

17/11/95
10:30 AM
11:30 finish
septic trench

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-334906

P 50752

A REPAIR

DISTRICT _____

DATE 6/26/95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

INDEXED

No New System Installed
(No records on when and by whom Trenches were installed)
R. P. Miller 7/11/95

DATE SYSTEM APPROVED _____

INSPECTOR _____

Arnold Backhoe & Septic Services

IS PERMITTED TO INSTALL _____ ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION _____ LOT _____ ROAD 16457 Frederick Road

PROPERTY OWNER Joe Corbi

ADDRESS 16457 Frederick Road Woodbine, MD 21797

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

125 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 58

125	58
3	
375	65
	3750
	325
	500
	455
	45

REPAIR - PURPOSE - FAILING DRYWELL.

Call for inspection when ground is opened so sanitarian can recommend repair.

Install one 58 ft long Trench, 2 ft wide, Bottom 10 ft, in lot at 3 1/2 ft, 6 1/2 ft stone fill.
Connect repair Trench to existing dry well.

PLANS APPROVED BY R. P. Miller DATE 7/6/95

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

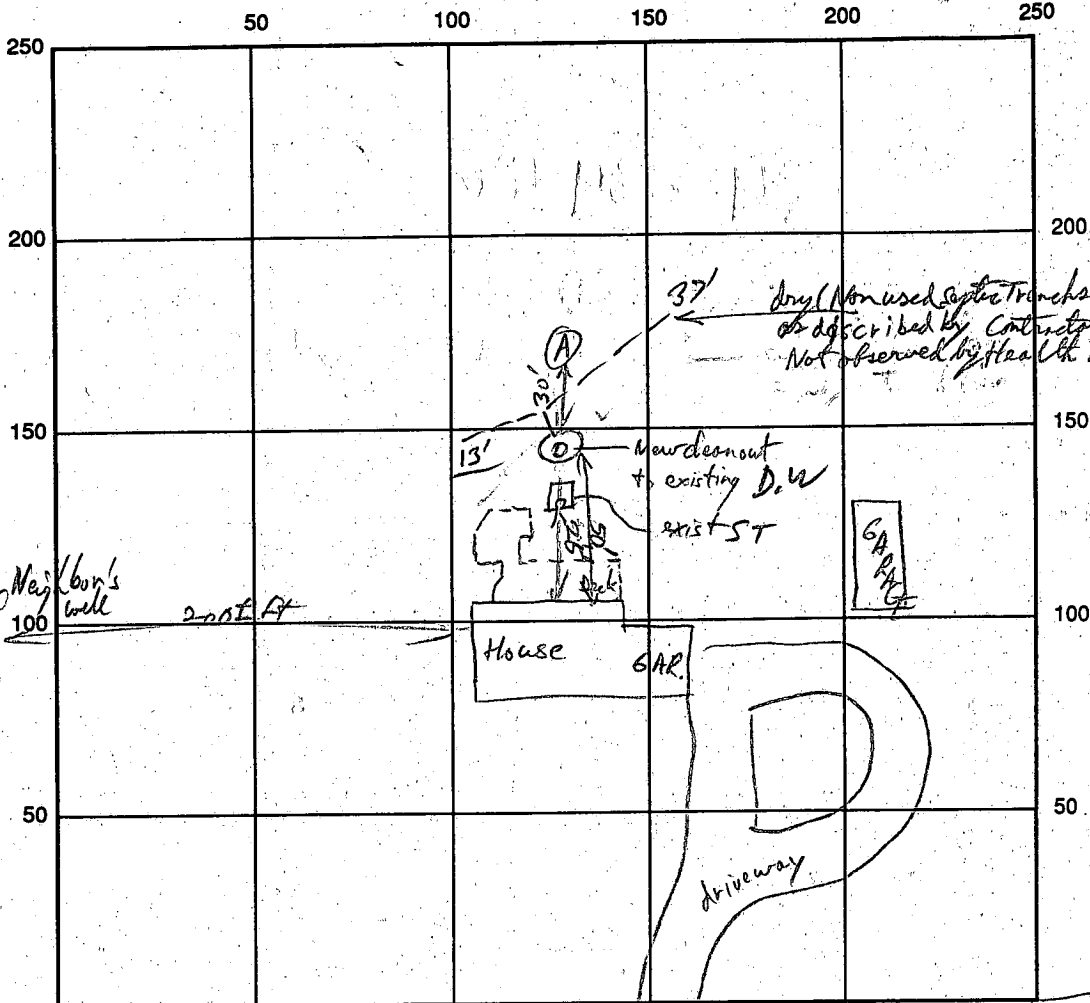
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

Change garage to Family Rm.
Addition
BLDG. PERMIT SIGNED AND RETURNED 3-27-96
Serial # 64136

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

P 50752



← To Frederick Rd (RT 144) INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE put paved driveway

SEPTIC TANK LEVEL existing CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH existing (dry) ch on gravel in place FT. TRENCH WIDTH ? FT. INLET DEPTH ? FT.

