

5/11/94
A.S.A.P.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50016

A 33547

DISTRICT 3rd

DATE 05/09/94

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

DATE SYSTEM APPROVED 5/11/94

INSPECTOR *[Signature]*

INDEXED

Architectural Design and Construction, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 6216 Light Point Place, Columbia, Maryland 21045 PHONE 531-3998

SUBDIVISION Hebb Property LOT 4 ROAD 12265 Frederick Road

PROPERTY OWNER Herbert & Grace Bathgate *Quinther*^{ER}

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS *10' long, 5' wide, 5' deep*

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

BLDG. PERMIT SIGNED

AND RETURNED 4/10/94

*Serial # BR 104823
detached 1-Story garage*

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the trench 200 feet from the rear lot line and 100 feet from the left side line as seen when facing the property from Md. Route 144. Continue to dig the trench on level ground running towards the left side of the lot. MAINTAIN A MINIMUM OF 100 FEET FROM THE WELL.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OKMR 5/9/94*

PLANS APPROVED BY Frank Skinner/Mark Rifkin

REVISED DATE 05/09/94

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

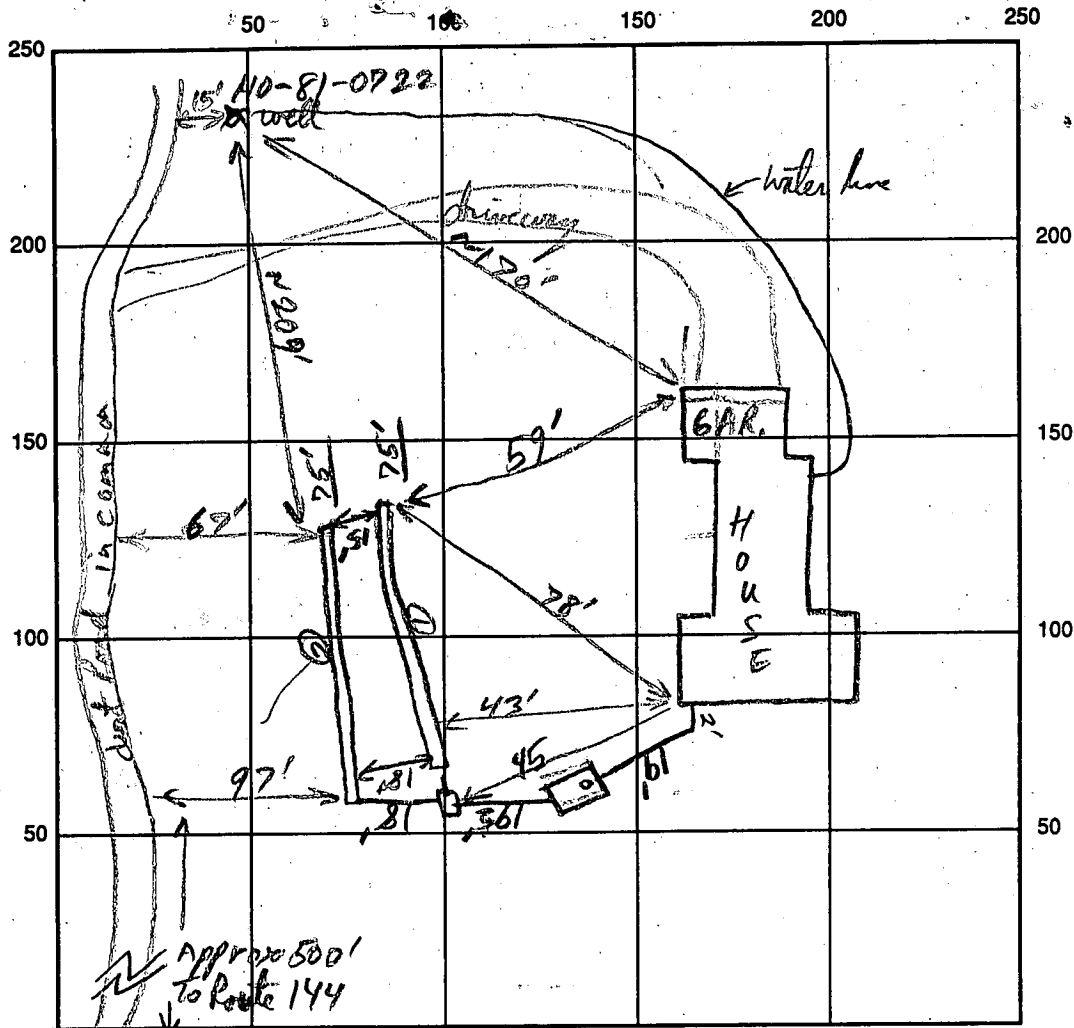
PERMIT VOID AFTER TWO YEARS

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

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

A
33547



SEPTIC TANK LEVEL 1250 gal OK CLEANOUTS STV

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 8' FT. TRENCH WIDTH 2' FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 0/2 25/25 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 750 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: OK to grand fill trenches, DB, S.T. OK, HSE connection OK to cover. 5/11/99 RRP
OK to cover 5/11/94 RRP

