

6/25/84

APPROVED 33834
6/25/84
RH P 3/10/86

PERMIT

A 31066

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEX

ELLICOTT CITY
DISTRICT 1st

DATE 4/27/84

Jack Fyock IS PERMITTED TO INSTALL ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Talbots Last Shift ROAD 5045 Ilchester Road LOT 14B

PROPERTY OWNER Richard E. Rittermann
3114 Cresson Avenue
ADDRESS Baltimore, Maryland 21207

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 to be 2 feet wide, Inlet to be 4 feet below original grade and effective absorbant area from 6 feet - 10 feet only. Maximum depth of trenches to be 10 feet below original grade. A minimum of 158 sq. ft. effective absorbant sidewall area per bedroom needed. Trenches can not exceed 100 feet in length. Distribution box to be used if more than 1 trench used. Two inspections of trenches required - before and after stone installed. If more than 1 trench used - need to have 15 feet distance between trenches, center to center. Run trenches on contour. LOCATION: Start trenches at a point 10 feet in from left property line and 125 feet from rear property line when facing lot from line N31°36'16"E - 42.9 in length as front of lot.

PLANS APPROVED BY C. B. Streaker DATE 4/14/81

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.

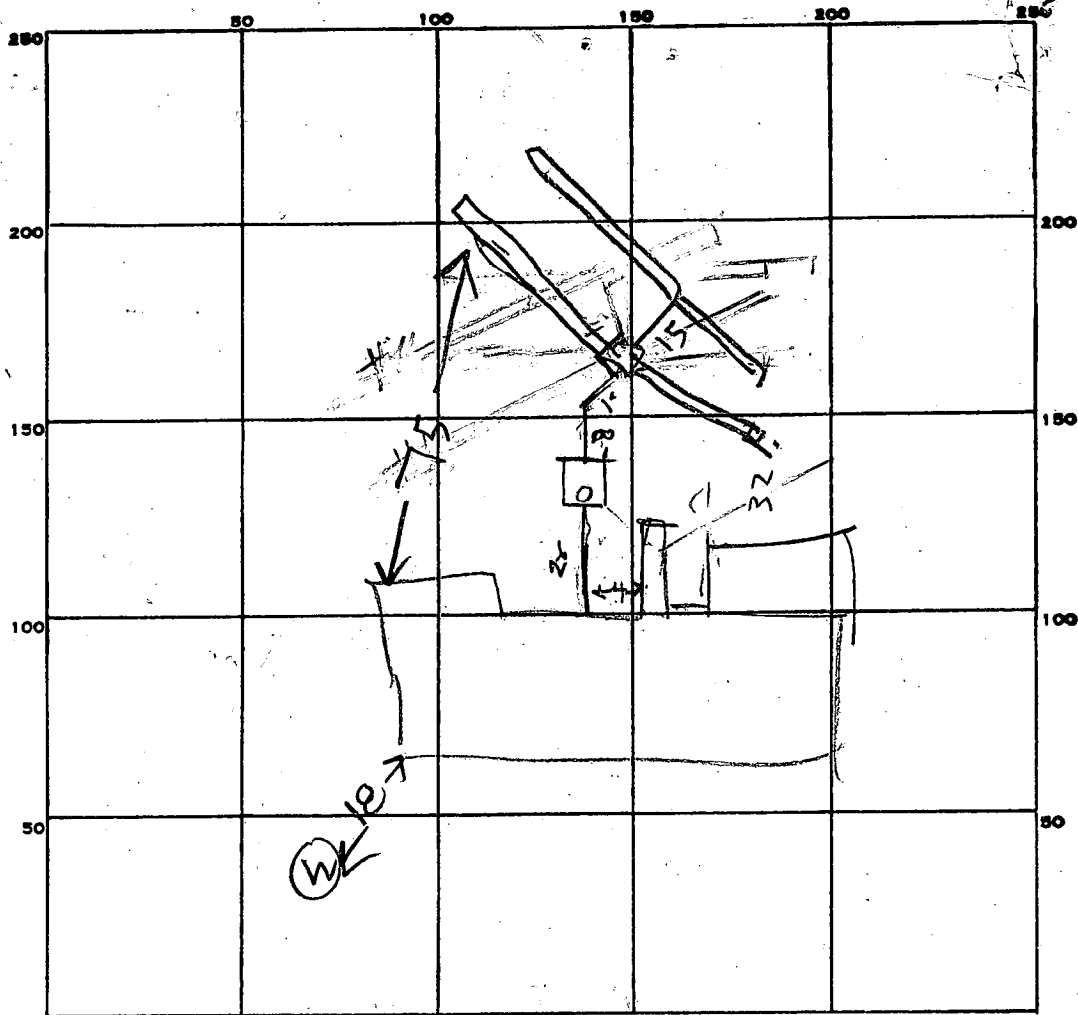
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A
33834
3/10/86



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL OK 1500

CLEANOUTS ST
OK

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH 10/10 FT. TRENCH WIDTH 2

GRAVEL DEPTH		IN.		TOTAL LENGTH		FT.	
#1	#2	#1	#2	#1	#2	TOTAL	
5	5	7		78	79	157	

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 628 ONE SIDE BELOW TOP 6 FT. CUR
783 TOTAL

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 6/25/84 230 4 x 158 = 632 SQ FT NEEDED

ADD MORE STONE TO DITCHES

6/25/84 400 P M BEST OF STONE ADDED BIT

DATE SYSTEM APPROVED 6/25/84

INSPECTOR Raymond Hodge

TALBOT'S LAST SHIFT
HOWARD ASSOCIATES
LILCHESTER ROAD

Lot Number

14B

Septic tank 1 - 3 Bedrooms 1000 gallons
 4 Bedrooms 1250 gallons

Trenches to be 2' wide. Inlet to be ~~3~~⁴' ^{CHANGE OR CUT} below original grade and effective absorbant area from 6' - 10' only. Maximum depth of trenches to be 10' below original grade. A minimum of 158' sq.ft. effective absorbant sidewall area per bedroom needed. Trenches can not exceed 100' in length. Distribution box to be used if more than 1 trench used. Two inspections of trenches required - before and after stone installed. If more than 1 trench used - need to have 15,ft. distance between trenches, center to center. Run trenches on contour.

