

10/15/88
10/22/91 - 10/12/91 CATG

05-351987

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 47379
A 37451

DISTRICT _____

DATE 7/31/91

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE SYSTEM APPROVED 10/22/88

INSPECTOR R11

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Richard Hall/S. McDuffie LOT 1 ROAD 13510 Golden Corn Drive

PROPERTY OWNER Dennis Bernstein and Nancy Bond *per plat # 7521 (F-87-60)*

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

**BLDG. PERMIT SIGNED
AND RETURNED** 6-19-88
*Serial # 1064/2
Inground pool.*

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

LOCATION - Place the distribution box 95' from the north (323.99') lot line and 75' from the west (379.98') lot line. Run trenches along contour toward west lot line.

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

would adjust dist. box to 95' from 323' north lot line

PLANS APPROVED BY Craig Williams cm. DATE 10/31/88

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, 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

**BLDG. PERMIT SIGNED
AND RETURNED** 3/23/91
Serial # 53119

PERMIT VOID AFTER TWO YEARS

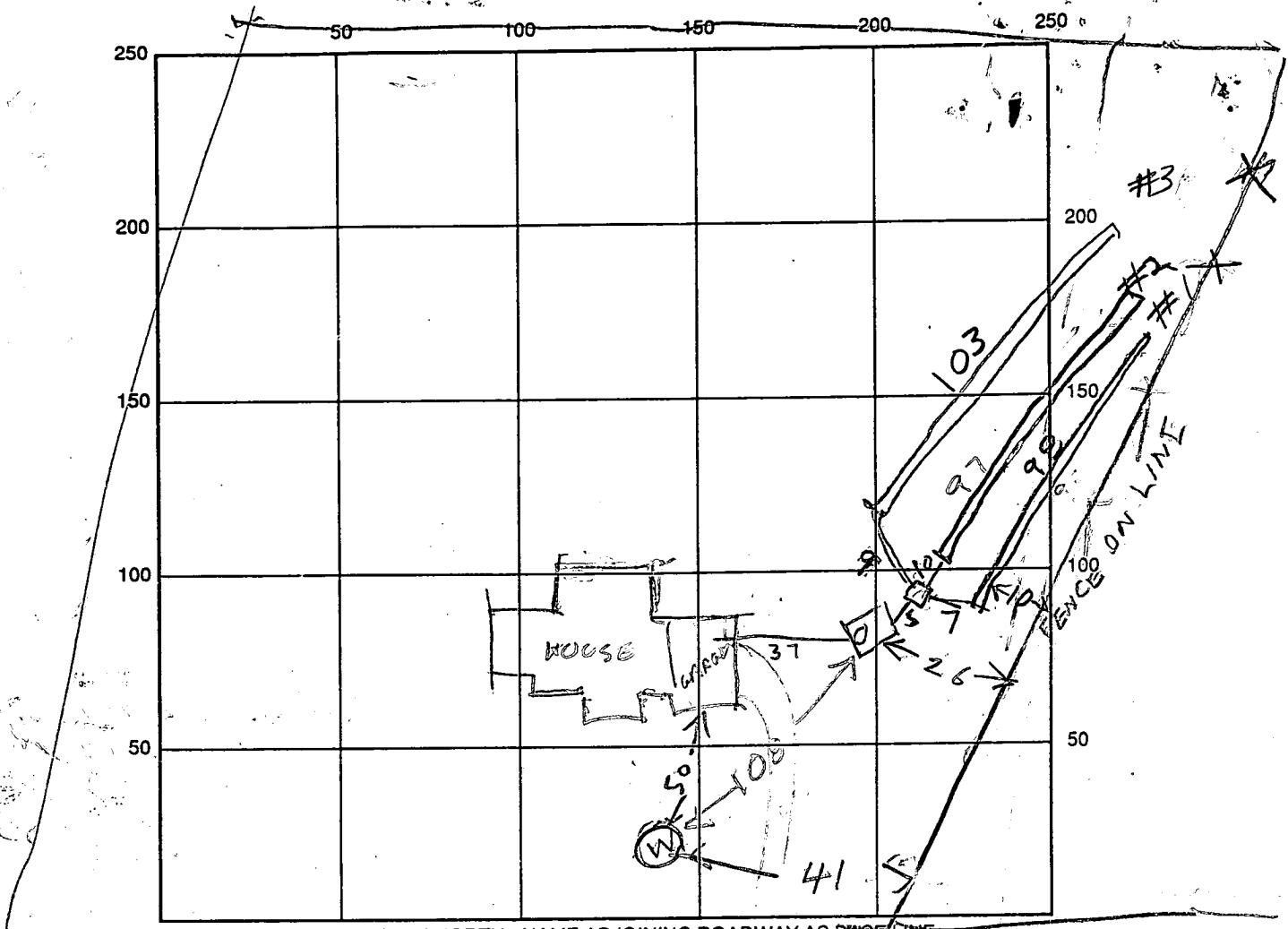
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*Indevia Attentions
Basement*

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

A 37451



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

GOLDEN CORN DRIVE

SEPTIC TANK LEVEL OK 1500

CLEANOUTS OK

DISTRIBUTION BOX LEVEL TOP 1 FT BELOW GRADE

DRAIN FIELD/TITLE DEPTH

1	2	3
6	5	4.5

 FT.