Other chapters & water line OK @ 35' - OK to cover 5/19/99 RRP

DATE SYSTEM APPROVED 5/11/94 INSPECTOR RRP

10/11/90
10/14/90
10/100

APPLICATION

PERCOLATION TESTING

A 46319
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT Third
DATE Aug. 22, 1990

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 R. Hopkin *HERBERT & GRACE Bathgate*
ADDRESS 3138 Rogers, Ave., Ellicott City, Md. 21043 PHONE *381-6589* (301) 465-8891

PROSPECTIVE BUYER N/A
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION Hebb Property, Lots 1-4 LOT NO. 4

ROAD AND DESCRIPTION South side of Md. Rte. 144, 2650' ± East of Md. Rte. 32
(12265 Frederick Road)

TAX MAP 15 PARCEL # 39
SIZE OF LOT 3 Acres ± TYPE BLDG. Commercial
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.
William R. Hopkin
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/16/90 Hold for Perc Test Plat

BLDG. PERMIT SIGNED
AND RETURNED 12/14/93
Serial # 517 ST
SFD-4 Bims

THIS IS NOT A PERMIT

APPLICATION

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: 992-2330

A _____

P _____

DISTRICT _____

DATE _____

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 Wm. S. Hebb
ADDRESS Porto Bello Farm PHONE _____

PROPERTY LOCATION:
SUBDIVISION Hebb Property LOT NO. 4
ROAD AND DESCRIPTION Rt 144, 24.87A
tax map 15, parcel 39
SIZE OF LOT 5A TYPE BLDG. _____ (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. William R. Hebb
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

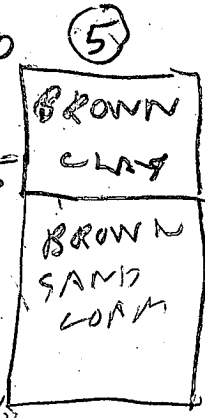
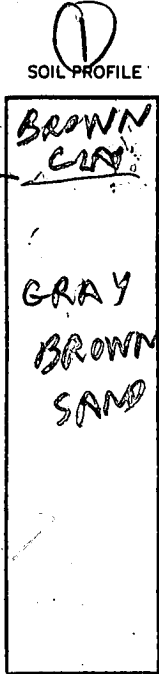
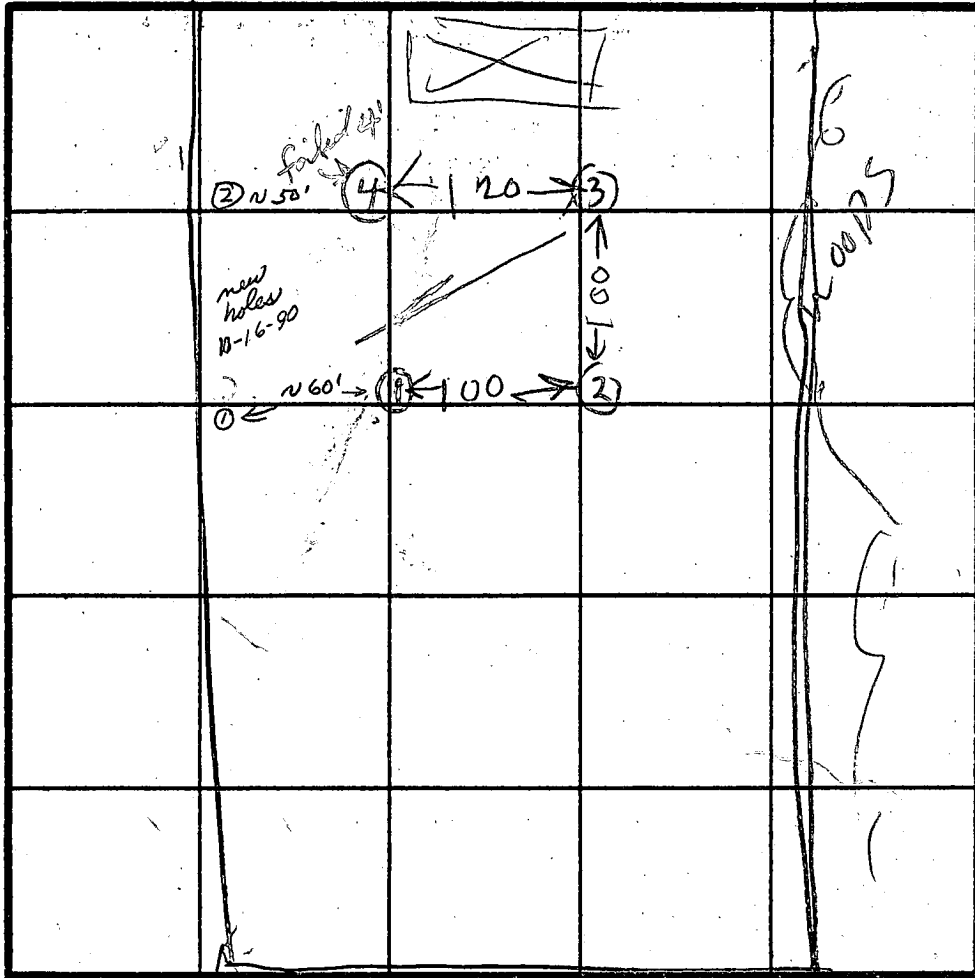
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SEE PLAT



HOLE ELEV.