LOCATION: Start trenches at a point 10' in from left property line and 125' from rear property line when facing lot from line N 31° 36' 16" E - 429.± in length as front of lot.

PRELIMINARY

APPLICATION

12/18/80
9:30 A.M.

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

Septic Tank { 1-3 Bedrooms
4 Bedrooms

A 31066
P 1000 gallons
1250 gallons
DISTRICT 1st
DATE 12/4/80

{ See attached specs }

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 Richard E. Rittermann
ADDRESS 3114 Cresson Avenue
Baltimore Maryland PHONE Don Reuwer - 465-4920
21207

PROPERTY LOCATION:
SUBDIVISION _____ LOT NO. (?) 14B
ROAD AND DESCRIPTION 5045 Ilchester Road

SIZE OF LOT (?) TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ Don Reuwer for Howard Associates
BLDG. PERMIT SIGNED AND RETURNED 3/1/84
Serial # 57603

APPROVED BY C. B. Skinner FOR Treasurer DATE 4/14/81

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 12/12/80 Need 1 high hole usual 4/10
test between (2+8) + (3+4) holes - office N.M.
Hold - also for revised property lines if use area of tests
Op 12/11/80. C.B.S. 12/18/80 1 hole sandy loam 6'-14' C.B.S.

THIS IS NOT A PERMIT

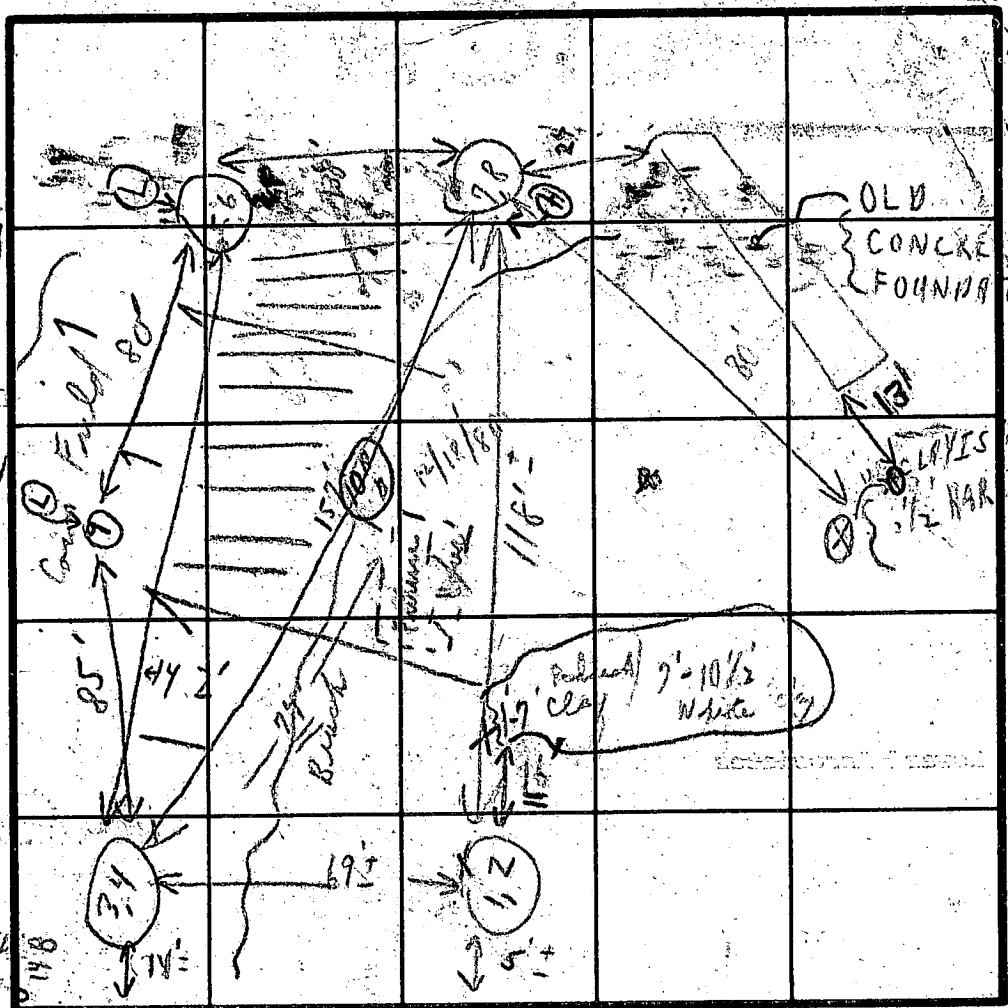
Office 12/22/80 Discussed with Mr. Skinner old perc area but must change procedure. See C.B.S. + F.S.

140

SOIL PROFILE



FIELD SHEET TESTS NEAR MARKER



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SOIL PROFILE
 1'-4" CLAYD
 SOME SAND
 1'-4" clay
 1'-5" SAND + CLAY
 1'-3" SAND
 SAND
 1'-6" clay
 6'-6 1/2" - 10 1/2" sandy
 1'-2" SAND
 3/2"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
12/1/80	1	4'	1:00	1:04	1:04	1:14	10 min
	2	8 1/2'	1:00	1:14	1:14	1:14	1/4" to 1/2"
	3	4 1/2'	1:13	1:15	1:15	1:20	5 min
	4	9'-5" A	1:10	1:17	1:17	1:20	3 min
	5	3 1/2'	1:35			1:36	12 min
	6	9'	1:35			1:36	12 min
	7	6 1/2'	1:42	1:43	1:43	1:48	5 min
	8	10 1/2'					
	9	3'	2:54	2:54	2:54	2:56	2 min
	10	12 1/2'					
	11						
	12						
	13						

REMARKS: TESTS IN AREA OF SMALL TREES & BRUSH. HOLD FOR CERTIFIED HOLES.