TRENCH WIDTH 3 FT. INLET DEPTH

2	3	4
---	---	---

 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH

1	2	3	TOTAL
97	99	103	299

 FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 1 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 10/15/91 TANK INSTALLED. HOUSE SEWER VERY SHALLOW COVER WITH ONE FT. OF FILL. SUPPORT PIPE WITH GRAVEL WHERE NEEDED (RH)

10/19/91 1AM NOTHING DONE RH 10/19/91 2:30 PM - TRENCH #1 DUG, ADD STONE CALL RH

10/22/91 NOON - COVER TRENCH #2 ADD STONE TO TRENCHES #1 & #2 RH

10/22/91 3PM - TRENCH #1 & #2 OK HOUSE SEWER SUPPORTED WITH STONE RH

DATE SYSTEM APPROVED 10/22/91

INSPECTOR R. Hodger

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 47379

A 37451

DISTRICT _____

DATE 7/31/91

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE SYSTEM APPROVED _____

INSPECTOR _____

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Richard Hall/S. McDuffie LOT 1 ROAD 13510 Golden Corn Drive

PROPERTY OWNER Dennis Bernstein and Nancy Bond *see plat # 7521*

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

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

LOCATION - Place the distribution box 75' from the north (323.99') lot line and 75' from the west (379.98') lot line. Run trenches along contour toward west lot line.

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

would only deliver to 20' ...

PLANS APPROVED BY Craig Williams cm DATE 10/31/88

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, 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 37451

C1 5926

SEQUENCE NO. (OEP 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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER A-37451

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 103087

DEPTH OF WELL grid: 285

PERMIT NO. grid: HO-81-2125

OWNER: VARNIS MARIE; STREET OR RFD: GOLDEN CORN DRIVE; TOWN: HIGHLAND; SUBDIVISION: RICHARD HALL PROP. SECTION; LOT: 1

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. Includes handwritten entries: SAND (0-34), GRAY Mica Rock (34-285).

GROUTING RECORD: WELL HAS BEEN GROUTED (Y); TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC); NO. OF BAGS: 15; NO. OF POUNDS: 1410; GALLONS OF WATER: 90; DEPTH OF GROUT SEAL: from 0 to 30 ft.

CASING RECORD: casing types (ST, CO, PL, OT); MAIN CASING TYPE: ST; Nominal diameter: 6; Total depth of main casing: 40.

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

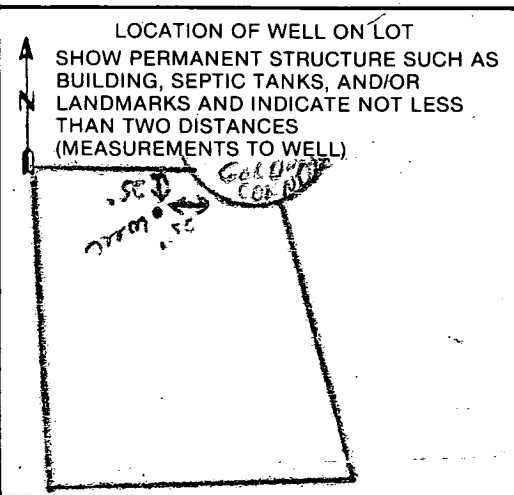
SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT); SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH).

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.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED (nearest hour) 6; PUMPING RATE (gal. per min. to nearest gal.) 27; METHOD USED TO MEASURE PUMPING RATE: bucket; WATER LEVEL (distance from land surface) BEFORE PUMPING 15, WHEN PUMPING 15.5; TYPE OF PUMP USED (for test): 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: S; 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 (nearest foot): 2.



A 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 238; DRILLERS SIGNATURE: Joseph T. Magna

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

AUGUST 11, 1986
9:30 AM

APPLICATION

PERCOLATION TESTING

A 37451
P _____

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

DISTRICT _____
DATE 8-1-86

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 R. W. HALL Res. Homes, Inc - 946-7200

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER CARMAN ASSOC

ADDRESS Box 122 Ellicott City PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. #2 (LOT #2 ON FINAL F-57-60)

ROAD AND DESCRIPTION 135-10 END Golden Corn AT Allwitt Farms

TAX MAP _____ PARCEL # _____
BLDG. PERMIT SIGNED AND RETURNED 9/6/89
SIZE OF LOT 3 AC Sub # 27953
TYPE BLDG. SFD - 4 Bedrooms (SINGLE FAMILY DWELLING OR COMMERCIAL)