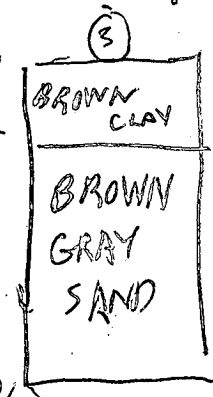
③ = HIGHEST

①④ = LOWEST

② = NEXT HIGH

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 144 TO W. FRIENDSHIP



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/22/84	1S 1V	3 1/2 13	346 LOOKS	346 OK	346	350	3
2/29/84	2S 2V	3 11	1014 LOOKS	1015 OK	1015	1017	2
2/29/84	3S 3V	4 12	1021 LOOKS	1022 OK	1022	1025	3
	4S 4V	4 13 1/2	1033 LOOKS	1103 OK	little perc slow		30
	4M	6 1/2	1111	1119	1119	1125	6
					16		
10/16/90	1S 1V	6 12	sheet A 463		17 (with profiles)		24 OK
	2S 2V	4.5 13		11			2 OK

REMARKS: 2/29/84 - HOLES DUG PER ENGINEERS PLAT. RT 144

TESTED BY: R. HODGES 2/24/84
R. HODGES 2/29/84

Backhoe ALSO PRESENT OTIS KETTERMAN
Developer WILL HOPKINS

EH-12-1079

C1 **2918** SEQUENCE NO. (OEP USE ONLY)

**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 **A33547**

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

DATE RECEIVED
[] [] [] [] [] []

DATE WELL COMPLETED
10/16/84

DEPTH OF WELL
300
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-81-0722

OWNER **McDonough John**
STREET OR RFD **last name Md. Rte 144 first name** TOWN **West Friendship**
SUBDIVISION **Hebb Property** SECTION _____ LOT **4**

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	
Shaley	2	10	
sand Stone	10	30	
Mica	30	45	
sand Stone	45	50	✓
Quartz	50	55	
Mica	55	58	✓
Flint	58	240	
Mica	240	245	
Quartz	245	300	
Mica			

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
TYPE OF GROUTING MATERIAL
CEMENT **CM** BENTONITE CLAY **BC**
NO. OF BAGS **10** NO. OF POUNDS **1600**
GALLONS OF WATER **50**
DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **30** 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 **ST** Nominal diameter top (nearest inch) **6** Total depth of main casing (nearest foot) **34**

OTHER CASING (if used)
EACH CASING 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
DEPTH (nearest ft.)
EACH SCREEN **H0** **32** **300**
slot size 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) from to

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.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
HOURS PUMPED (nearest hour) **6**
PUMPING RATE (gal. per min. to nearest gal.) **2**
METHOD USED TO MEASURE PUMPING RATE **Bucket**
WATER LEVEL (distance from land surface) BEFORE PUMPING **33** WHEN PUMPING **117**
TYPE OF PUMP USED (for test) **A** air **P** piston **T** turbine **C** centrifugal **R** rotary **O** other (describe below) **J** jet **S** submersible

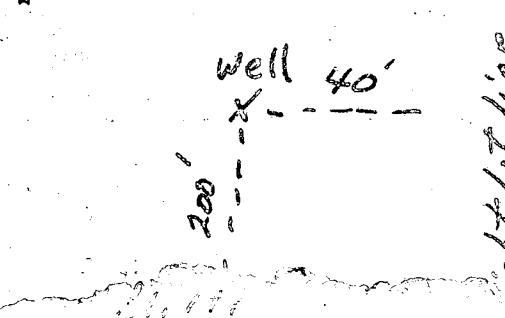
PUMP INSTALLED
DRILLER WILL INSTALL PUMP YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height) **+** above **-** below LAND SURFACE **2** (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