TYPE OF SOIL: C. B. S.
 TESTED BY: C. B. S.
 ALSO PRESENT: 3 LETTER MAPS

PRELIMINARY

APPLICATION

A 31066

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 1st

DATE 12/4/80

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 Don Reuwer - 465-4920

PROPERTY LOCATION _____

SUBDIVISION _____ LOT NO. (?) 148

ROAD AND DESCRIPTION Ilchester Road

SIZE OF LOT (?) TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ Don Reuwer for Howard Associates

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

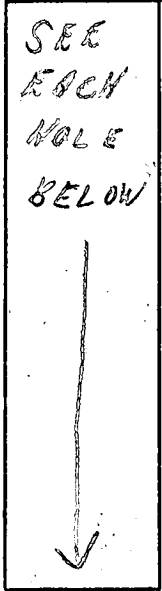
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

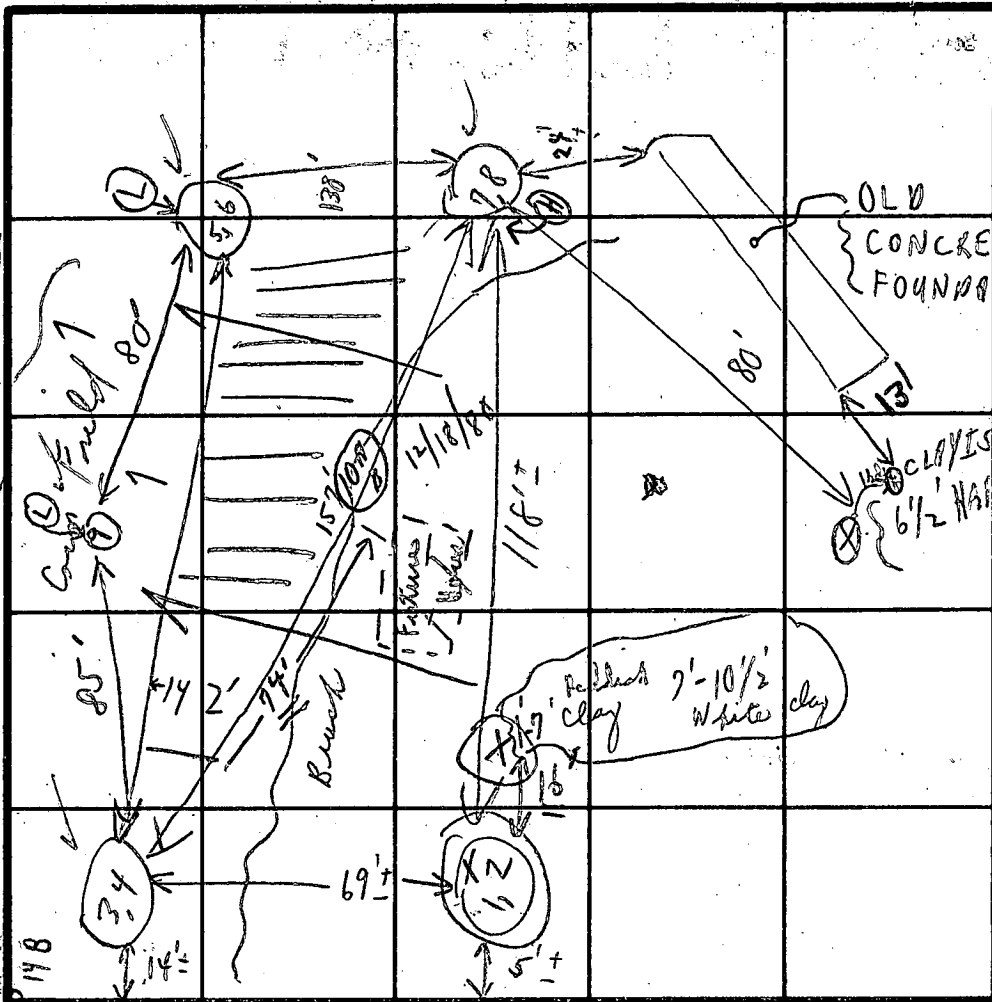
THIS IS NOT A PERMIT

Hand 148
 1/10/100

SOIL PROFILE



FIELD SHEET TESTS NEAR MARKED REGION



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

1'-4' CLAYED
 SOME GRAVEL TO CLAY!!
 1'-4' clay
 7 1/2 - 9 1/2"
 LOAM + SAND
 1'-3' clay
 SAND
 1'-6' clay
 6 1/2 - 10 1/2"
 Sandy - 18"
 1'-3' clay
 12/10/100
 1'-6' clay
 Sandy

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/10/100	1	4'	1:00	1:04	1:04	1:14	10m
	2 (X)	8 1/2'	1:00	1:14	1:14	1:14	4 X 1/4" to 1/2"
	3	4 1/2'	1:13	1:15	1:15	1:20	5m
	4	9'-5" (X)	1:13	1:17	1:17	1:20	3m
	5	3 1/2'	1:35	1:35	1:35	1:36	1/2m
	6	9'	1:35	1:35	1:35	1:36	1/2m
	7	6 1/2'	1:42	1:43	1:43	1:48	5m
	8 (H)	10 1/2'	1:4	Sandy	spongy	to 6 1/2'	14'
	9 A	3'	2:52	2:54	2:54	2:56	2m
	9 B	17 1/2'		Van	Loam		
12/10/100	10 A	6'		Sandy			
	10 B	14'		LOAM	Conif		

Dug to 10 1/2' solid hard
 Dug to 14'
 8" away
 125' away
 16

REMARKS: TESTS IN AREA OF SMALL TREES + BRUSH HOLD FOR CERTIFIED HOLES

TYPE OF SOIL: _____

TESTED BY: C. B. D.