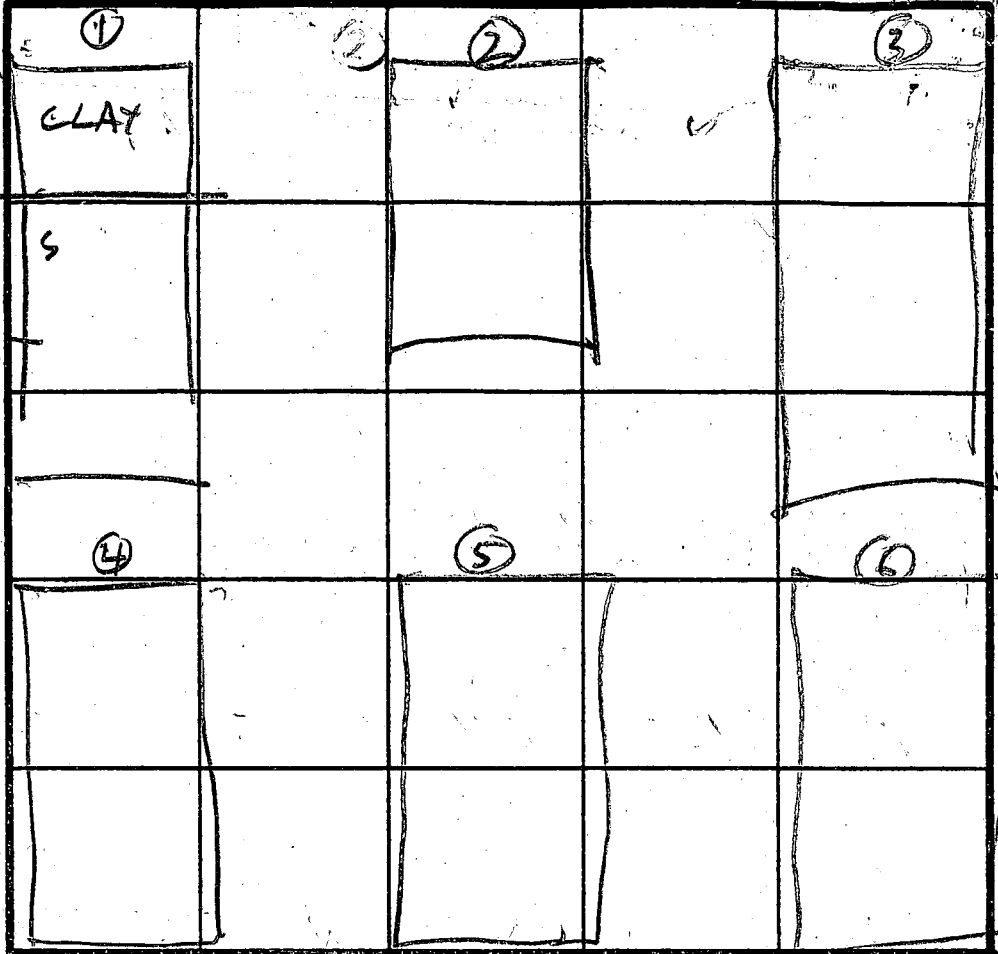
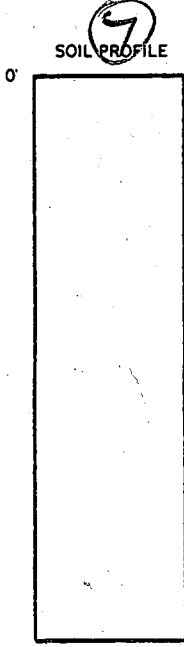
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Phy. A. Mergitt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____
REJECTED BY _____ FOR _____ DATE _____

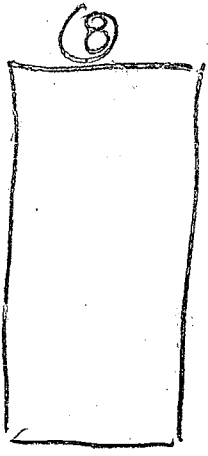
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8/12/86 Hold for Review
Possible Wet Season
8/12/86 Corrected Plat Needed & Hold for
Wet season R11

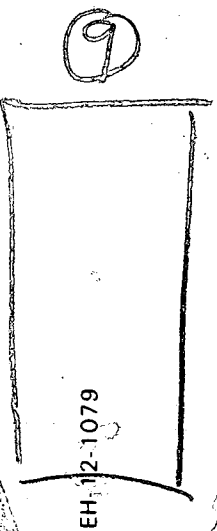
THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/12/86	8S 8V	4 12	1014 015	1016	1016	1019	3
2/12/86	9S 9V	5 12	1018 015	1019	1019	1020	1



EH-12-1079

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

APPLICATION

PERCOLATION TESTING

A 37451

P _____

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

DISTRICT _____

DATE 8-1-86

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 R. W. Hall

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER CARMAN ASSOC

ADDRESS Box 122 Ell.cott City PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. # 2

ROAD AND DESCRIPTION END OF Golden CORN AT
Allnutts FARMS

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3 AC + TYPE BLDG. SFD
(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.

Phyllis A. Hight
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

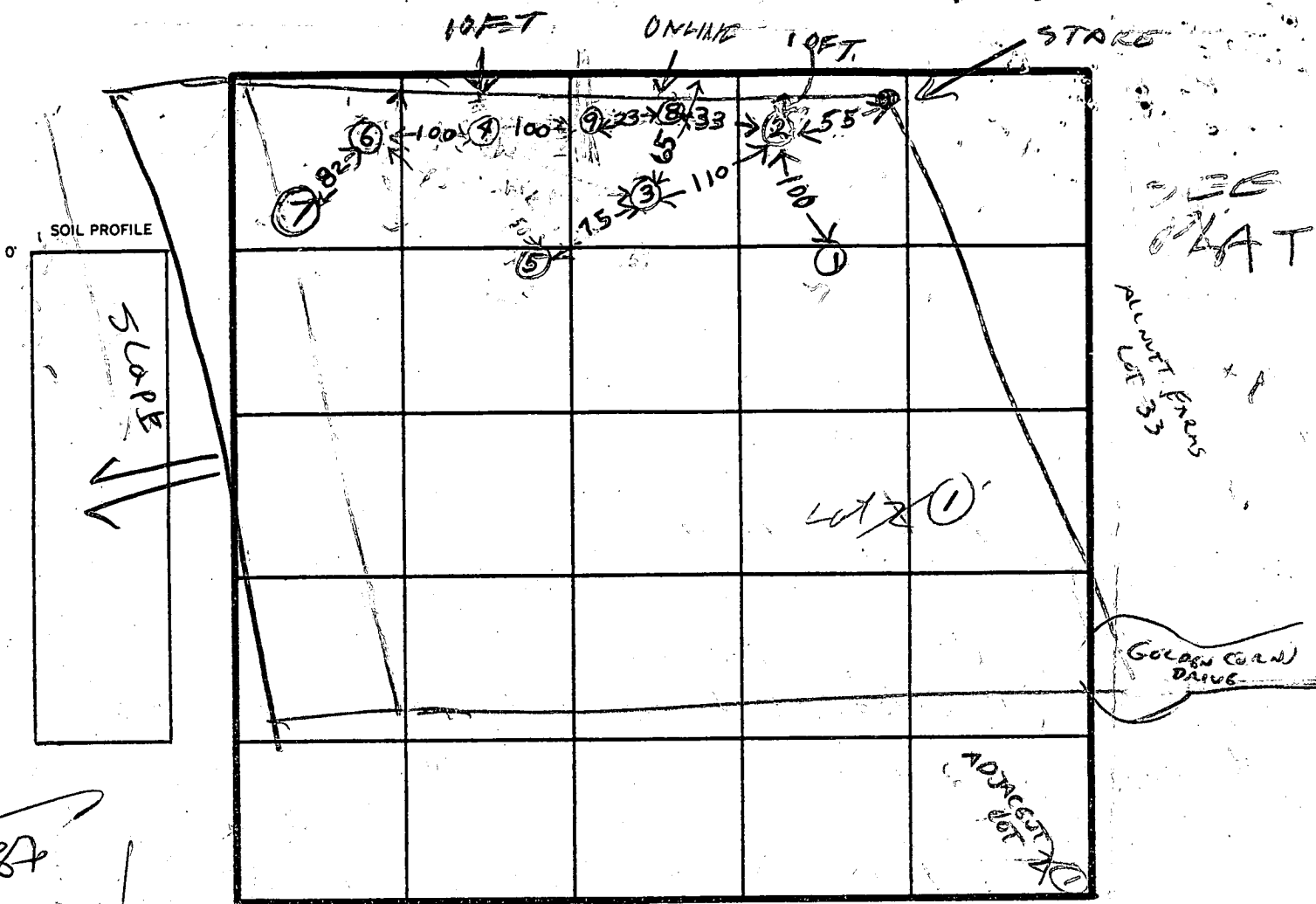
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Commander Lot 2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