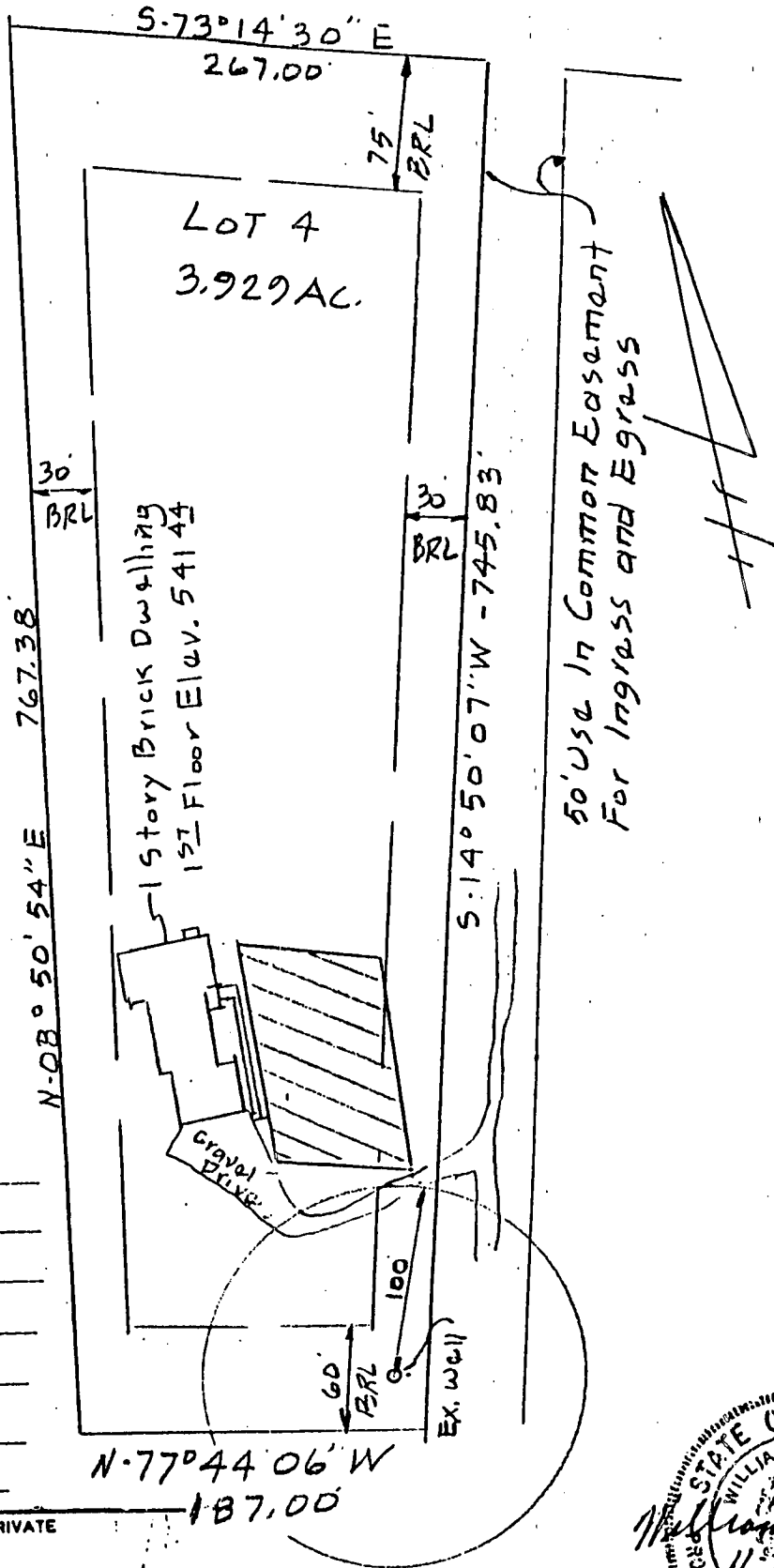
CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT 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. **41**
K. Daniel Easterday
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Charles A. Hillers
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



MD. ROUTE 144



The purpose
of this plat
is to show
The existing
dwelling and
the revised
septic area

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

William G. Hartel 11-15-94
HOWARD COUNTY HEALTH OFFICER DATE



Plat Reference: Hebb Property ~ Lots 1, 2, 3 and 4
recorded in Platbook 5850.

TITLE: PERCOLATION PLAT				
PROJECT: LOT 4 - HEBB PROPERTY				
LOCATION: 3RD ELECTION DISTRICT HOWARD CO., MD.				
SCALE: 1"=100'	DESIGNED BY: ~	DRAWN BY: BH	CHECKED BY: WGH	DATE: 11-15-94
FIELD BOOK: 150	PAGE NO.: 43	JOB NO.: 93259	DRAWING NO.: 10F1	

Boender Associates
ENGINEERS • PLANNERS • SURVEYORS
3230 BETHANY LANE
ELLCOTT CITY, MD. 21043
(301) 465-7777 FAX. (301) 465-7966

1739

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-0722

fill in this form completely

NUMBER IS TO BE PUNCHED (LS. 3-6 ON ALL CARDS)

Date Received

10/11/84

070480

OWNER INFORMATION

MCDONOUGH JOHN

5827 BONNECHER ROAD

COLUMBIA MD 21044

DRILLER INFORMATION

DANIEL EASTERDAY 41

FRANKLIN EASTERDAY, INC

4165 BROWN CHURCH RD MT AIRY, MD 21771

L. Daniel Easterday

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)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered)
JETTED
Jetted & DRIVEN
AIR-ROTary
AIR-PERCussion
ROTARY (Hydraulic Rotary)
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 DEEPMEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER GAP