EFFECTIVE GRAVEL DEPTH ? FT. TOTAL LENGTH 13/39 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: No New Trenches were installed. Contractor was permitted to lower pipe outlet at dry well to allow use of existing trenches which were described as never having been used. I gave permission for contractor to make pipe connector adjustment, site was covered when I arrived at site. RJP 7/11/95

DATE SYSTEM APPROVED No New System installed INSPECTOR RJP

FAX - 795-0087

BACKHOE & SEPTIC
SERVICE, INC.
P.O. Box 15
WOODSNE, MARYLAND 21797

410-795-7873 301-831-4093

DATE: 7/12/95

FAX#: 313-

COMPANY: Howard Co

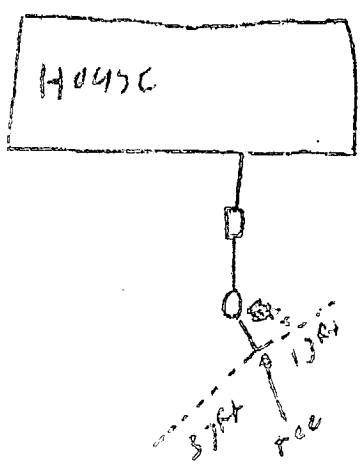
ATTENTION: Rom

REFERENCE: 16457 Frederick Rd

Joe Corbi

PAGES: 1

FROM: Karen / Karen



APPLICATION

HOWARD COUNTY

SERIAL NUMBER

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

64136

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

16457 FREDERICK ROAD
LISBON md 21797

GRADING/SEDIMENT CONTROL YES NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

CHANGE GARAGE IN TO FAMILY Rm.

LOT NO. PARCEL NO. SEC. AREA BLOCK NO. LIBER FOLIO

9 467 WA NA 10

STANLEY JOB DIVISION ~~POPULAR PROP.~~ ZONE ZONE MAP ELEC. DIST. CENSUS TR.

~~POPULAR PROP.~~ RC 7 4 6040

No change in # of Bedrooms

OWNER NAME AND ADDRESS

JOSEPH CORBI
16457 FREDERICK ROAD
LISBON md 21797

PHONE NO.

442-8231

SIZE OF BLDG. FRONT DEPTH HEIGHT

27x24 27' 24' 14'

OCCUPANT'S NAME AND ADDRESS

SAME

PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS

ANTHONY J. IANNIELLO INC

PHONE NO.

252-6211

TYPE OF BLDG. AREA VOLUME ROOF

B. ROOMS
ROOMS
BATHS
FIREPLACES

CONTRACTOR'S NAME AND ADDRESS

G.T BROS Inc
5736 GREENVILLE Rd
SPRINGVILLE md 21794

PHONE NO.

549-1559

UTILITIES WATER/WELL SEWER/SEPTIC GAS ELECTRICITY TYPE OF HEAT AC

EXISTING USE

Single Family HOME

PROPOSED USE

SAME w. TH FAMILY ROOM AIT

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

EST. CONSTRUCTION COST

35,000

LICENSE NUMBER

27990

PERMIT FEE

Pross

TITLE

SIGNATURE

3-27-96

DATE

W/S CODE

FOR OFFICE USE ONLY

Thomas White

DISTANCE IN FEET FROM RW LINE TO FRONT BUILDING LINE

SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

TO SIDE BUILDING LINE DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK (CORNER LOT ONLY)

SDP #

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law. Use and occupancy permit must be applied for two weeks before it will be issued.

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	3/27/96	[Signature]
FIRE PROTECTION		
STORM WATER MGM.		

APPROVED

DATE

LP-69-591

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

Distribution of Copies:
White - Building Official
Green - Planning & Zoning

Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

Plan to convert garage to Family Room for Handicapped resident. See P 50752 for septic repair record at this address

MD. ROUTE 144

HOUSE DETAIL

SCALE: 1"=30'

6" RETAINING WALLS

WOODEN SPLIT-RAIL FENCE

CONC. WALK

CONC. PORCH: 6.6' x 2.8'

1 STORY BRICK AND VINYL SIDING

4.5' CONC. PAD

10.4' x 10.4' CONC. PAD

WOODEN STEPS 10.0' x 4.0'

CHIMNEY 2.0' x 5.4'

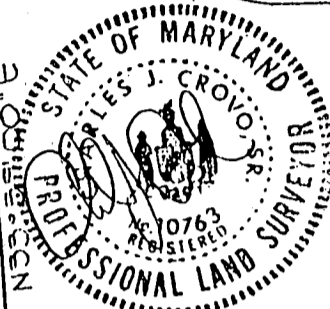
WOOD DECK

(3) WOOD STEPS 30' x 10'

WOOD DECK

(1) WOOD STEPS 7.0' x 1.0'

(6) WOOD STEPS 6.0' x 1.0'



Subject property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of Howard County, Maryland, Panel No. 7 of 45 Community Panel No. 240044007B Effective date: December 4, 1986

SCALE: 1"=100'

N 54° 33' 29" W 400.29'

12' GRAVEL DRIVE

SEE HOUSE DETAIL

MAC. DRIVE

27.5' x 40.5' ALUMINUM BARN

LOT 9

N 54° 33' 29" W 485.22'

BSL - BUILDING SETBACK LINE

16457 FREDERICK RD.

This is to certify that I have surveyed the property known as: LOT 9 OF STANLEY MILLER PROPERTY"

RECORDED AS PLAT # 3721 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

for the purpose of locating the improvements thereon, and the improvements are located as shown.

Signed this 31st day of SEPTEMBER, 1972

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS 971 BALTIMORE NATIONAL PKW. SUITE 100 ELLICOTT CITY, MARYLAND 21042 (301) 481-2855

This plat is not intended for use in the establishment of property lines.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE 5/26/81

P 31397

A 30934

INDEXED

Mr. John R. Boetker, Jr

IS PERMITTED TO INSTALL ALTER

ADDRESS 14986 Bushy Park Rd, Woodbine, Md. 21797 PHONE 854-6087

SUBDIVISION (Stanley Miller Prop) 16457 ROAD Route 144 LOT 9

PROPERTY OWNER Same Joseph Corbi

ADDRESS Route 144

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT, SIDE-WALL AREA 150 SQ. FT. per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 8 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 200 FT. FROM front LOT LINE AND 170 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM the road.