ALSO PRESENT: { 3 KETTERMAOS

B 1 11833 SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

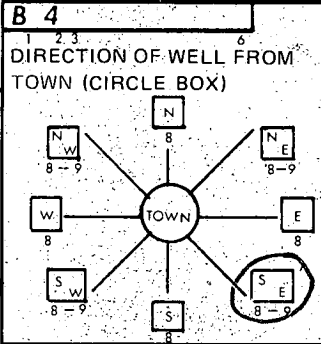
STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

WRA PERMIT NUMBER
40-73-3875
fill in this form completely

DATE RECEIVED 6/1/81
6/15/81 8 (WRA USE ONLY) 13
9:30 OWNER INFORMATION
Ritterman Rich
LAST NAME OWNER FIRST NAME
3114 Cresson Ave.
STREET OR RFD
Baltimore Md. 21207
TOWN STATE ZIP

B 3 LOCATION OF WELL
COUNTY Howard
SUBDIVISION Talbot's Past Shift
SECTION B LOT parcel 14 B
NEAREST TOWN Front Hill
MILES FROM TOWN (enter 0 if in town) 1 MI

B 1 CONTINUED DRILLER INFORMATION
Joseph L. Mayne 238
DRILLER'S NAME LICENSE NO. 80
Frank L. Mayne 6/1/81
SIGNATURE DATE



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
11- NECHESTER RD -
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH NORTH
75
34 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 37 MI 38 39

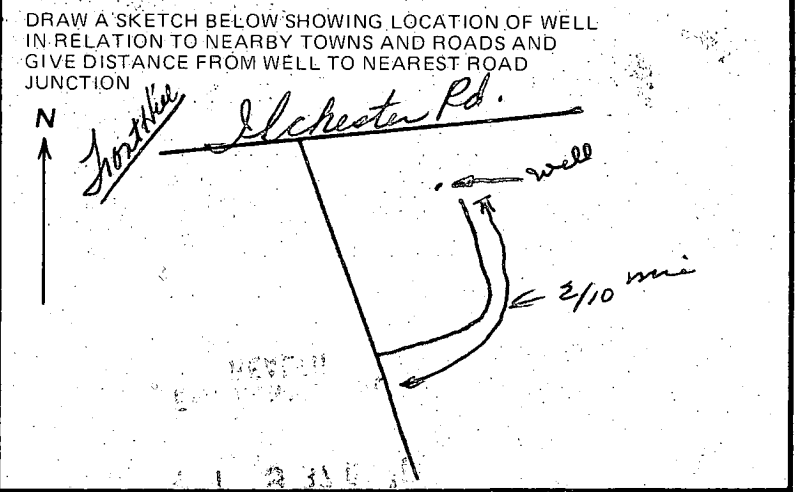
B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 250

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
50' casing
2' above gr.
32' feet
8-bags cement
WRITE THE BOX NUMBER FROM THE MAP HERE
8604
5008
JL 6/15/81

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)

APPROXIMATE DEPTH OF WELL 180 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

Method of Drilling (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC)
CABLE REVERSE ROTARY DRIVE POINT ROTARY
other

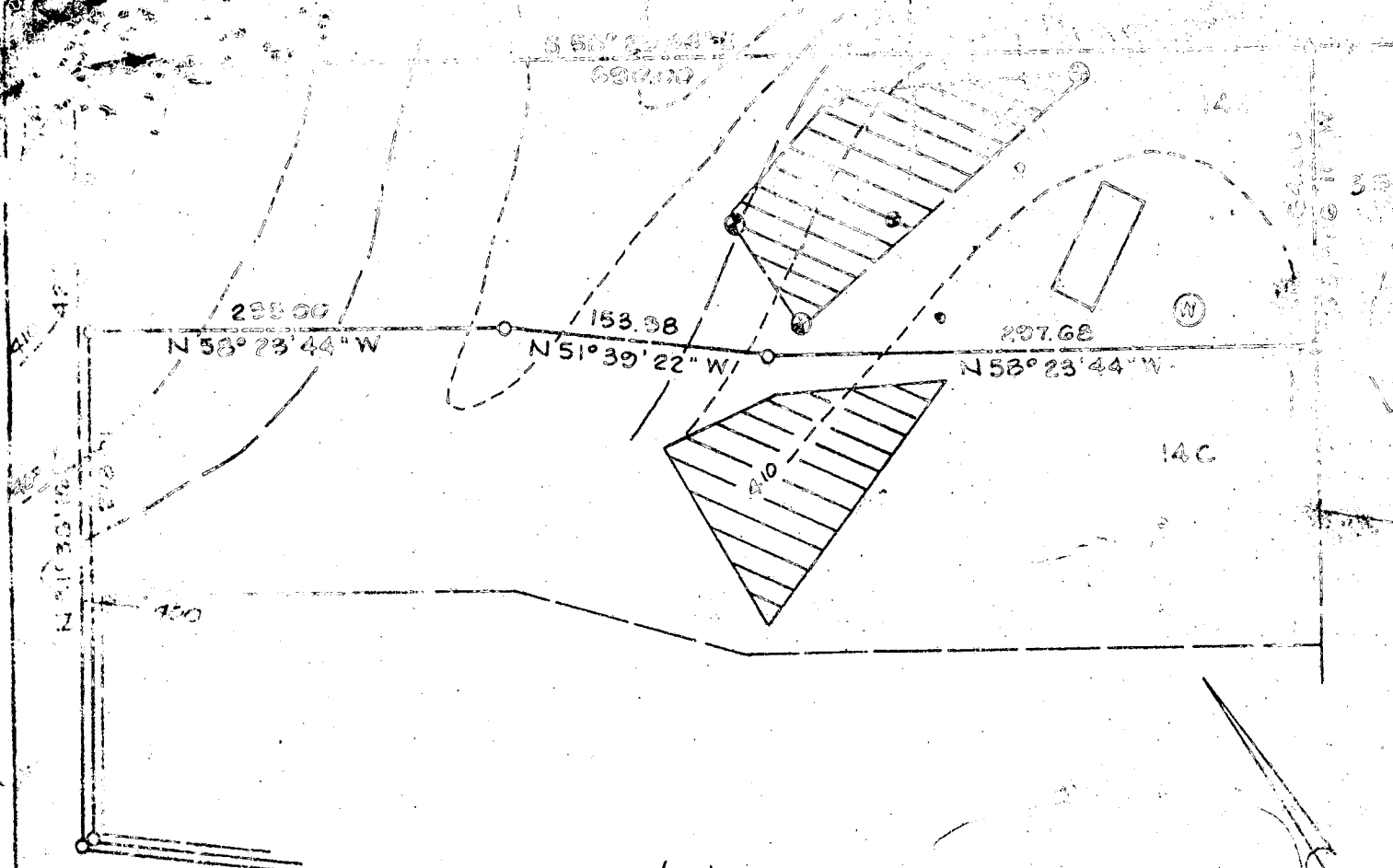


REPLACEMENT OR DEEPEMED WELLS (Circle Appropriate Box)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