FORCE FS PERMIT NO. HO-81-0722

SPECIAL CONDITIONS

B 3

LOCATION OF WELL

HOWARD

HEBB PROPERTY

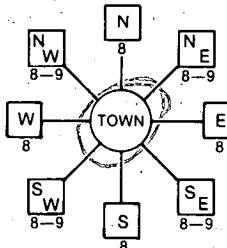
SECTION LOT

WEST FRIENDSHIP

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

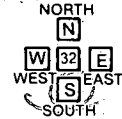
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



RT 114

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 200 FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME COUNTY NO. OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED 092687 CO SIGNATURE Frank Shaini 3/26/84 EXP. DATE

NORTH GRID 533 000 EAST GRID 081 700

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

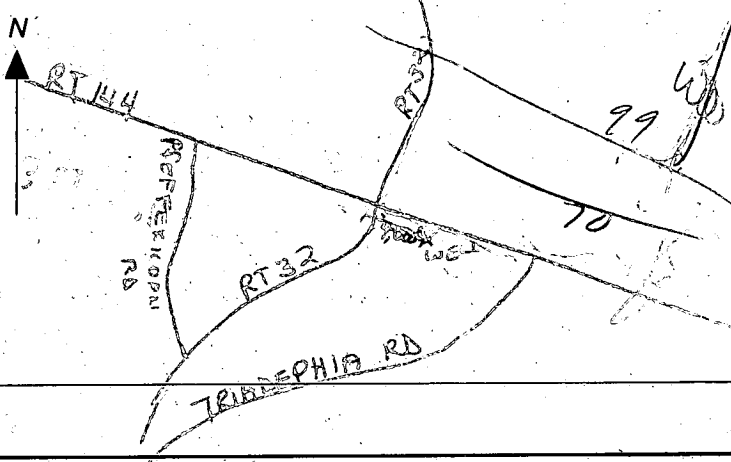
- SOURCES OF DRILLING WATER
1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

810 7
530 3

Location OK
95' CASING
1 1/2" AB GR.
30' OPEN
8" BASS
CEMENT
10/11/84
CW

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



GENERAL NOTES


RD CONTROL STATIONS

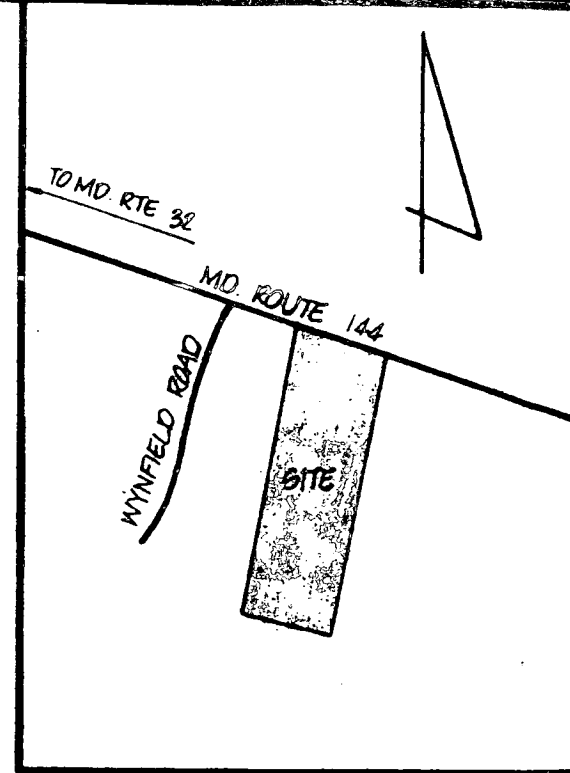
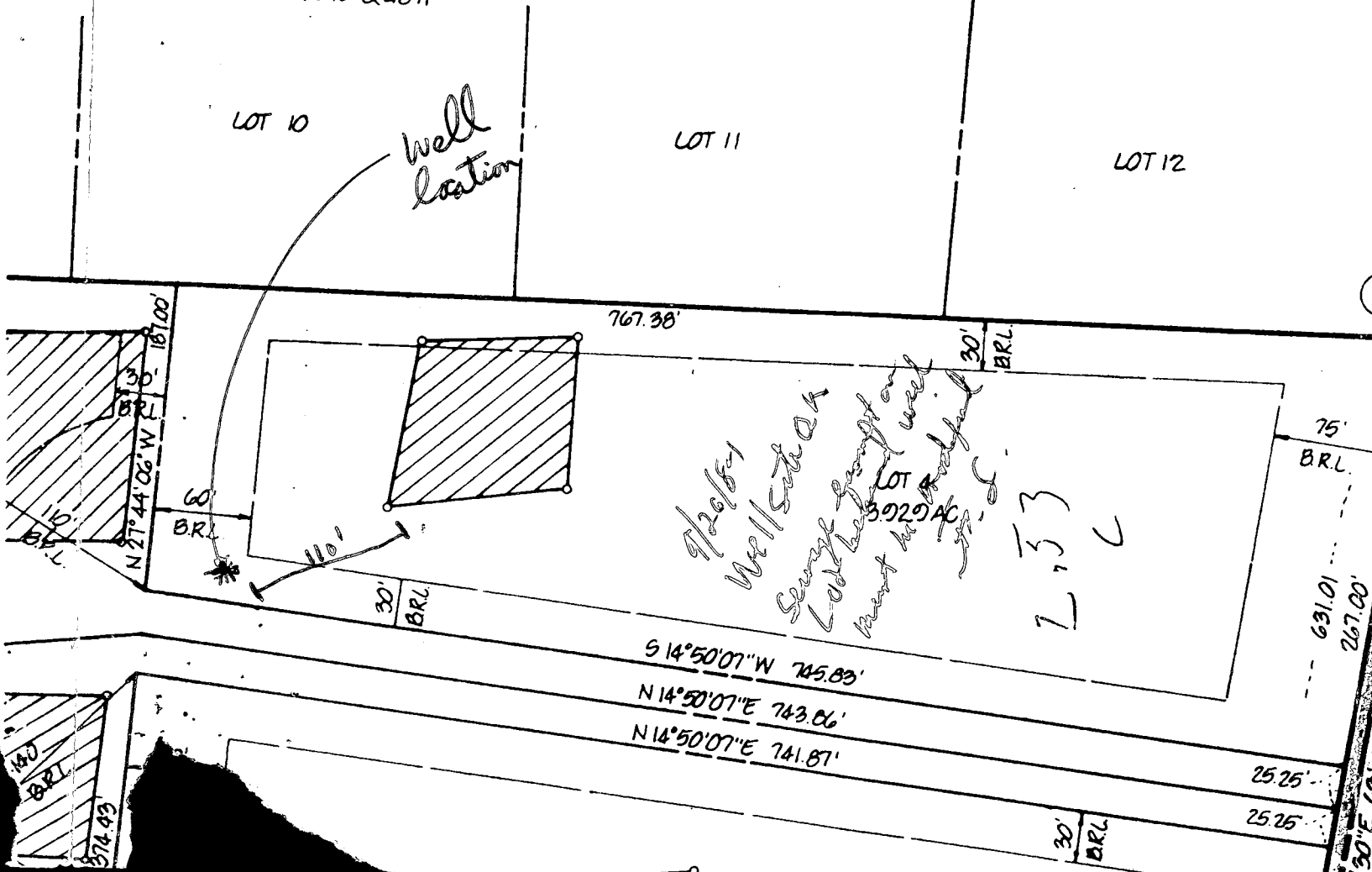
INTENSIVE ZONING