DRY WELL & TRENCH

The front lot lines is the lot line running along the right away. The dry well will be constructed 15 ft. x 15 ft. square for a sidewall area of 300 sq. ft. Begin the trench 5 ft. from the edge of the dry well. The trench will be dug 2 ft. wide, 8 ft. deep, 38ft (3 bedroom) long, and contain 4 ft. of stone. The trench will follow the countour of the land. Two (2) inspections

PLANS APPROVED BY Raymond Hodges DATE 5/14/81

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

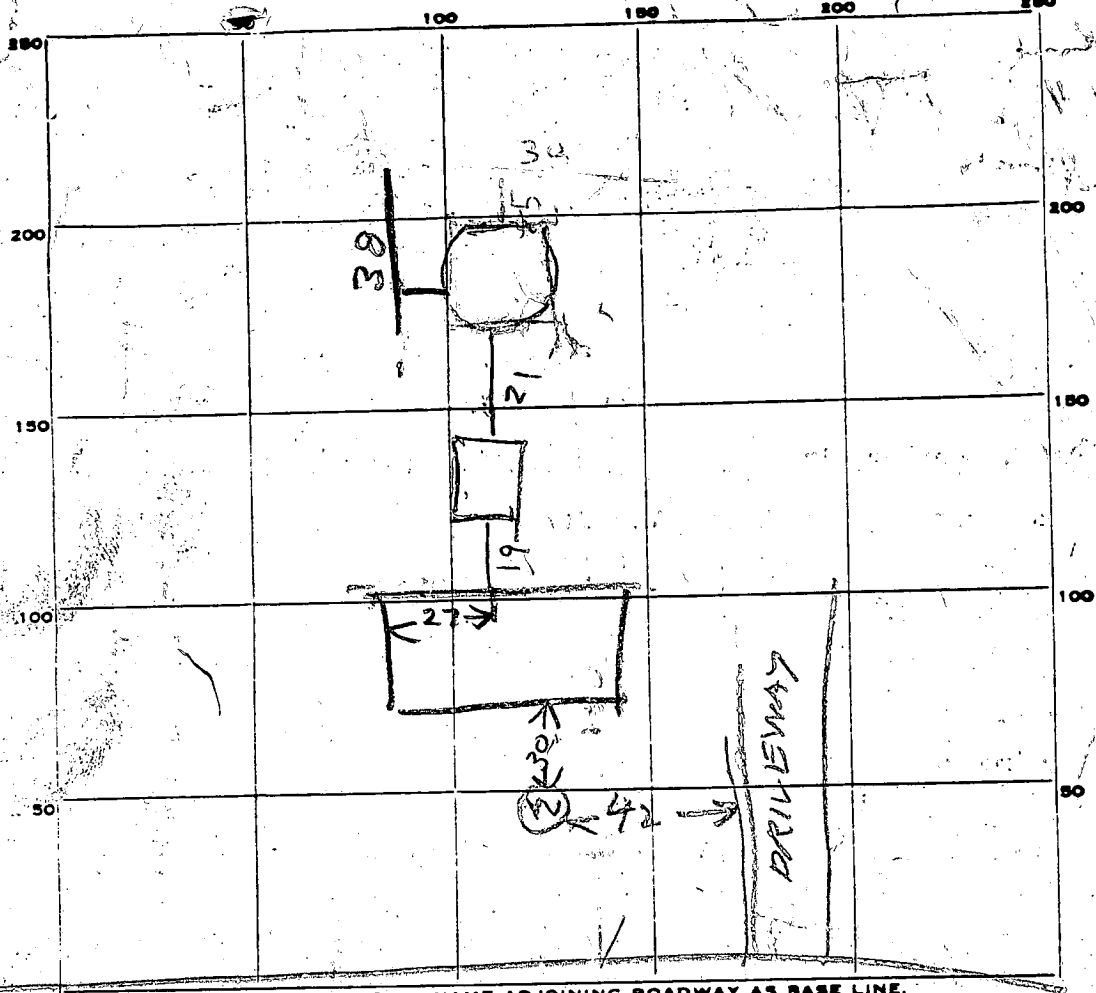
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

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

A 30934



INDICATE NORTH. NAME ADJOINING ROADWAY AS BASE LINE.

TO ROUTE 144 *R/W*

PERMIT CARD

ST	DW
NO	NO

SEPTIC TANK, LEVEL OK 1250
TOP 2 FT B.O.G.

CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5' IN. TOTAL LENGTH 38 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 190

SEEPAGE PITS, ~~INSIDE DIAMETER~~ PERIMETER 55 FT. DEPTH BELOW INLET 5 FT.

ABSORBENT AREA 4655 SQ. FT.

REMARKS 7/20/81 - LOCATION OK PER PLANS
DW + INLET 3 FT B.O.G. INLET TO DITCH 2 1/2
FT B.O.G. OK TO COVER TANK ADD STONE TO DITCH &
MAKE FORM FOR CONCRETE LID FOR DRY WELL R/W
7/28/81 OK to cover trench. DW top from OK. Call when
dry well top ready. JS 6-19-85 hurriedly inspected OK below

DATE SYSTEM APPROVED 6-19-85 INSPECTOR SMel

150
3
450
275
75

38 275
190
465

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30934
P _____

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

DISTRICT 4th

DATE 9/16/80

BLDG. PERMIT SIGNED
AND RETURNED 6/15/81
Serial # 46702

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 Henry K. Roesemann (Contract Purchaser - John R. Boetker, Jr.)