6/3/87
Shallow system
200 \$/ft
BWT 3
MAX 5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/1/86	10	9	1134	1152	1152	1215	23	
	15	4 1/2	1137	1138	1138	1139	1	
	1V	11	MOTTLED SAVE FOR WET SEASON					
	2D	9	1146	1147	1147	1148	1	
	(2S)	6	1154	1240	cuttop part			
	(2V)	9 1/2	SLOW SHELF					
	3S	6	1225	1226	1226	1227	1	
	3V	11	OK					
	4S	5	1232	1233	1233	1234	1	
	4V	11	OK					
	5S	5	1243	1244	1244	1246	1	
	5V	12	OK					
	6S	5	1258	1259	1259	100	1	
	6V	12	OK					
	(7D)	8 1/2	107	130	LITTLE PERC			
	7S	6	110	121	121 1st INCH 11mm			
	(7V)	8 1/2	MOIST & SLOW BOTTOM					

REMARKS: Holes 1, 2, 3 UNSAT HOLES 3, 4, 5, 6, 8, 9 OK
Holes Not dug per plat

TYPE OF SOIL _____

TESTED BY: B. Hooper

ALSO PRESENT: J. Margulitz, C. Currie

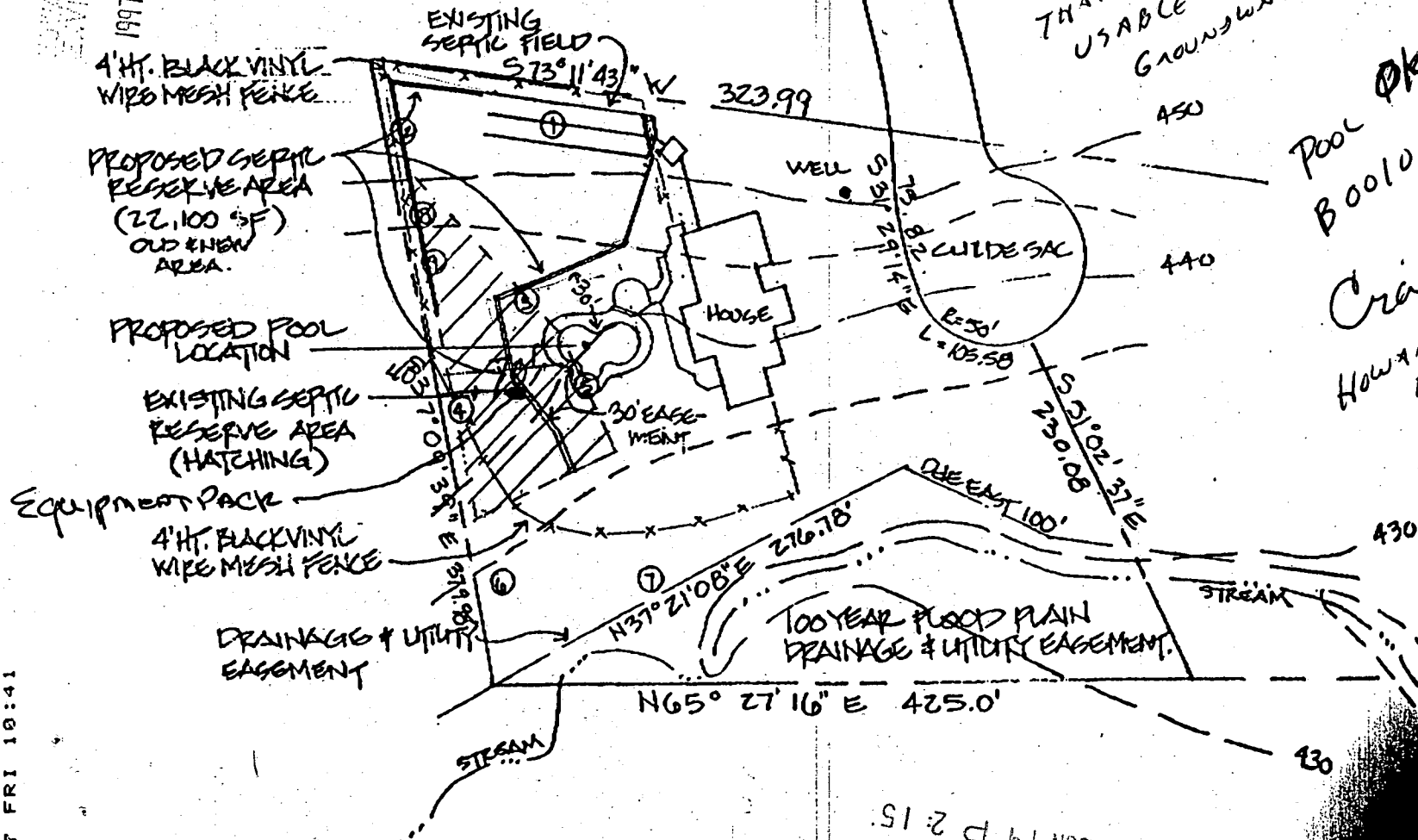
EH-12-1079

1997 JUN 19 P 2:14

REVISED SEPTIC AREA
MATCHES THE "AS-BUILT"
CONDITION OF THE SEPTIC SYSTEM.

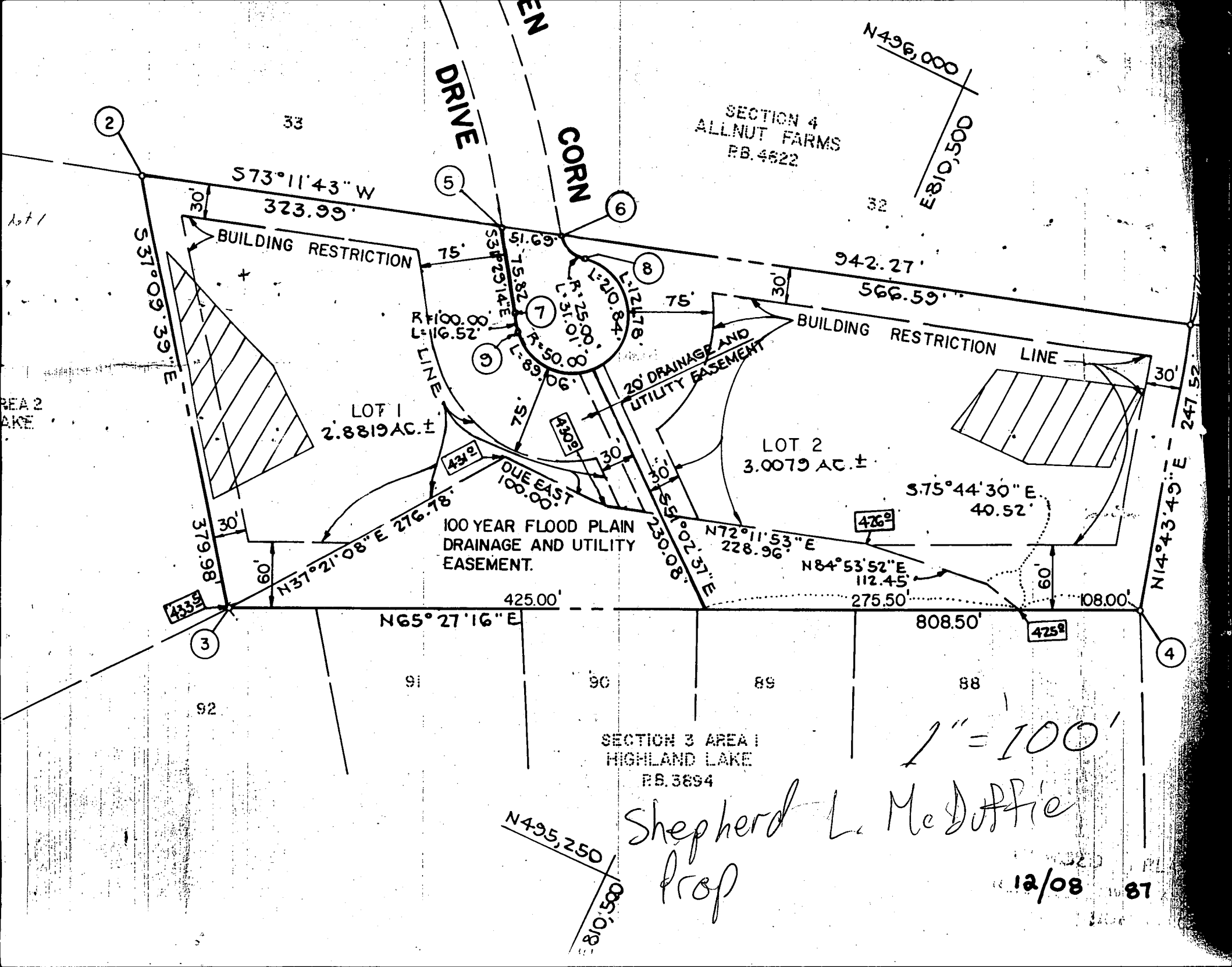
ENCROACHMENT
ON RECORDED
SEWAGE EASEMENT
IS ACCEPTABLE
THAT AREA IS NO LONGER
USABLE DUE TO DISCOVERED
GROUNDWATER INTRUSION

Pool OK AS PROPOSED
B00106412
Craig Wilkins
Howard County
H64 CTH



1997 JUN 19 P 2:15
HOWARD CO. HEALTH DEPT.
ENVIRONMENTAL HEALTH

BOND - BERNSTEIN RESIDENCE



SECTION 4
ALLNUT FARMS
RB. 4622

LOT 1
2.8819 AC. ±

LOT 2
3.0079 AC. ±

100 YEAR FLOOD PLAIN
DRAINAGE AND UTILITY
EASEMENT.

SECTION 3 AREA 1
HIGHLAND LAKE
RB. 3694

Shepherd L. McDuffie
Prop

1" = 100'

