2; PUMPING RATE: 9 gal. per min.; METHOD USED TO MEASURE PUMPING RATE: Bucket; WATER-LEVEL (distance from land surface) BEFORE PUMPING: 40; WHEN PUMPING: 45; TYPE OF PUMP USED: S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO); TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 29; 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) 50-51



COUNTY

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2518
 Location of property (road) FOLLEN QUARTER ROAD
 Subdivision GLENEIG MANOR Lot P.B. Block Plat Sec.
 Well Driller RALPH MAYNE Owner RESTALIZIA, GABRIEL

Depth of well 305'
 Distance of measuring point (M.P.) above ground 2 ft
 Static water level (S.W.L.) below M.P. 45 ft

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 10 G.P.M
 Total time 30 MIN to reach pumping water level 162 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)
9:30	162 ft	30 sec		2 G.P.M
9:45	162 ft	30 sec		2 G.P.M
10:00	162 ft	30 sec		2 G.P.M
10:15	162 ft	30 sec		2 G.P.M
10:30	162 ft	30 sec		2 G.P.M
10:45	162 ft	30 sec		2 G.P.M
11:00	162 ft	30 sec		2 G.P.M
11:15	162 ft	30 sec		2 G.P.M
11:30	162 ft	30 sec		2 G.P.M
11:45	162 ft	30 sec		2 G.P.M
12:00	162 ft	30 sec		2 G.P.M
12:15	162 ft	30 sec		2 G.P.M
12:30	162 ft	30 sec		2 G.P.M
12:45	162 ft	30 sec		2 G.P.M
1:00	162 ft	30 sec		2 G.P.M
1:15	162 ft	30 sec		2 G.P.M
1:30	162 ft	30 sec		2 G.P.M
1:45	162 ft	30 sec		2 G.P.M
2:00	162 ft	30 sec		2 G.P.M
2:15	162 ft	30 sec		2 G.P.M
2:30	162 ft	30 sec		2 G.P.M
2:45	162 ft	30 sec		2 G.P.M
3:00	162 ft	30 sec		2 G.P.M
3:15	162 ft	30 sec		2 G.P.M
3:30	162 ft	30 sec		2 G.P.M