ADDRESS 14986 Bushy Park Road, Woodbine, Md. 21797 PHONE RMX 854-6087

PROPERTY LOCATION Ms. Boetker 854-6087

SUBDIVISION formerly Stanley Miller property LOT NO. 9

ROAD AND DESCRIPTION Route 144

SIZE OF LOT 5.08 acres 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 John R. Boetker Jr. 9/16/80

APPROVED BY Raymond Mudge FOR D. Patch DATE 5/14/81

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/2/80 - FF SAID HOLD FOR CERTIFIED
HOLE PLAT RH / 5/14/81 FINAL PLAT HAS BEEN
SIGNED RH

38
+95
133

THIS IS NOT A PERMIT

APPLICATION

Page 2

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30939
P _____

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

DISTRICT 4TH
DATE 9/16/80

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 H ROESEMAN

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION STANLEY MILLER DEV LOT NO. 9

ROAD AND DESCRIPTION RT 144 Lisbon

SIZE OF LOT _____ TYPE BLDG. _____

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 _____

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9/29/80 Hold for Review with FF R.H.

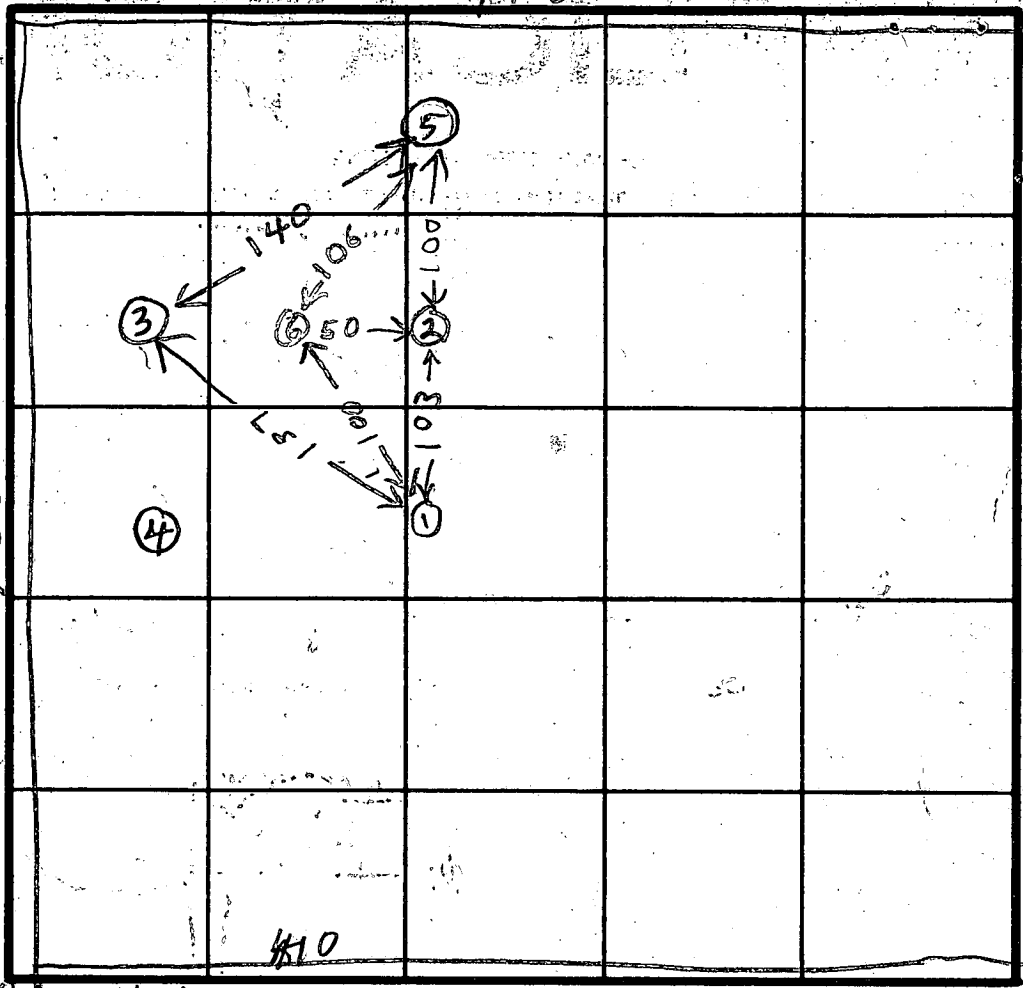
THIS IS NOT A PERMIT

410

SOIL PROFILE



400



495

410

← TO RE 144

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

R/W

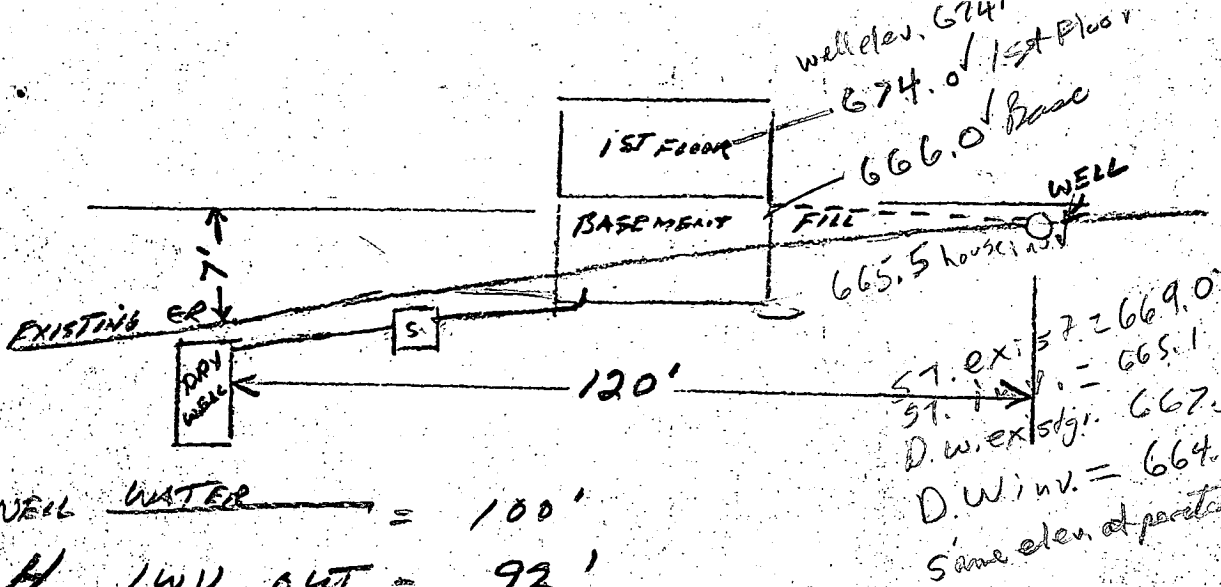
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/29/80	5V	12	ALL	SANDY & SHALEY			
9/29/80	6V	12	TOP	4 FT CLAY			
			BOT	3 FT SANDY SHALEY			