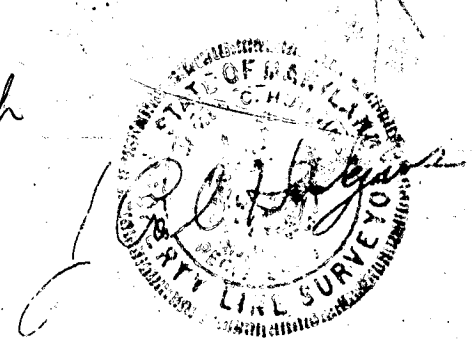
B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A31066
COUNTY NAME COUNTY NO.
EHA SIGNATURE STATE HEALTH CIRCLE BOX
MO DAY YR 06 02 81
CO SIGNATURE Frank Skinner DATE 6/2/81
NORTH 508 EAST 0864 ELEV. (FT.)
GRID 50 55 GRID 57 63 65 68

Not to be filled in by driller (WRA USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE FS INITIALS IN BOX CONDITIONS 40-73-3875

B 5 SPECIAL CONDITIONS (WRA USE ONLY)



6/2/81
 Well Sketch
 O.K. F.S.



[Hatched Area] 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.

PERCOLATION TEST PLAT
 TRACT 14B
 TALENT'S LAST SHUFF
 PROPERTY OF
 HOWARD ASSOCIATES
 1st Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 2/2/81

APPROVED: For Private Water and Private Sewage Systems
Joseph M. Boyles
 County Health Officer
 3-24-81
 Date

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

RICH RITTERMANN

944-8819 - HOME

3114 CRESSON AVENUE

922-1700 - WORK

BALTIMORE, MD 21207

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 1 9 37 AM '81
DIVISION OF
ENVIRONMENTAL
HEALTH

Date Received (WRA use only) June 15 1981 DATE WELL COMPLETED Depth of Well 300 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-3875

OWNER RITTERMAN last name RICHARD first name STREET OR RD I L CHESTER ROAD TOWN ELLICOTT CITY SUBDIVISION HOWASS (Talbot's Last Shift) SECTION LOT 14B

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	
Sand	0	46	
Gray mica rock	46	300	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY
CEMENT BENTONITE CLAY
NO. OF BAGS 8 NO. OF POUNDS 250
GALLONS OF WATER 48
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 32 ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL CONCRETE
PLASTIC OTHER
MAIN CASING TYPE 3" Nominal diameter top(main)casing (nearest inch) Total depth of main casing (nearest foot) 50

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

SCREEN RECORD
screen type or openhole insert appropriate code below
STEEL BRASS OPEN HOLE
BRONZE PLASTIC OTHER

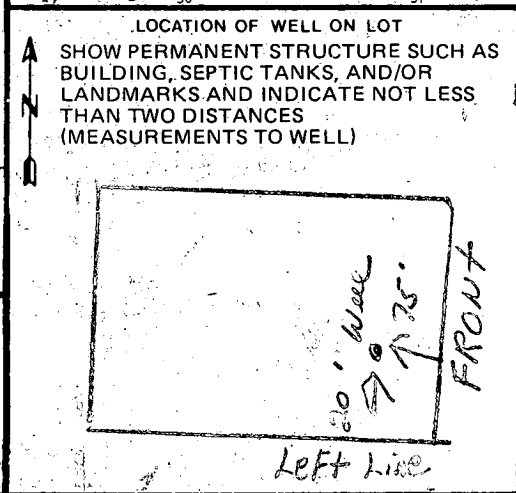
C 2 Seq. no. 1
DEPTH (nearest ft.): 48 300
EACH SCREEN 1 2 3
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (seq no) 1
PUMPING TEST
HOURS PUMPED (nearest hour) 4
PUMPING RATE (gal. per min. to nearest gal.) 4
METHOD USED TO MEASURE PUMPING RATE Man
WATER LEVEL (distance from land surface) BEFORE PUMPING 63 WHEN PUMPING 260
TYPE OF PUMP USED (for test) air piston turbine centrifugal rotary other (describe below) jet submersible

PUMP INSTALLED YES NO
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)
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) 31
PUMP HORSE POWER 37
PUMP COLUMN LENGTH (nearest ft.) 43
CASING HEIGHT (circle appropriate box and enter casing height) above below LAND SURFACE 2 (nearest foot)



CIRCLE APPROPRIATE BOX
 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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.
DRILLERS IDENT. NO. [Signature]
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

3114 Cresson Avenue
Baltimore, Maryland 21207
April 2, 1984

Mr. Frank Skinner
Howard County
Health Department
P.O. Box 476
Ellicott City, MD 21043

Reference: 14B-Talbot's Last Shift;
5045 Ilchester Road

Dear Mr. Skinner,

Per our telephone conversation, I wish to request a waiver of the (30) thirty foot minimum distance between our water well and the house foundation. I understand the reason for the minimum is due to the fact that any chemicals used for termite extermination of the foundation can seep into the well. I am not treating my foundation for termites but plan to use termite shields as you suggested in addition to pressure treated lumber.

Attached is a portion of my drawing showing the relationship of the well to the house which is (16) sixteen feet from the corner.

I appreciate your assistance and look forward to hearing from you.