100' OWNERSHIP WIDTH AND
PT. OF HEALTH AND

OPEN FIELD LOCATED AND ARE

FIELD - SECTION 1 PB. 4870 & 4871

7.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. 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 AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. 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.

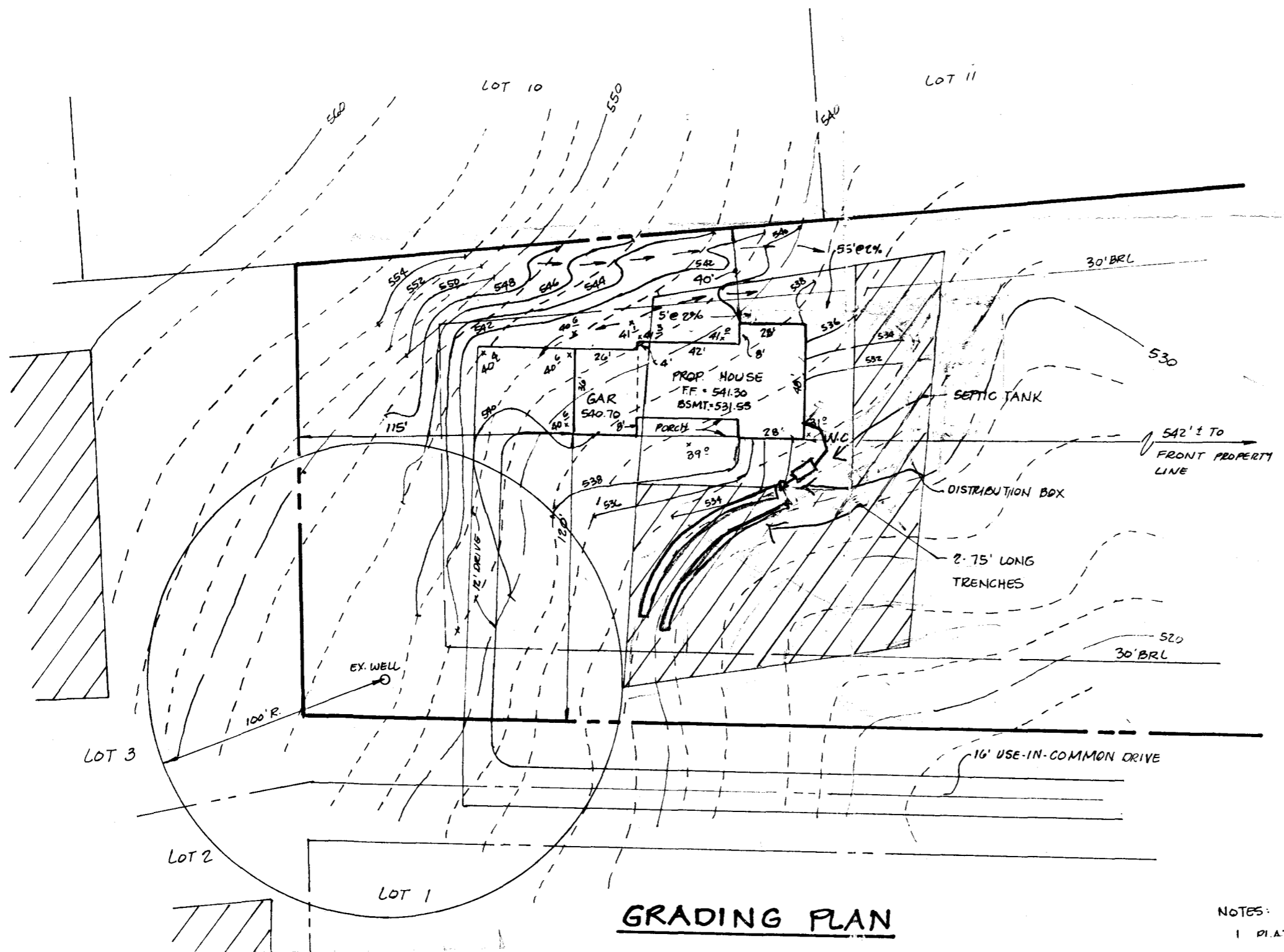


VICINITY MAP

SCALE: 1"=1200'

LAND DEDICATED TO THE STATE OF MD. FOR PURPOSES OF A PUBLIC ROAD (0.02 AC.)

ROUTE 144



HOUSE	
1ST FLOOR	541.30
BASEMENT	531.55
INV. OUT	530.00
SEPTIC TANK	