REMARKS certify location & Elevation of holes

TYPE OF SOIL copy to John Boetker

TESTED BY R HODGETS

ALSO PRESENT JOHN BOETKER BOYER



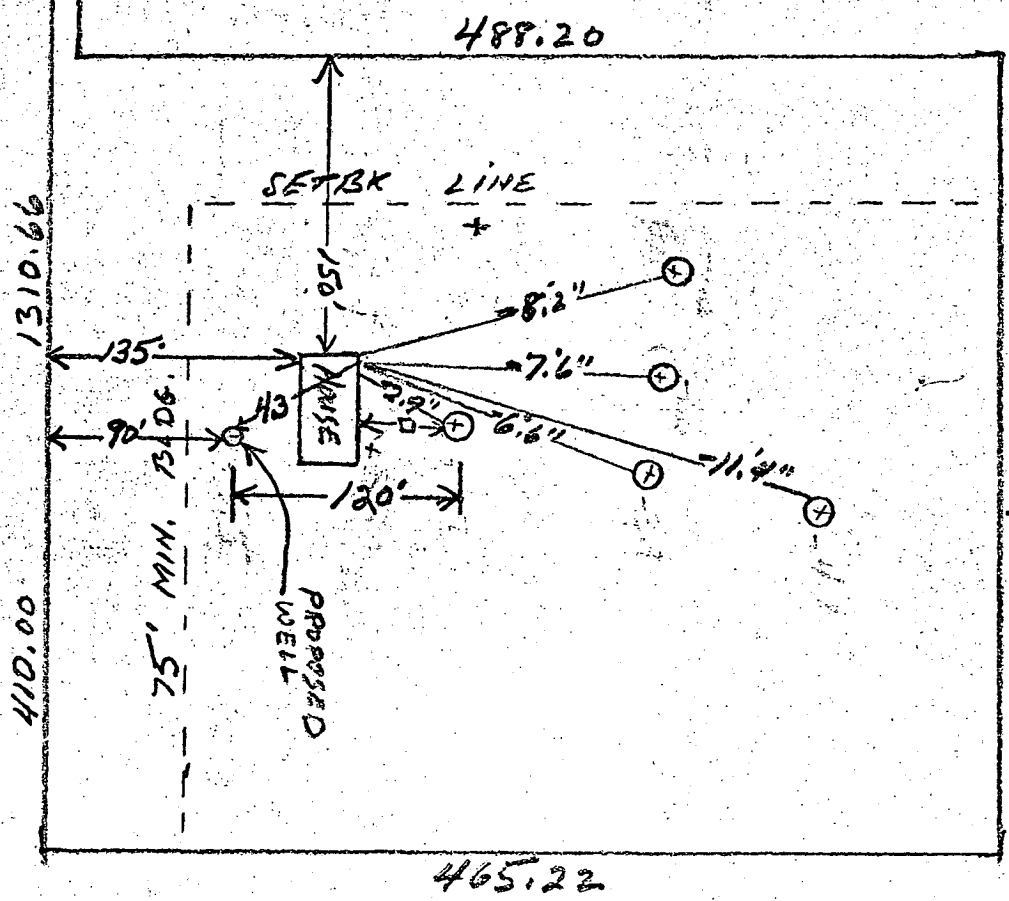
TO ATTAIN

WELL WATER = 100'

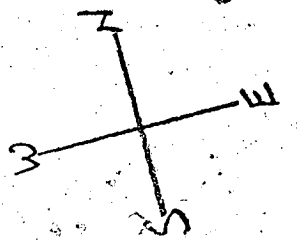
H. 1WV OUT = 92'