12/08 87

573°11'43" W
323.99'

S37°09'39" E
379.98'

BUILDING RESTRICTION

75'

R=100.00
L=116.52'

R=250.00
L=31.01'

R=1217.8
L=1217.8'

R=50.00
L=89.06'

R=50.00
L=89.06'

20' DRAINAGE AND
UTILITY EASEMENT

BUILDING RESTRICTION LINE

942.27'
566.59'

S75°44'30" E
40.52'

N72°11'53" E
228.96'

N84°53'52" E
112.45'

275.50'

108.00'

N65°27'16" E
425.00'

808.50'

N14°43'49" E
247.52'

N496,000
E810,500

N495,250
E810,500

DRIVE

CORN

92

91

90

89

88

2

33

5

6

8

9

3

4

Lot 1

AREA 2
LAKE

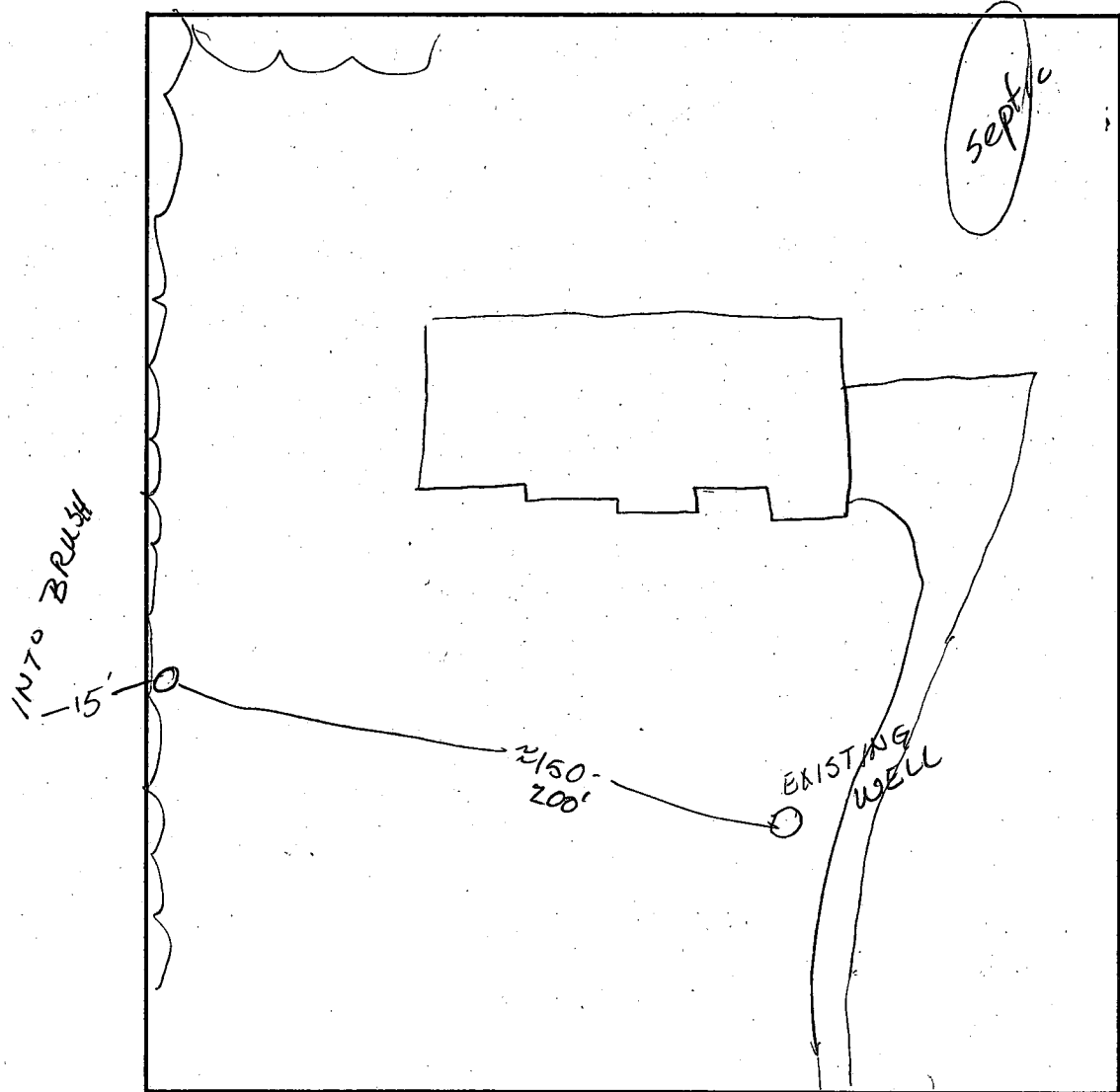
9-15-98
meet owner
@ 10:00

A37451

SITE INSPECTION SHEET

OWNER: Nancy Bond/Aennis Burnstein DATE REQUESTED: 9/11/98
ADDRESS: 13510 Golden Corn Dr DRILLER/CONTRACTOR: _____
WELL TAG NUMBER: _____
TAX & PARCEL: 34 16 177 1 COUNTY: Howard
PROPOSAL: Replacement Well site