Best regards,

Richard Rittermann

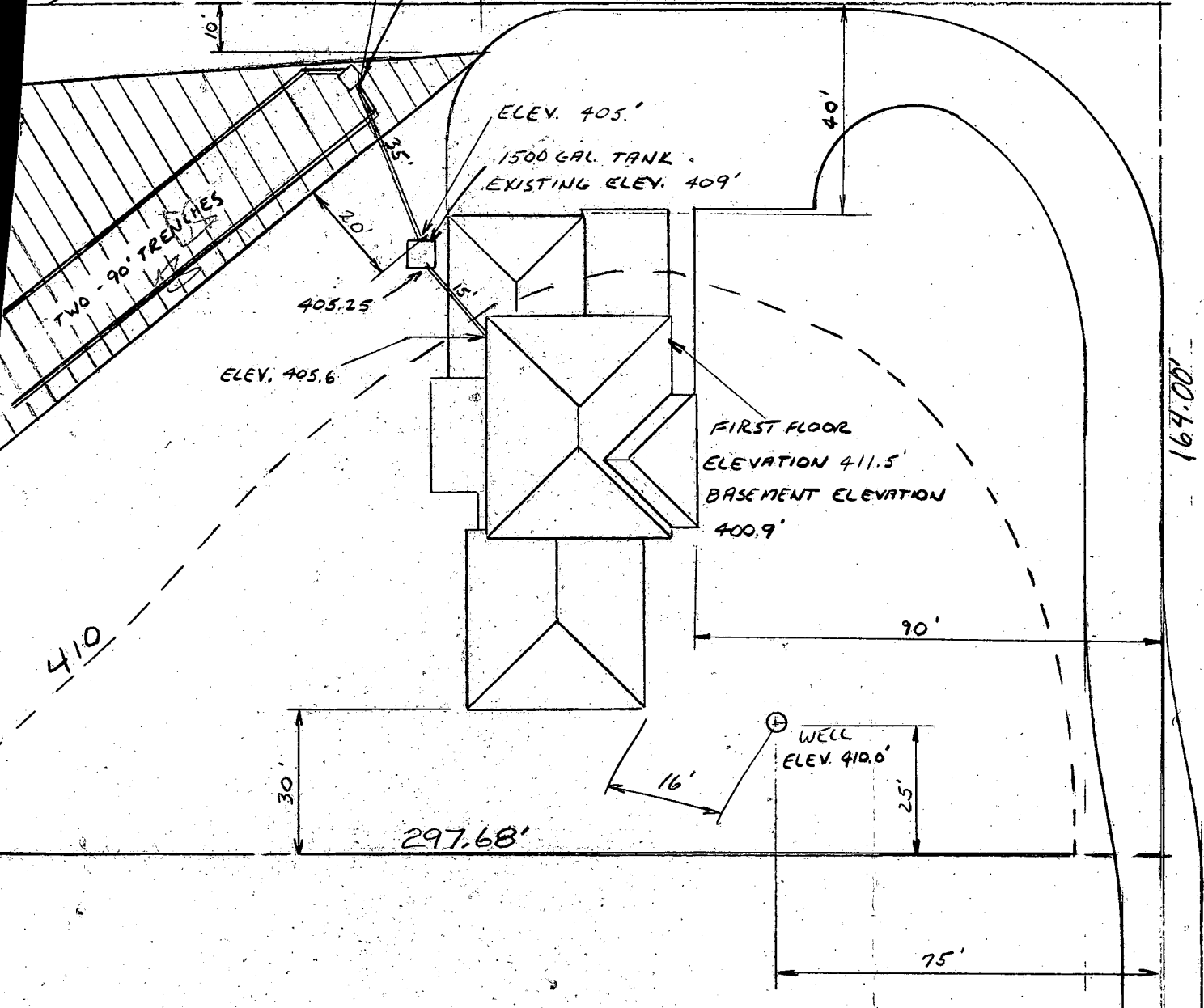
Richard Rittermann

4/17/84 Waiver to reduce 30' requirement to 16' is O.K.

F.S.

ORIGINAL ELEVATION
407.5

405 — DIST. BOX INLET ELEV.
404.5



ELEV. 405.0
1500 GAL. TANK
EXISTING ELEV. 409'

ELEV. 405.6

FIRST FLOOR
ELEVATION 411.5'
BASEMENT ELEVATION
400.9'

WELL
ELEV. 410.0'

164.00

297.68'

90'

25'

75'

30'

16'

40'

TWO 90' TRUNKS

405.25

20'

15'

10'