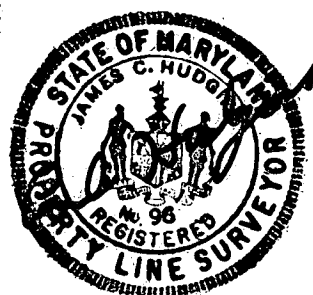
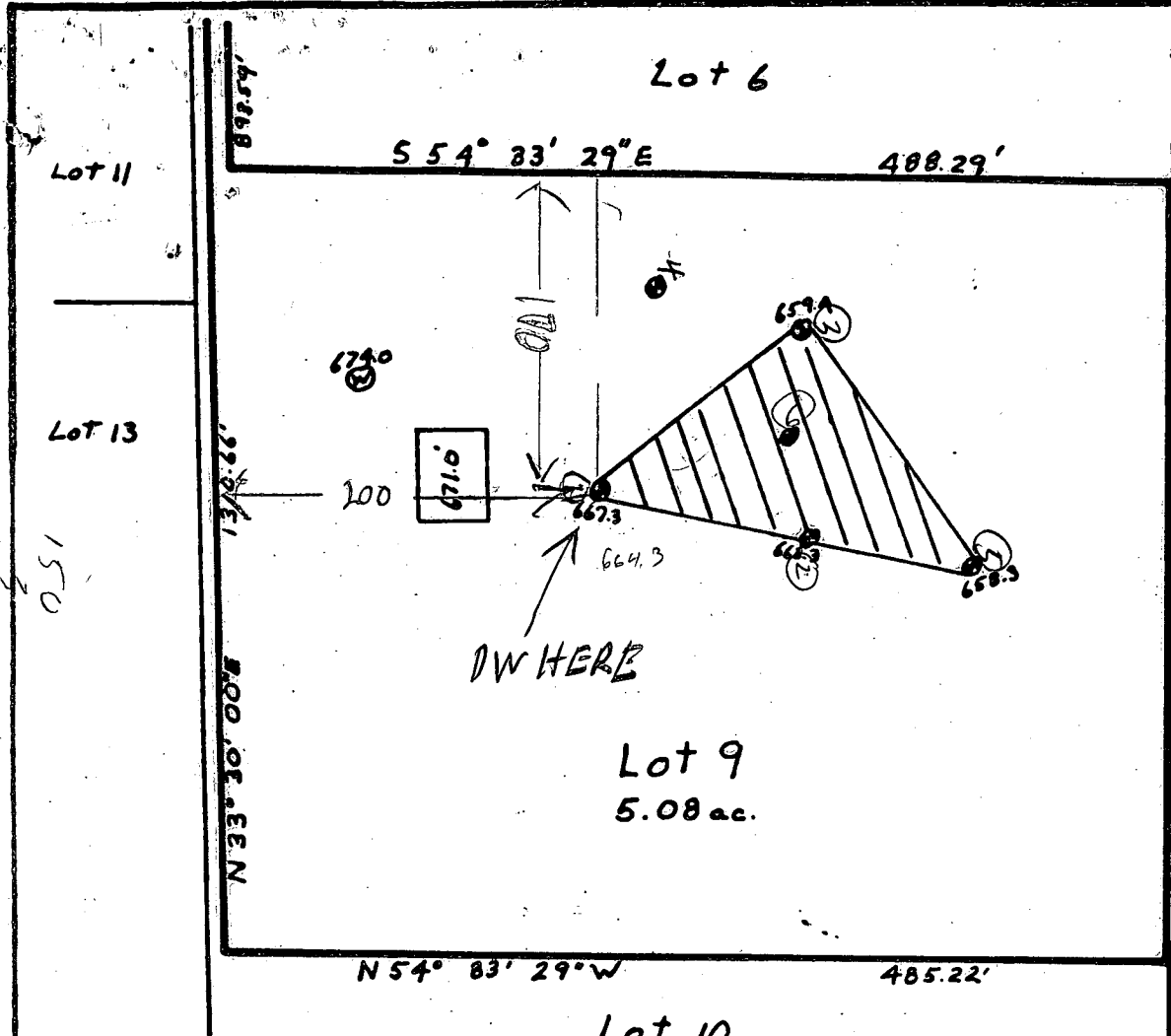
TANK IN = 91' John Boetker


DRY WELL IN = 89.5' Lot 9



5.08 ALP
 SCALE: 1"=100'
 LANDS OF STANLEY MILLER
 338-237





 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
 LOT 9
 Stanley Miller Property
 Plat Book 27/Folio 22
 Deed 1023/218
 4th Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 4/23/81

APPROVED: For Private Water and Private Sewage Systems
James M. Boyles 5-13-81
 County Health Officer Date

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

STANLEY D MILLER
338-237

16
582 Ac ±

12
500 Ac ±

500 Ac ±

N 02° 40' 12" E
100.90'

N 24° 51' 12" W 907.68'

S 05° 12' 31" E
250.00'

N 01° 32' 30" W
929.50'

S 03° 12' 31" E
350.00'

18
500 Ac ±

15
685 Ac ±

11
723 Ac ±

Sold

7
6.18 Ac ±

142.58
600.00

N 32° 40' 12" E
615.50'

N 32° 40' 12" E
918.00'

N 32° 40' 12" E
920.08'

472.55
600.00

N 55° 10' 23" W
977.87'

N 57° 13' 43" W
350.47'

N 57° 13' 43" W
350.47'

N 57° 13' 43" W
372.03'

142.58
600.00

6
5.10 Ac ±

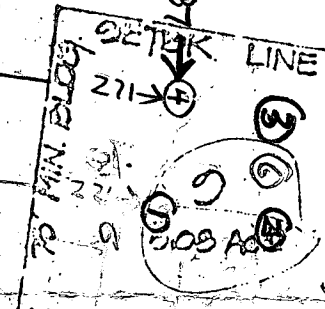
N 54° 33' 22" W
782.40'

N 32° 40' 12" E
742.88'

17
502 Ac ±

14
501 Ac ±

13
570 Ac ±



N 54° 33' 22" W
485.22'

N 87° 05' 00" E
772.16'

N 22° 40' 12" E
670.01'

N 22° 40' 12" E
1612.04'

N 22° 40' 12" E
731.00'

N 33° 23' 00" E
731.00'

N 33° 50' 00" E
710.00'

SETRK LINE
Sold
10
5.01 Ac ±

MERBLE A. PICKETT
355-321

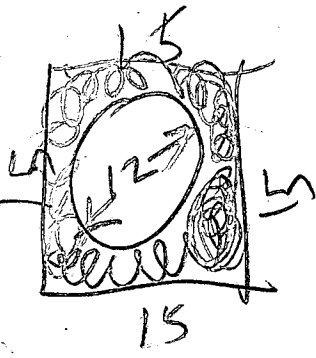
1492.08
WARREN STREAKER
308-436

N 15° 03' 55" E
924.10'

N 75° 04' 40" E
1007.03'

N 75° 04' 40" E
1007.03'

N 75° 04' 40" E
1007.03'