LOCATION DIAGRAM

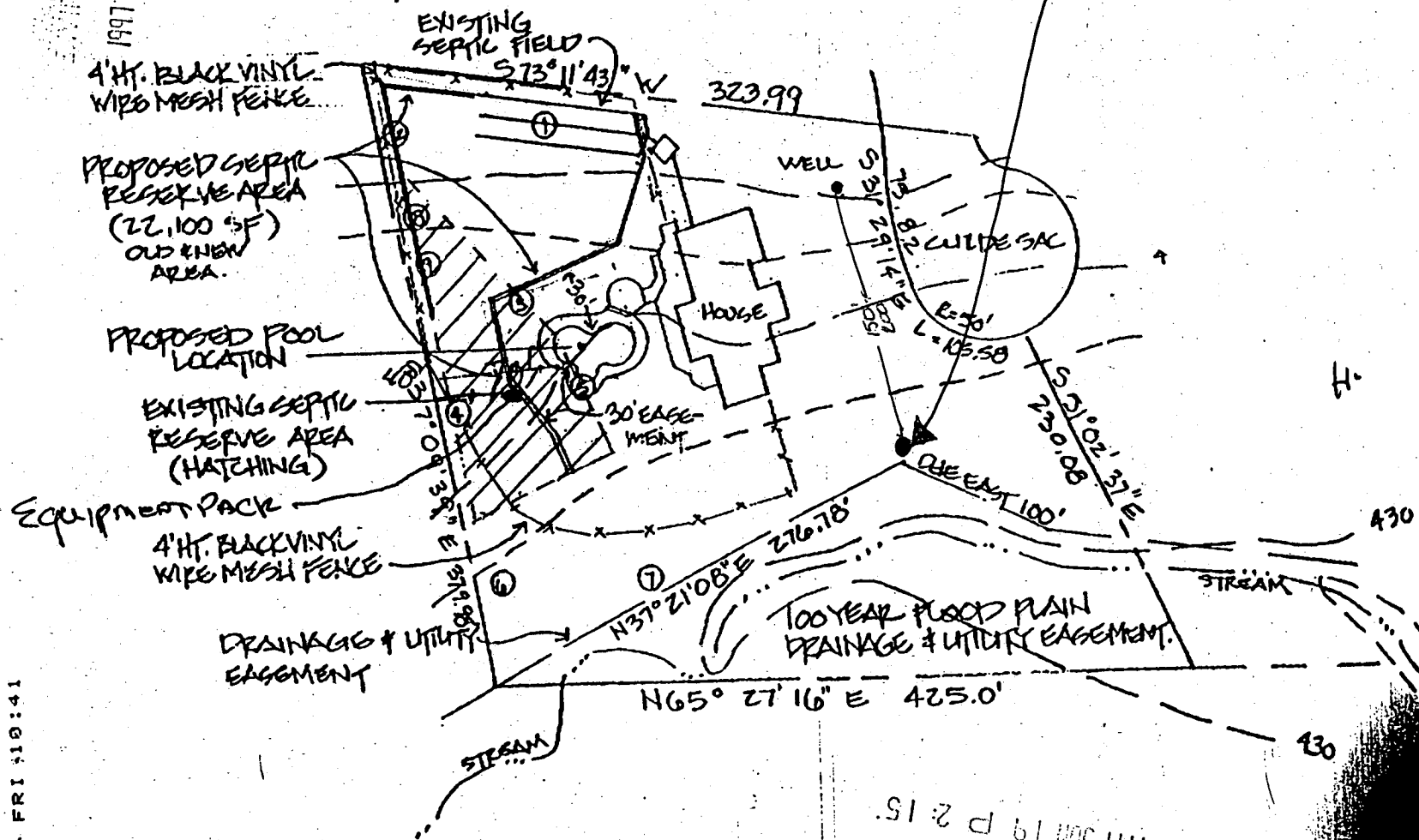


COMMENTS: 9-11-98 Well site OK as shown - Applicant requested
keeping ex. well as standby because its not dry - OK as long as
capped w/ 2 piece cap. All

DATE: 9-11-98 INSPECTOR: A W Miller

1997 JUN 19 P 2:14

9-11-98
Replacement
Well site OK
as shown - site insp.
performed
A McMillen



JUN-19-97 FRI 10:41

1997 JUN 19 P 2:15
ENVIRONMENTAL HEALTH

BOND - BERNSTEIN RESIDENCE

C1 4310

SEQUENCE NO. (MDE USE ONLY)

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

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A47379

ST/CO USE ONLY DATE Received 11/13/98

DATE WELL COMPLETED 11/2/98

Depth of Well 22 800 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-1774

OWNER Bond Nancy last name first name STREET OR RFD 13510 Golden Conn Dr TOWN Highland SUBDIVISION N/A SECTION LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Topsoil, Br. micaceous clay, Br. mica, Tan mica, Gray mica, etc.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC). NO. OF BAGS 26, NO. OF POUNDS 2600. GALLONS OF WATER 130. DEPTH OF GROUT SEAL 0 to 30 ft.

CASING RECORD. MAIN CASING TYPE: ST (STEEL). Nominal diameter top (main) casing 6 inches, Total depth of main casing 40 feet.

OTHER CASING (if used) table with columns for diameter and depth.

SCREEN RECORD. screen type or open hole: ST (STEEL). BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

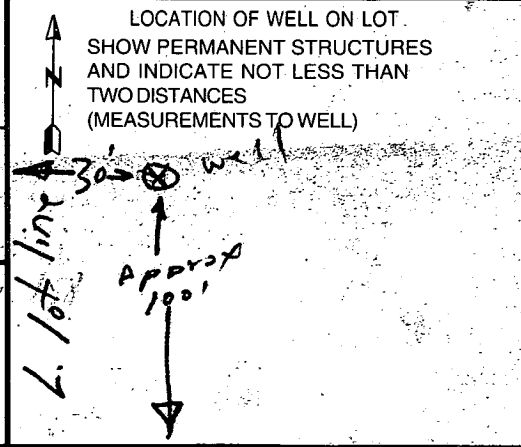
DEPTH (nearest ft.) table with columns 1-21 and 23-36. Values: 11, 38, 800.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F-IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST. C 3. HOURS PUMPED 3. PUMPING RATE 1 gal. per min. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL BEFORE PUMPING 55 ft, WHEN PUMPING 800 ft. TYPE OF PUMP USED: A (air).