405

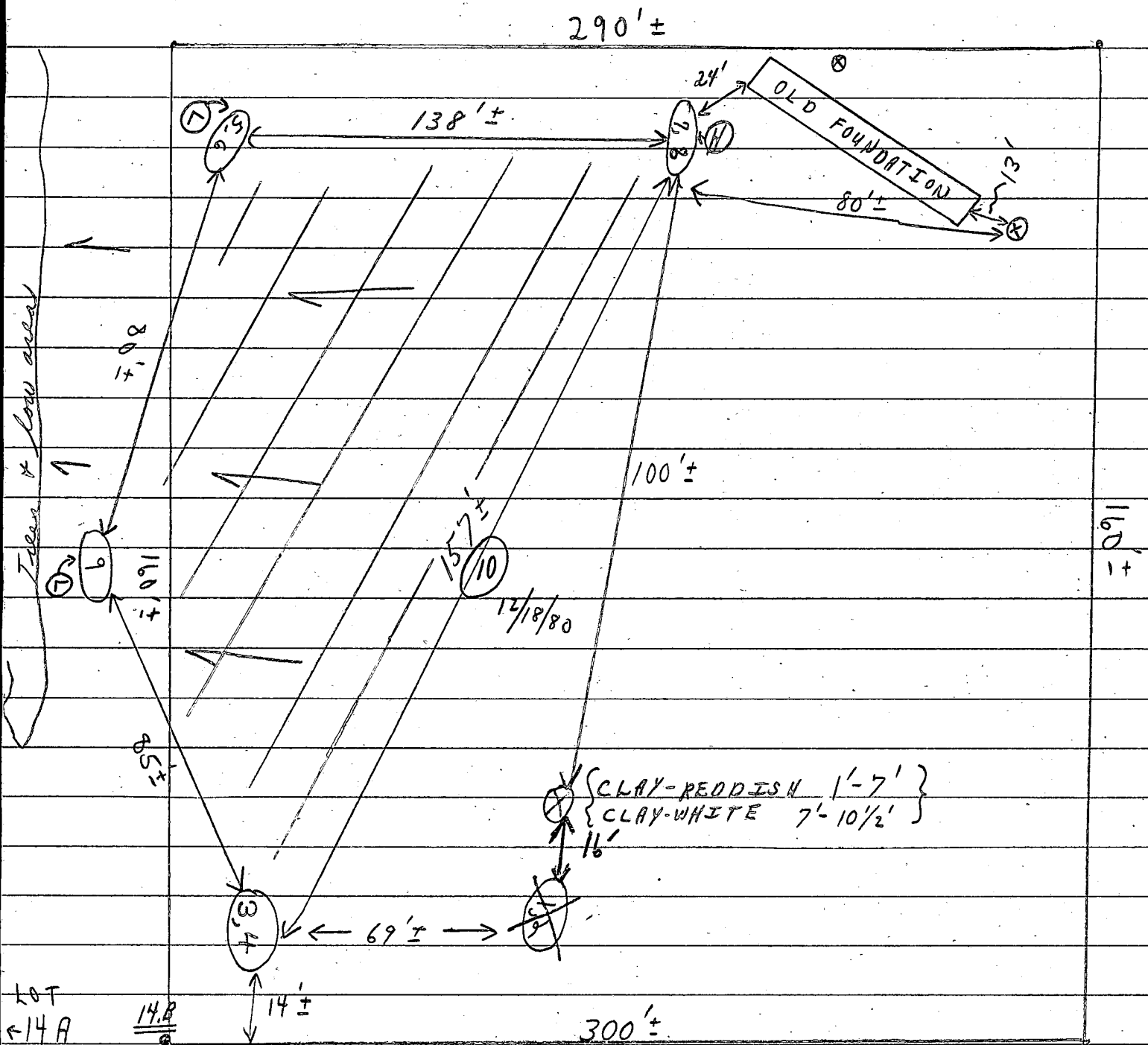
410

14B. Howard Associates - Elchester Road

12/12/80

LOT 14B

Reaccomplished @ office



LOT 14A

14B

14C

NOTES (5)

- (1) (H) = HIGH
- (2) (L) = LOW
- (3) SLOPE ↓ INDICATOR
- (4) (POSSIBLE SEWAGE DISPOSAL AREA)
- (5) HOLES (5+6) + (9) POSSIBLY ON LOT 14A - HOLD FOR CERTIFIED HOLES AFTER OTHER WORK

B 1 11833 SEQUENCE NO. WRA USE ONLY

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER 40-73-3875

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

please print or type

fill in this form completely

DATE RECEIVED 6/1/81 # 6/15/81 9:30 OWNER INFORMATION Rittman Rich LAST NAME 3114 Cresson Ave. BATTENSEA MD. 21207

LOCATION OF WELL B 3 COUNTY Howard SUBDIVISION Talbot's Last Shift SECTION B LOT parcel 14 B NEAREST TOWN Front Hill MILES FROM TOWN 1

CONTINUED DRILLER INFORMATION Joseph L. Mays 238 DRILLER'S NAME Frank L. Mays 6/1/81 SIGNATURE DATE

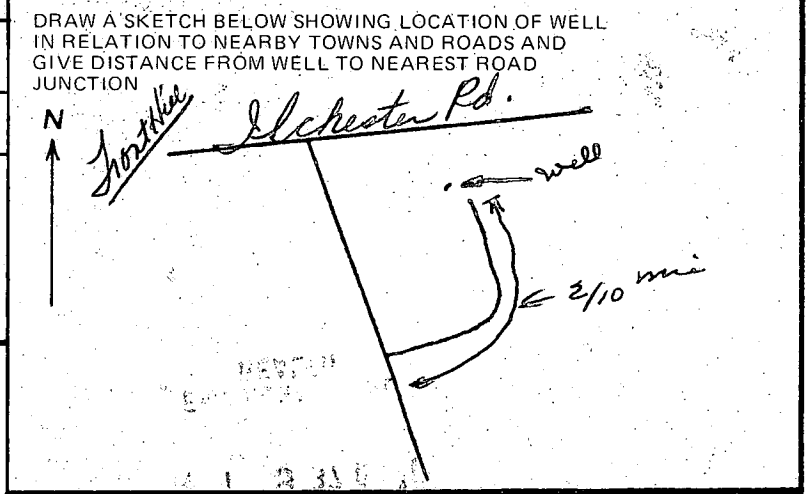
DIRECTION OF WELL FROM TOWN (CIRCLE BOX) S E 75 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) S 34 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 75

WELL INFORMATION B 2 APPROX. PUMPING RATE (GAL. PER MIN) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

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)

SHOW LOCATION OF WELL WITH AN 'X' IN THIS BOX 50' casing 2' above gr. 32' jet 8-bags cement 860 4 500 8 6/15/81

APPROXIMATE DEPTH OF WELL 180 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH



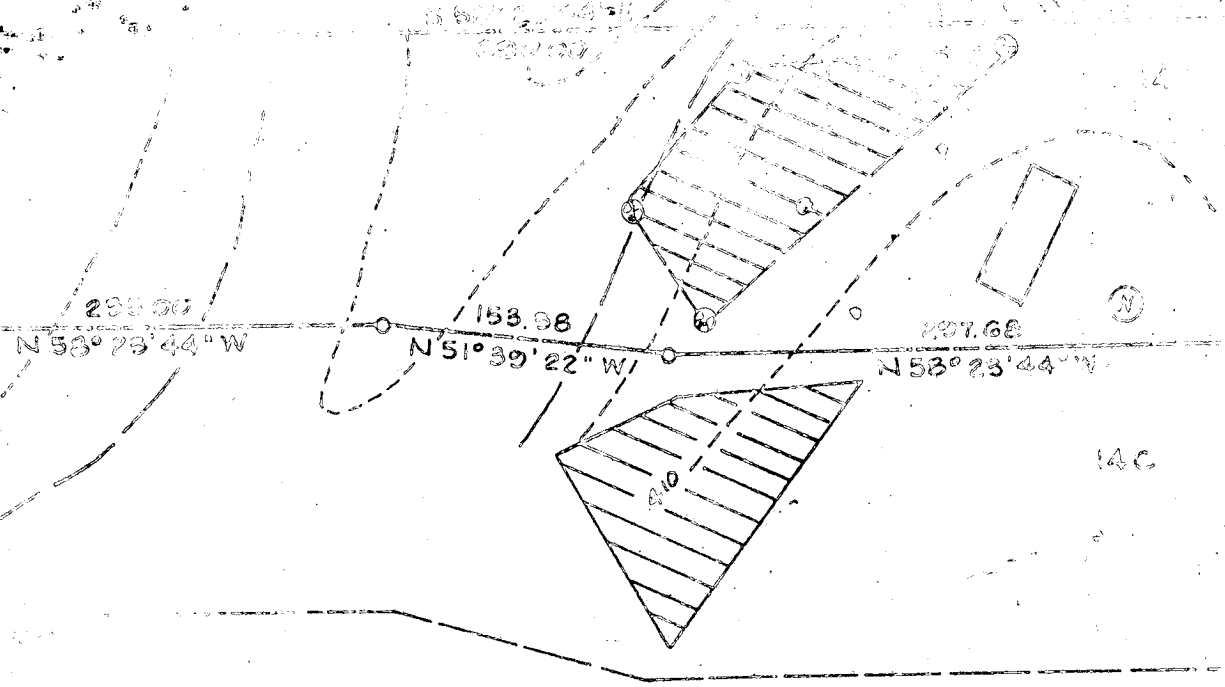
Method of Drilling (circle one) BORED (OR AUGERED) JETTED JETTED & DRIVEN AIR ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC) CABLE REVERSE ROTARY DRIVE POINT other