9
7
2

C1 8293 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

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

COUNTY NUMBER **A 30934**

Date Received (WRA use only) **MAY 28, 1981**
DATE WELL COMPLETED

Depth of Well **205**
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-73-3920

OWNER: **BOETKER JOHN, JR.**
STREET OR RD: **Md. Rte. 144** TOWN: **LISBON**
SUBDIVISION: **Stanley Miller property** SECTION: _____ LOT: **9**

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	
Brown shale	2	50	✓
Brown slate	50	60	
Blue slate	60	75	
Brown slate	75	80	✓
Blue slate	80	205	

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS **18** NO. OF POUNDS **1800**
 GALLONS OF WATER **108**
 DEPTH OF GROUT SEAL (to nearest foot) from **0** ft. to **62** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 STEEL CONCRETE
 PLASTIC OTHER
 MAIN CASING TYPE Nominal diameter top(main)casing (nearest inch) **6** Total depth of main casing (nearest foot) **63**

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

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

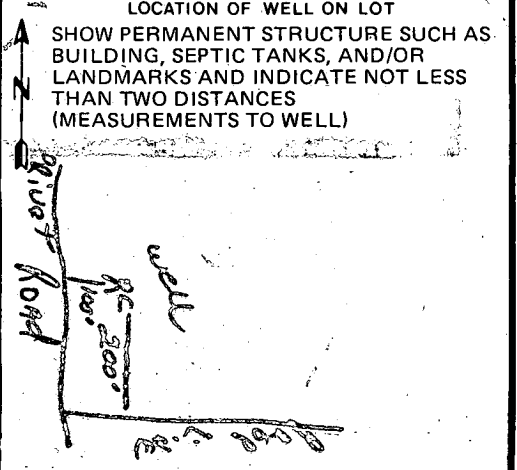
DEPTH (nearest ft.)
 1 **62** 2 **205**
 SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN (NEAREST INCH) _____

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 _____

PUMPING TEST
 HOURS PUMPED (nearest hour) **6**
 PUMPING RATE (gal. per min. to nearest gal.) **5**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **45** WHEN PUMPING **205**
 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) YES NO
 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) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (nearest ft.) _____
 CASING HEIGHT (circle appropriate box and enter casing height) above LAND SURFACE _____ (nearest foot) below _____



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. **273**
Ralph E. Mayne
 DRILLERS SIGNATURE
 (MUST MATCH SIGNATURE ON APPLICATION)
Ralph E. Mayne
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELICOTT CITY, MD.
JUN 19 9 26 AM '81

16349
old Frederick Rd.
19 A-D

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 22 9 25 AM '81
DIVISION OF
ENVIRONMENTAL
HEALTH

B 1 6283 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
140-73-3920
fill in this form completely

DATE RECEIVED 5-19-81
(WRA USE ONLY) 13
OWNER INFORMATION
Boetker John JR
14986 Bushy Park Rd.
Woodbine Md. 21797

B 3 LOCATION OF WELL
COUNTY Howard
SUBDIVISION STANLEY MILLER LAND
SECTION none LOT 9
NEAREST TOWN Lisbon
MILES FROM TOWN I

B 1 CONTINUED DRILLER INFORMATION
Ralph Mayne 273
DRILLER'S NAME 77 LICENSE NO. 80
Ralph Mayne 5118181
SIGNATURE DATE

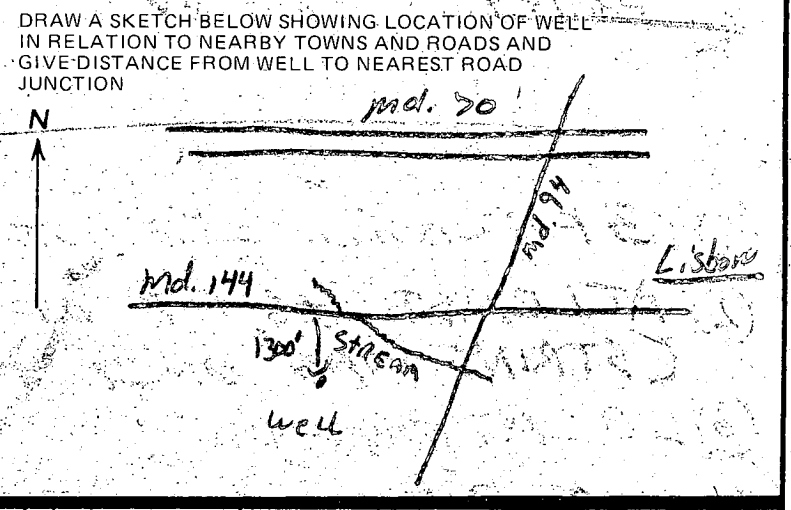
B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD Md. 144
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 1300

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)
 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)

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
5/28/81
WELL OK
SEE OTHER SIDE
R.H.
770 9
540 7

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 ROTARY
other



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

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A30934 COUNTY NO.
EHA SIGNATURE STATE HEALTH CIRCLE BOX
MO DAY YR 05 19 81
CO SIGNATURE Frank Skimmer DATE 5/19/81
NORTH 547 EAST 077 ELEV. (FT.)
GRID 50 55 GRID 57 63 65 68

Not to be filled in by driller (WRA USE ONLY)
APPROP. PERMIT NUMBER GAP
WRITE INITIALS IN BOX ES
CONDITIONS 140-73-3920

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

← TOTE 144

EDGE 1317

R/W



- 5/28/81
- ① 63 FT CASING 2 FT OUT OF GROUND
 - ② AT LEAST 46 FT OF OPEN HOLE (STRING WAS ONLY 46 FT LONG)
 - ③ LOCATION OK
 - ④ 18 BAGS