EX. GR.	535.0
PROP. GR.	531.0
INV. IN	529.0
INV. OUT	528.75
DISTRIBUTION BOX	
EX. GR.	531.0
PROP. GR.	529.7
INV. IN	528.15
INV. OUT	527.90
WELL	
EX. GR.	544.5

4BR
BP 51781

BP Plan
accepted,
MR/CW 12/14/93
subject to
receipt of revised
perc cert plan.

~~SEPTIC PERMIT~~
RELEASED;
PERC CERT
STILL NEEDED;
R. Marshall says
forthcoming

NOTES:
1. PLAT REFERENCE HERE PROPERTY LOT 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

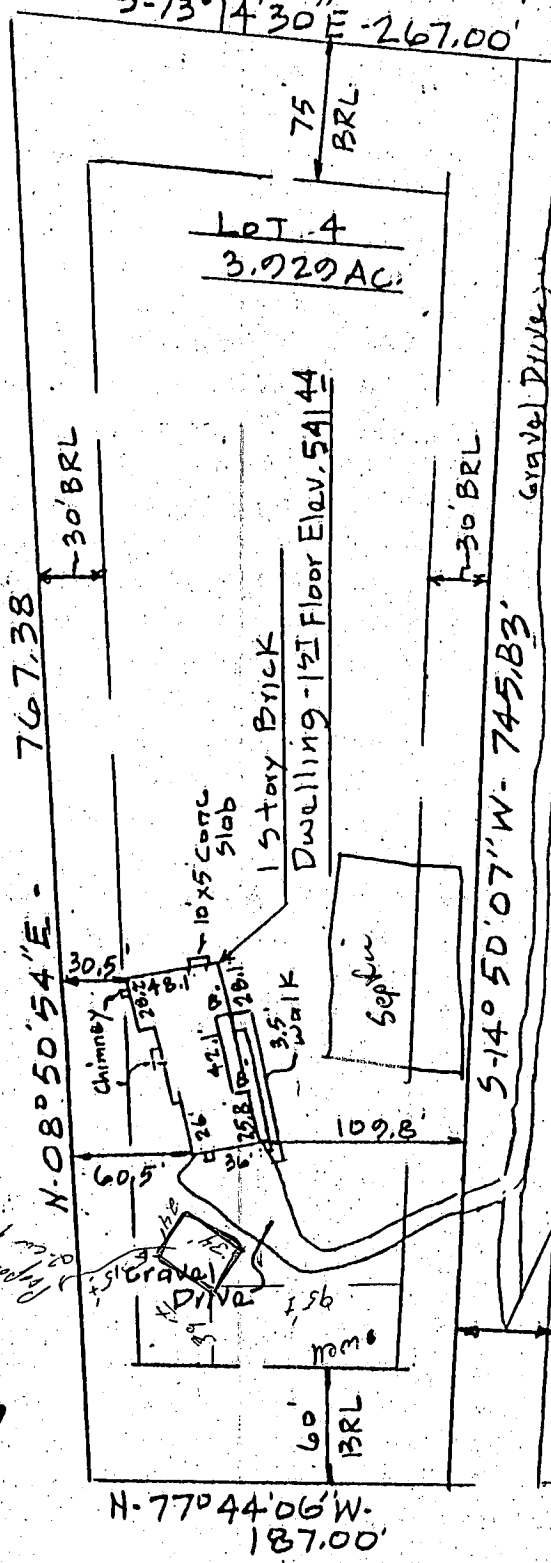
The Lot shown hereon does not lie within the limits of a recorded Floodplain Easement