PUMP INSTALLED. DRILLER INSTALLED PUMP YES NO. TYPE OF PUMP INSTALLED: C (centrifugal). CAPACITY: GALLONS PER MINUTE 31 35. PUMP HORSE POWER 37 41. PUMP COLUMN LENGTH 43 47. CASING HEIGHT 49 above, 2 below. LAND SURFACE 2 (nearest foot).



NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: YES (Y), NO (N).

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), E (ELECTRIC LOG OBTAINED), P (TEST WELL CONVERTED TO PRODUCTION WELL).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

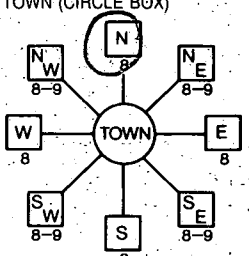

DRILLERS LIC. NO. 1 MW D 040. DRILLERS SIGNATURE: Nancy F. Eusterman. LIC. NO. 1 MW D 386. DRILLERS SIGNATURE: Nancy Eusterman.

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

B 1 **2434** SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type STATE PERMIT NUMBER **HO-94-1774**
70 fill in this form completely 79

Date Received (APA) **10 05 98** OWNER INFORMATION **RN 7617**
 B 3 **Howard** LOCATION OF WELL CC#
 8 COUNTY **OK MD** 21
 23 SUBDIVISION **11/3/98** 42
 SECTION **44 46** LOT **48 50**
Highland
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1** M 73 76:77 78

DRILLER INFORMATION
George F. Easterday M W D **040**
 Driller's Name 76 License No. 81
L. Franklin Easterday, Inc.
 Firm Name
9265 Brown Church Rd., MT. Airy, Md. 21771
 Address
George F. Easterday **10/2/1998**
 Signature Date

B 4
 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

13510 Golden Corn Drive
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **500** 37
 DISTANCE FROM ROAD Ft.
 ENTER FT OR MI 38 39
 TAX MAP: _____ BLK: **800** PARCEL _____

B 2 WELL INFORMATION **5**
 APPROX. PUMPING RATE (GAL. PER MIN.) 8 **500** 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 **500** 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 I INDUSTRIAL, COMMERCIAL, DEWATERING
 P PUBLIC WATER SUPPLY WELL
 T TEST, OBSERVATION, MONITORING
 G GEO-THERMAL

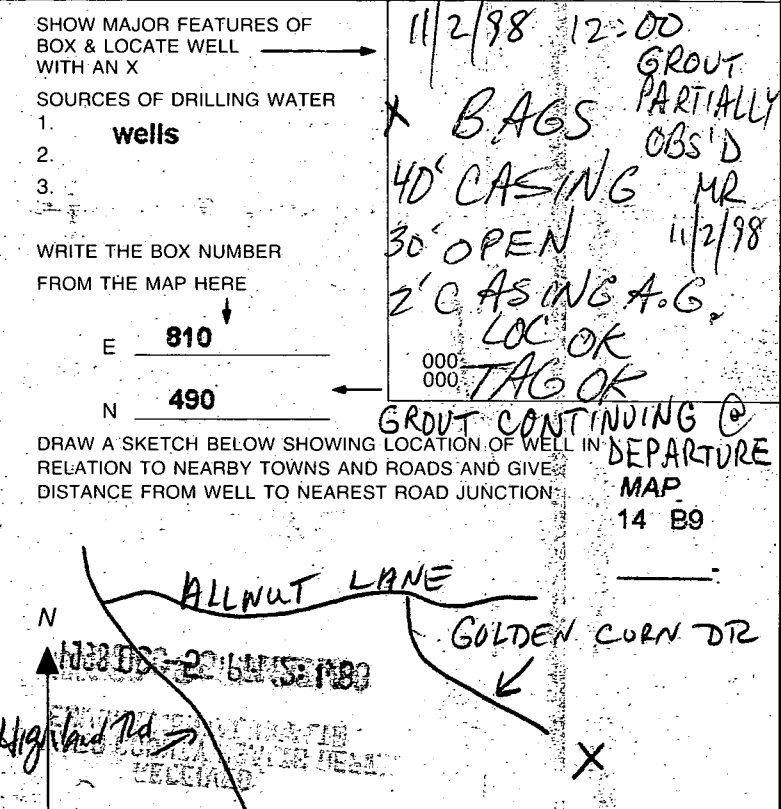
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard co. **A47379**
 COUNTY NAME COUNTY NO
 STATE SIGNATURE _____ INSERT S. → 41
 DATE ISSUED **000698** **A M. M. M. M.** **10/6/99**
 43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID **490 000** EAST GRID **810 000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET
 24 28
 APPROXIMATE DIAMETER OF WELL **6** INCH
 NEAREST TOWN

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 CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 D THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER 54 _____ 63
 PERMIT No. **HO-94-1774**
 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. **wells**
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **810**
 N **490**
 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION:

 * **BAGS** PARTIALLY OBS'D
 40' CASING MR
 30' OPEN 11/2/98
 2' CASING A.G.
 LOC OK
 TAG OK
 GROUT CONTINUING @ DEPARTURE MAP 14 B9

21 B @ K5

RECEIVED
HOWARD COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH

1998 OC -5 PM 2:48

B1 Lot 1 31'0
ID B
35 C

B2 40'0
19 B
44 C