R. HODGES

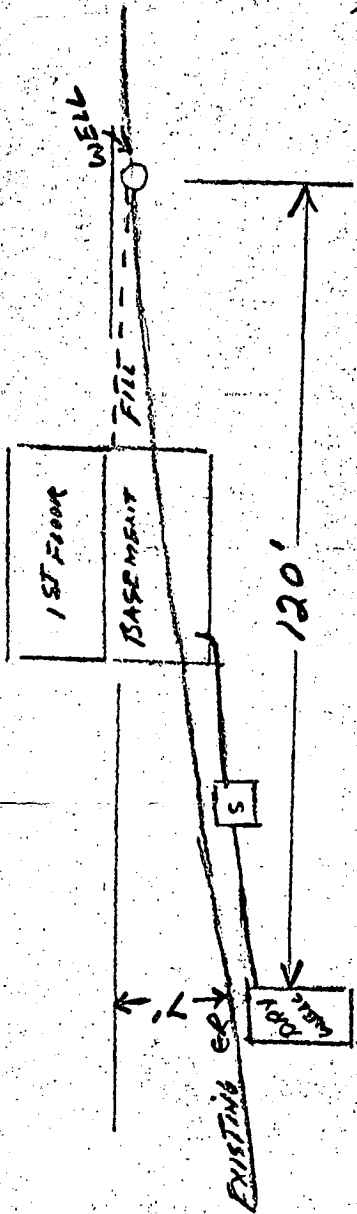
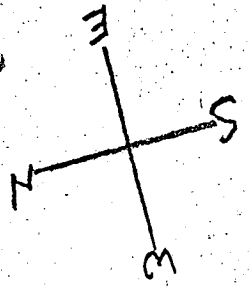
5 1/2

62
7
5

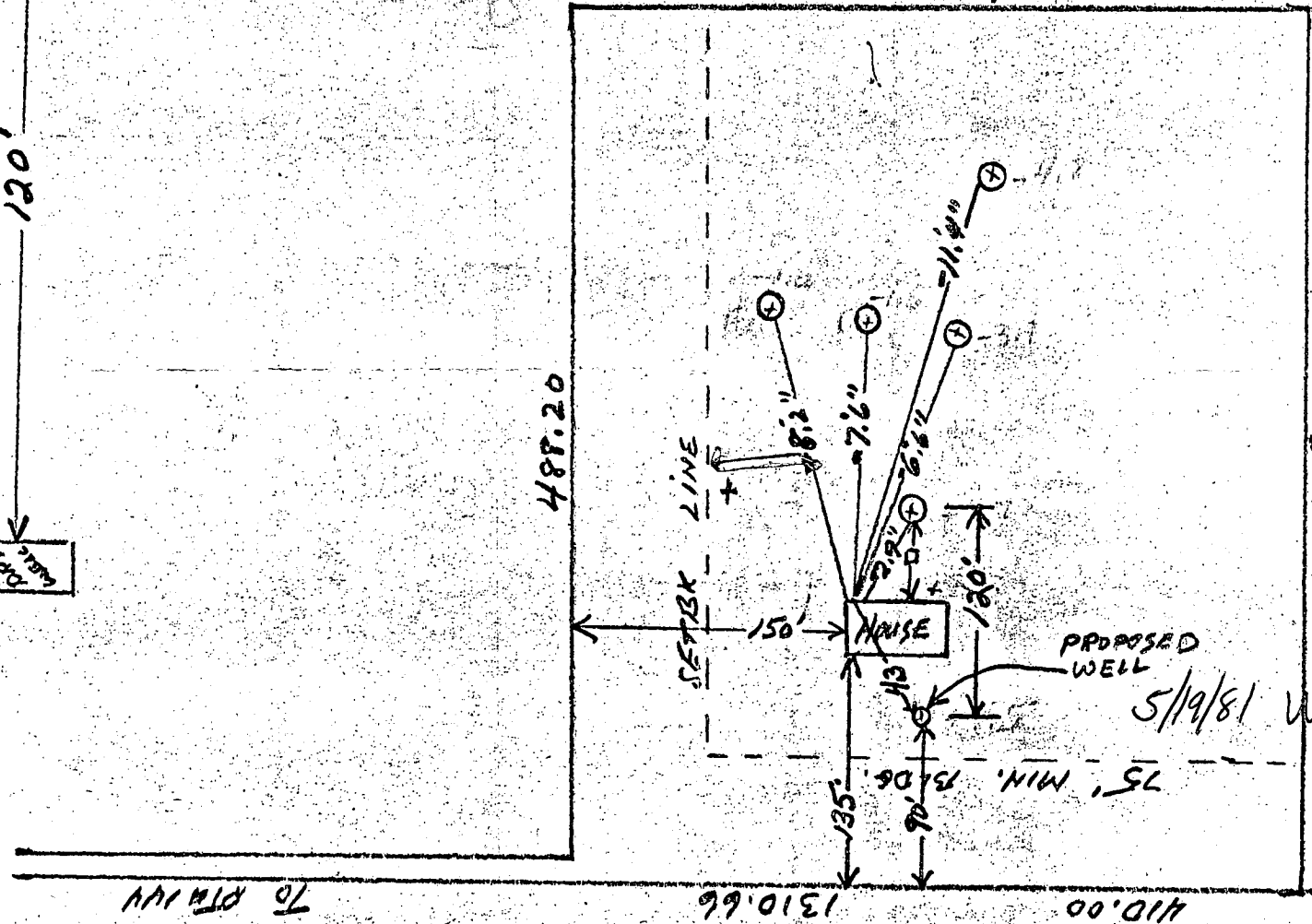
55
5
275

LOT #9 RT# 144
FREDERICK RD.

5.08 ACRES
SCALE: 1"=100'
LANDS OF STANLEY MILLER
338-237



120'



5/9/81 Well site O.K.
F.S.