MD. ROUTE 144

5-73°14'30"E - 267.00'

I hereby certify that a site inspection (based upon field observations and surveys as necessary) was made under my direction on OCT 27, 1994 at LOT 4 - HEBB PROP. to the best of my knowledge, information and beliefs, this lot has been final graded in compliance with the approved site development plan or, if none, the approved Erosion and Sediment control plan and grading plan. In addition to general compliance with the applicable plan, this inspection was made with the following items being checked for compliance with Section J.101, Subsection J008.3 of the Howard County Code, as a minimum:

- Drainage Courses - correct direction of flow, (if applicable) located within drainage easements, constructed with a positive and uniform grade, and
- Lot grading - positive drainage away from the structure, fine graded with no local low spots.



50' USE IN COMMON EASEMENT FOR INGRESS & EGRESS TO LOTS 1 THRU 4



RECEIVED
HOWARD CO. HEALTH DEPT.
ENVIRONMENTAL HEALTH
APR - 8 A 10:04

Plat Reference: Hebb Property - Lots 1, 2, 3 AND 4 recorded in Platbook 5850

TITLE LOCATION SURVEY					THIS IS TO CERTIFY THAT WE HAVE CONDUCTED A LOCATION SURVEY OF THE IMPROVEMENTS AND THAT THEY ARE LOCATED AS SHOWN HEREON.	
PROJECT LOT 4 - HEBB PROPERTY					SIGNATURE <i>William G. Hartel</i>	
LOCATION 3RD					REG. NO. 9436 DATE 10-27-94	
ELECTION DISTRICT, HOWARD		CO., MD.				
FIELD BOOK 150	PAGE NO. 45	DRAWN BY: BH	CHECKED BY WGH	DATE: 10-27-94		
SCALE 1" = 100'			JOB NO.: 93259			
THE INFORMATION ON THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS INDICATED HEREON ARE CONTAINED WITHIN THE CONFINES OF THE LOT UPON WHICH THEY ARE ERECTED. THIS PLAT IS NOT TO BE CONSTRUED AS, OR USED FOR THE ESTABLISHMENT OF PROPERTY LINES.						
<p align="center">Boender Associates ENGINEERS, PLANNERS, SURVEYORS 3230 BETHANY LANE ELLICOTT CITY, MD. 21043 (301) 465-7777 FAX: (301) 465-7966</p>						

of
Date 10/16/84

8:00

Review 2/25/85 OR FS

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0722
 Location of property (road) Md. Rte 144
 Subdivision Hebb Property Lot 4 Block Plat Sec.
 Well Driller L. Daniel Edsler day Owner John McDorough Bldrs
 Depth of well 300 20m
 Distance of measuring point (M.P.) above ground 18"
 Static water level (S.W.L.) below M.P. 33' 4"

High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 8.6 gpm
 Total time 30 min to reach pumping water level 113' 7" ft. below M.P.

1. Recovery pump test data - observations to be recorded every 15 minutes Pump 280'

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)
8:30	113' 7"	30 sec		2.6 gpm
8:45	113'	30 sec		2.6 gpm
9:00	112' 6"	30 sec		2.6 gpm
9:15	114' 6"	25 sec		2 1/2 gpm
9:30	114' 8"	30 sec		2.6 gpm
9:45	114' 8"	30 sec		2.6 gpm
10:00	114' 6"	30 sec		2.6 gpm
10:15	114' 7"	30 sec		2.6 gpm
10:30	114' 9"	30 sec		2.6 gpm
10:45	115'	30 sec		2.6 gpm
11:00	115' 2"	30 sec		2.6 gpm
11:15	115' 8"	30 sec		2.6 gpm
11:30	115' 9"	30 sec		2.6 gpm
11:45	115' 10"	30 sec		2.6 gpm
12:00	116'	30 sec		2.6 gpm
12:15	116' 2"	30 sec		2.6 gpm
12:30	116' 3"	30 sec		2.6 gpm
12:45	116' 3"	30 sec		2.6 gpm
1:00	116' 4"	30 sec		2.6 gpm
1:15	116' 6"	30 sec		2.6 gpm
1:30	116' 7"	30 sec		2.6 gpm
1:45	116' 7"	30 sec		2.6 gpm
2:00	116' 9"	30 sec		2.6 gpm
2:15	117'	30 sec		2.6 gpm
2:30	117' 1"	30 sec	Blue	2.6 gpm