REPLACEMENT OR DEEPEMED 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 DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD A31066 COUNTY NAME COUNTY NO. EHA SIGNATURE Frank Skinner 6/2/81 STATE HEALTH CIRCLE BOX 5

Not to be filled in by driller (WRA USE ONLY) APPROX. PERMIT NUMBER GAP FORCE FS INITIALS IN BOX CONDITIONS HO-73-3875

SPECIAL CONDITIONS (WRA USE ONLY)



6/2/81
 Well Sketch
 O.K. F.S.



[Hatched Area] 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.

PERCOLATION TEST PLAT

OFFICIAL 14B
 TALENT'S LAST SHIRT
 PROPERTY OF
 HOWARD ASSOCIATES
 1st Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 2/2/81

APPROVED: For Private Water and Private Sewage Systems

J. J. Jones
 County Health Officer

3-24-81
 Date

NTI Associates
 Suite 307, Clark Bldg.
 Columbia, MD 21046
 321-0307

RICH RITTERMANN

944-8819 - HOME

3114 CRESSON AVENUE

922-1700 - WORK

BALTIMORE, MD 21207

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 1 9 37 AM '81
DIVISION OF
ENVIRONMENTAL
HEALTH

Date Received (WRA use only) June 15 1981 DATE WELL COMPLETED June 15 1981 Depth of Well 300 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-3875

OWNER RITTERMAN last name RICHARD first name STREET OR RFD T L CHESTER ROAD TOWN ELLCOTT CITY SUBDIVISION HOWASS (Tahots Last Shift) SECTION LOT 14B

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	
<u>Sand</u>	<u>0</u>	<u>46</u>	
<u>gray mica rock</u>	<u>46</u>	<u>300</u>	<input checked="" type="checkbox"/>

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL CEMENT M BENTONITE CLAY B C
NO. OF BAGS 8 NO. OF POUNDS 252
GALLONS OF WATER 48
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 32 ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER
MAIN CASING TYPE ST Nominal diameter top/main casing (nearest inch) 6 Total depth of main casing (nearest foot) 50

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

SCREEN RECORD
screen type or openhole insert appropriate code below
 ST STEEL BR BRASS BRONZE HO OPEN HOLE
 PL PLASTIC OT OTHER

C2 (Seq. no.)
DEPTH (nearest ft.)
EACH SCREEN 40 48 300

- 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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL" AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO.
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

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

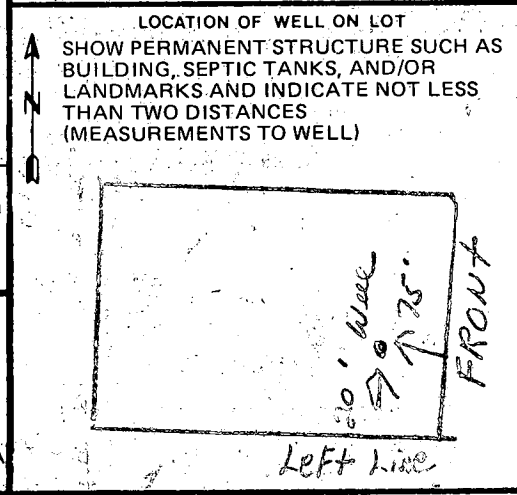
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
TELESCOPE CASING LOG INDICATOR OTHER DATA

C3 (seq no)
PUMPING TEST
HOURS PUMPED (nearest hour) 4
PUMPING RATE (gal. per min. to nearest gal.) 4
METHOD USED TO MEASURE PUMPING RATE Qm
WATER LEVEL (distance from land surface) BEFORE PUMPING 63 WHEN PUMPING 260
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)) 29
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height) above LAND SURFACE below 2 (nearest foot)



3114 Cresson Avenue
Baltimore, Maryland 21207
April 2, 1984

Mr. Frank Skinner
Howard County
Health Department
P.O. Box 476
Ellicott City, MD 21043

Reference: 14B-Talbot's Last Shift;
5045 Ilchester Road

Dear Mr. Skinner,

Per our telephone conversation, I wish to request a waiver of the (30) thirty foot minimum distance between our water well and the house foundation. I understand the reason for the minimum is due to the fact that any chemicals used for termite extermination of the foundation can seep into the well. I am not treating my foundation for termites but plan to use termite shields as you suggested in addition to pressure treated lumber.

Attached is a portion of my drawing showing the relationship of the well to the house which is (16) sixteen feet from the corner.

I appreciate your assistance and look forward to hearing from you.

Best regards,

Richard Rittermann

Richard Rittermann

4/17/84 Waiver to reduce 30' requirement to 16' is O.K.

F.S.

ORIGINAL ELEVATION
407.5

405 — DIST. BOX INLET ELEV.
409.5

10'

ELEV. 405.1'

1500 GAL. TANK
EXISTING ELEV. 409'

40'

TWO 90' TRENCHES

405.25

ELEV. 405.6

FIRST FLOOR
ELEVATION 411.5'
BASEMENT ELEVATION
400.9'

164'.00

410

90'

30'

297.68'

WELL
ELEV. 410.0'

16'

25'

75'

